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Spring/Summer 2012



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Table of Contents

Agency Information.....	1
Children’s Health	1
Clinical Practice Guidelines	3
Consumer Information and Education	3
Data Development and Use	5
Effective Health Care	6
Elderly/Long-Term Care	17
Evidence-Based Medicine	19
Health Care Costs and Utilization.....	22
Health Information Technology.....	26
Health Insurance/Access to Care.....	27
Health Services Research	29
Minority Health	30
Outcomes and Effectiveness Research	31
Patient Safety/Medical Errors	32
Prevention	38
Primary Care	39
Quality of Care	41
Women’s Health.....	46
AHRQ Publications Order Form	47
Subject Index	49
Title Index	63

Agency Information

AHRQ Annual Highlights 2010. Agency for Healthcare Research and Quality, February 2011, 56 pp. Presents key findings from AHRQ's 2010 research portfolio and highlights the advances made in moving findings from research to practice. (AHRQ 10(11)-0052)

Children's Health

Annual Report on Health Care for Children and Youth in the United States: Focus on Trends in Hospital Use and Quality. B. Friedman, T. Berdahl, L. Simpson, et al., *Academic Pediatrics* July/August 2011; 11(4):263-279. Describes selected trends in hospital inpatient care for children between 2000 and 2007. (AHRQ 11-R061)

Annual Report on Health Care for Children and Youth in the United States: Racial/Ethnic and Socioeconomic Disparities in Children's Health Care Quality. T. Berdahl, P. Owens, D. Dougherty, et al., *Academic Pediatrics*, March-April 2010; 10(2):95-118. Explores the joint effects of race/ethnicity and insurance status/expected payer or income on children's health care quality. (AHRQ 10-R057)

The Children's Health Insurance Program Reauthorization Act Quality Measures Initiatives: Moving Forward to Improve Measurement, Care, and Child and Adolescent Outcomes. D. Dougherty, J. Schiff, R. Mangione-Smith, *Academic Pediatrics*, May-June

2011; 11(3S):S1-S10. Introduces a supplement to the journal comprising articles that present detailed information about the development of an initial core set of children's health care quality measures. (AHRQ 11-R045)

Committee Report: Method for Evaluating Conditions Nominated for Population-Based Screening of Newborns and Children. N. Calonge, N. Green, R. Rinaldo, et al., *Genetics in Medicine*, February 2010; e-pub. Describes the framework used by the Secretary's Advisory Committee on Heritable Disorders in Newborns and Children to evaluate conditions nominated for addition to the uniform screening panel. (AHRQ 10-R055)

Containing Costs and Improving Care for Children in Medicaid and CHIP. G. Kenney, J. Ruhter, T. Selden, *Health Affairs*, November/December 2009; 28(6):w1025-w1036. Describes spending patterns in Medicaid and the Children's Health Insurance Program and discusses the concentration of spending for children with chronic illnesses. (AHRQ 10-R011)

Demographic Variability, Vaccination, and the Spatiotemporal Dynamics of Rotavirus Epidemics. V. Pitzer, C. Viboud, L. Simonsen, et al., *Science*, July 2009; 325:290-294. Explores the relative importance of direct and indirect protection against rotavirus—which causes severe diarrhea in children in developed and developing countries—a key issue in determining the worldwide benefits of vaccination. (AHRQ 09-R084)

Do Adolescents with Emotional or Behavioral Problems Respond to Cigarette Prices? E. Tekin, N. Mocan, L. Liang, *Southern Economic Journal*, July 2009; 76(1):67-85. Estimates the price elasticity of cigarette demand in a nationally representative sample of adolescents with behavioral or emotional problems. (AHRQ 09-R088)

Do SCHIP Enrollees Stay Insured? K. VanLandeghem, C. Brach. *CHIRI Issue Brief No. 7*, May 2008, 6 pp. Summarizes findings from a Child Health Insurance Research Initiative (CHIRI) project that studied patterns of insurance coverage for low-income children enrolled in the State Children's Health Insurance Program (SCHIP) in Kansas and New York. (AHRQ 08-0057)

Explaining Racial and Ethnic Differences in Antidepressant Use Among Adolescents. J. Kirby, J. Hudson, G. Miller, *Medical Care Research and Review*, June 2010; 67(3):342-363. Examines the extent to which antidepressant use among adolescents varies across racial and ethnic subgroups. (AHRQ 10-R072)

Hospitalizations for Kawasaki Syndrome Among Children in the United States, 1997-2007. R. Holman, E. Belay, K. Christensen, et al., *Pediatric Infectious Disease Journal*, June 2010; 29(6):483-488. Describes the rate and trends of childhood hospitalizations for Kawasaki syndrome in the United States from 1997 through 2007. (AHRQ 10-R074)

Identifying Children's Health Care Quality Measures for Medicaid and CHIP: An Evidence-Informed, Publicly Transparent Expert Process.

R. Mangione-Smith, J. Schiff, D. Dougherty, *Academic Pediatrics*, May-June 2011; 11(3S):S11-S21. Describes the process used to identify the recommended core set of quality measures as mandated by the Children's Health Insurance Program Reauthorization Act of 2009 (CHIPRA). (AHRQ 11-R046)

Impact of Primary Care Case Management (PCCM) Implementation on Medicaid and SCHIP.

K. VanLandeghem, C. Brach. *CHIRI Issue Brief No. 8*, March 2009, 6 pp. Summarizes findings from a Child Health Insurance Research Initiative (CHIRI™) study of the impact of implementing primary care case management (PCCM) systems in Alabama and Georgia. PCCM systems aim to increase use of well-child and primary care in physicians' offices while decreasing use of specialists and emergency departments. (AHRQ 09-0020)

Long-Term Followup After Diagnosis Resulting from Newborn Screening: Statement of the U.S. Secretary of Health and Human Services' Advisory Committee on Heritable Disorders and Genetic Diseases in Newborns and Children.

A. Kemper, C. Boyle, J. Aceves, et al., *Genetics in Medicine*, April 2008; 10(4):259-261. Identifies key features of followup and describes the four components central to achieving long-term followup of children identified through newborn screening as having heritable disorders. (AHRQ 09-R006)

Mental Health Needs of Low-Income Children with Special Health Care Needs.

K. VanLandeghem, C. Brach, *CHIRI Issue Brief No. 9*, April 2009, 6 pp. summarizes a Child Health Insurance Research Initiative (CHIRI) study that compared the prevalence of mental health problems among children with special health care needs to family perceptions of mental health needs. (AHRQ 09-0033)

Racial Disparities in Diarrhea-Associated Hospitalizations Among Children in Five U.S. States, Before and After Introduction of Rotavirus Vaccine.

C. Yen, C. Steiner, M. Barrett, et al., *Vaccine*, October 2010; 28(46):7423-7426. Compares diarrhea-associated hospitalization rates by race/ethnicity among children younger than age 5 before (2000-2006) and after (2007 and 2008) introduction of rotavirus vaccine in five U.S. States. (AHRQ 11-R005)

Racial/Ethnic Differences in the Incidence of Kawasaki Syndrome Among Children in Hawaii. R. Holman, K. Christensen, E. Belay, et al., *Hawaii Medical Journal*, August 2010; 69(8):194-197. Describes the occurrence of Kawasaki syndrome among different racial/ethnic groups in Hawaii. (AHRQ 11-R004)

Reduction in Acute Gastroenteritis Hospitalizations Among U.S. Children After Introduction of Rotavirus Vaccine: Analysis of Hospital Discharge Data from 18 U.S. States.

A. Curns, C. Steiner, M. Barrett, et al., *Journal of Infectious Diseases*, June 2010; 201(11):1617-1624. Uses hospital discharge data from 18 States, representing 49 percent

of the U.S. population, to calculate acute gastroenteritis hospitalization rates for children ages 4 and younger. (AHRQ 10-R071)

Stimulant Medication Use in Children: A 12-Year Perspective.

S. Zuvekas, B. Vitiello, *American Journal of Psychiatry* May 2011; 168(5):486-494. Examines trends in the use of stimulant medication for the treatment of attention-deficit/hyperactivity disorder (ADHD) in U.S. children during 1996-2008. (AHRQ 12-R015)

Supplementing Iron and Zinc: Double Blind, Randomized Evaluation of Separate or Combined Delivery.

S. Chang, S. El Arifeen, S. Bari, et al., *European Journal of Clinical Nutrition*, 2010; 64:153-160. Discusses findings from a randomized, double-blind study of the optimal delivery approach for iron and zinc supplementation in young children. (AHRQ 10-R053)

Transforming Children's Health Care Quality and Outcomes—A Not-So-Random Non-Linear Walk Across the Translational Continuum.

D. Dougherty, C. Clancy, *Academic Pediatrics*, May-June 2011; 11(35):S91-S94. Commentary uses concepts of the translational continuum from basic biomedical research to optimal population health and the role played by the Children's Health Insurance Program Reauthorization Act of 2009 in improving the quality of children's health care by paying attention to all components of the translational continuum. (AHRQ 11-R047)

What Has Been Learned About Expanding Children's Health Insurance? Highlights from CHIRI. K.

VanLandeghem, C. Brach. *CHIRI Issue Brief No. 10*, September 2009, 8 pp. Highlights some of the findings from CHIRI (Children's Health Insurance Research Initiative) research conducted from 1999 to 2003 on the State Children's Health Insurance Program (SCHIP). (AHRQ 09-0034)

Youth Motorcycle-Related Brain Injury by State Helmet Law Type: United States, 2005-2007. H. Weiss, Y. Agimi, C. Steiner, *Pediatrics*, June 2010; 126(6):1149-1153.

Presents information on the head injury risks of different partial-age helmet laws for young riders and discusses implications for States that

have or are considering replacement of universal all-age laws with age-specific laws. (AHRQ 11-R031)

Youth Motorcycle-Related Hospitalizations in the United States in 2006. H. Weiss, Y. Agimi, C. Steiner, *Pediatrics*, December 2010; 126(6):1141-1148.

Describes the burden of motorcycle-related injuries and traumatic brain injuries in both traffic and non-traffic domains. (AHRQ 11-R030)

Clinical Practice Guidelines

A Clinical Practice Guideline for Treating Tobacco Use and Dependence: 2008 Update.

M. Fiore, C. Jaen, T. Baker, et al., *American Journal of Preventive Medicine*, August 2008; 35(2):online.

Summarizes the 2008 update of the U.S. Public Health Service guideline for treating tobacco use and dependence and provides an evidence-based blueprint for clinicians and health care systems to use in treating this chronic disease. (AHRQ 09-R003)

Consumer Information and Education

Blood Thinner Pills: Your Guide to Using Them Safely.

Agency for Healthcare Research and Quality, August 2009, 24 pp. English/Spanish guide provides consumers with information on blood thinner medicines, including what to expect and what to watch out for when taking them. (AHRQ 09-0086-C)

Treating Tobacco Use and Dependence

Clinical Practice Guideline: 2008 Update.

Public Health Service, May 2008. Contains strategies and recommendations to assist clinicians; tobacco dependence treatment specialists; and health care administrators, insurers, and purchasers in delivering and supporting effective cessation treatments for tobacco use and dependence. Reveals considerable progress in tobacco research since the 2000 release. (AHRQ 08-0050-1)

Quick-Reference Guide for Clinicians. Revised April 2009. Summarizes the guideline strategies and recommendations for providing appropriate treatment for tobacco dependence. (AHRQ 08(09)-0050-6)

Help for Smokers and Other Tobacco Users: Consumer Guide. Revised May 2008. Tobacco

cessation guide that contains easy-to-read educational and motivational messages to help people quit smoking. (AHRQ 08-0050-2A; AHRQ 08-0050-2B, Spanish)

Helping Smokers Quit: A Guide for Clinicians.

Revised May 2008. Compact, pocket-sized guide that provides an easily accessible reference for clinicians in the practice setting. (AHRQ 08-0050-3)

Quitting Helps You Heal Faster, Hospital Card.

Card offers tips to help hospital patients quit smoking. (English/Spanish, AHRQ 03-0044)

You Can Quit Smoking, Pocket Card. Presents

key steps to quit smoking. (AHRQ 02-0047, AHRQ 03-0006, Spanish)

You Can Quit Smoking: Support and Advice from Your Clinician, Tearsheet pad. Revised

October 2008. A personalized quit plan for smokers. (AHRQ 08(09)-0092A, AHRQ 08(09)-0092B, Spanish)

You Can Quit Smoking: Support and Advice from Your Prenatal Care Provider, Tearsheet Pad. Revised

October 2008. Support and advice on quitting for pregnant women who smoke. (AHRQ 08(09)-0091-A, AHRQ 08(09)-0091-B, Spanish)



Staying Healthy – Getting High-Quality Health Care

Questions Are the Answer. Agency for Healthcare Research and Quality, 2011. Campaign designed to improve communication between patients and clinicians to help make health care safer. Includes a 7-minute video, a brochure, and notepads.

Questions Are the Answer, DVD. Video intended for use in waiting rooms features patients and clinicians discussing the importance of asking questions and sharing information. (10(12)-0094-DVD)

Be More Involved in Your Health Care: Tips for Patients, Brochure. Offers helpful suggestions to follow before, during, and after a medical visit. (AHRQ 10(11)-0094-A, English; 10(11)-0094-B, Spanish)

Questions Are the Answer, Notepads. Tearsheets to help patients prioritize the top three questions they would like to ask during their medical appointment. (AHRQ 10(11)-0094-1, English; 10(11)-0094-2, Spanish)

Explore Your Treatment Options. Agency for Healthcare Research and Quality and The Advertising Council, 2012, Web site. Web site features personal stories from patients with chronic conditions who achieved better health results by exploring their treatment options. Includes a Health Priorities Snapshot tool that lets patients create and print a list of their own health priorities to share with their clinicians during medical appointments. Also contains the Effective Health Care Program's plain-language guides for consumers that summarize the scientific evidence on treatments for numerous medical conditions, including diabetes, osteoarthritis, high blood pressure, high cholesterol, and more. Available at www.effectivehealthcare.ahrq.gov/options.

Do You Know the Right Questions to Ask? Agency for Healthcare Research and Quality, February 2007, two-sided card. Presents a list of 10 simple questions to help consumers take a more active role in their own health care. English/Spanish (AHRQ 09(10)-M026-C)

Healthy Men. Agency for Healthcare Research and Quality and The Advertising council, 2010, public service advertising campaign and Web site. Aims to raise awareness among middle-aged men about the importance of preventive medical testing. Includes information on recommended ages for preventive testing and lists of appropriate tests, a quiz that assesses knowledge about preventive health care, tips for talking with the doctor, a glossary of health terms, and links to online resources for more information. Available at www.ahrq.gov/healthymen.

Conoce las Preguntas (Know the Questions). Agency for Healthcare Research and Quality and The Advertising Council, 2011, public service advertising campaign and Spanish-language Web site. Encourages Latinos to be more involved in their health care by asking questions. Features questions to ask at medical appointments, when getting a diagnosis, and when picking up a prescription. Includes 10 simple questions and a glossary of medical terms, as well as links to online Spanish-language resources. Available at www.ahrq.gov/preguntas.

Finding Your Way: What to Do Before You Leave the Hospital. C. Clancy, *AARP Bulletin Today*, December 17, 2008. Presents information about some of the things that can go wrong during a hospital stay and what patients can do to improve their hospital stay. (AHRQ 09-R030)

Quitting Smoking—You Can Do It. C. Clancy, *AARP Bulletin*, November 2010; e-pub. AHRQ's director offers practical tips to help

individuals stop smoking. (AHRQ 11-R013)

Staying Active and Healthy with Blood Thinners. Agency for Healthcare Research and Quality, September 2009. A DVD that features easy-to-understand explanations of how blood thinners work and why it's important to take them correctly. Users can choose to view the 10-minute video in English or Spanish. (AHRQ 09-0086-DVD)

Taking Care of Myself: A Guide for When I Leave the Hospital. Agency for Healthcare Research and Quality, April 2010, 12 pp. English/Spanish guide provides log sheets and checklists to help patients newly discharged from the hospital keep track of appointments, medications, and questions to ask at their next medical visit. (AHRQ 10-0059-C)

20 Tips to Help Prevent Medical Errors. Agency for Healthcare Research and Quality, September 2011, 4 pp. Booklet presents suggestions to help consumers work in partnership with their health care providers to get safer health care. (AHRQ 11-0089) **Spanish language booklet** (11(12)-0089-B)

What You Need to Know About Episiotomy. Agency for Healthcare Research and Quality, December 2005, two-sided card. Discusses the need to talk to your doctor before delivery about whether to have an episiotomy during child birth. (AHRQ 06-0005)

Your Guide to Preventing and Treating Blood Clots. Agency for Healthcare Research and Quality, August 2008, 12 pp. An English/Spanish consumer guide on preventing and treating blood clots, including causes, symptoms, treatment options, and side effects of blood thinners. (AHRQ 09-0067-C)

Your Medicine: Be Smart. Be Safe. Agency for Healthcare Research and Quality and the National Council on Patient Information and Education, April 2011, 16 pp. Provides information about using medications safely; includes a wallet card that patients can use to keep track of their medications. (AHRQ 11-0049-A; contact the AHRQ Publications Clearinghouse for information on bulk orders) **Spanish language brochure** (AHRQ 11-0049-B)

See pp. 11-14 and 37-38 for other materials for consumers.

Data Development and Use

Advancing Research Data Infrastructure for Patient-Centered Outcomes

Research. A. Navathe, C. Clancy, S. Glied, *Journal of the American Medical Association* September 2011; 306(11):1254-1255.

Commentary outlines technologies to create a data infrastructure that supports patient-centered care, research, and rapid learning. (AHRQ 12-R013)

Can State Databases Be Used to Develop a National, Standardized Hospital Nurse Staffing Database?

L. Unruh, C. Russo, H. Jiang, et al., *Western Journal of Nursing Research*, February 2009; 31(1):66-88. Examines the feasibility of building a national, standardized hospital nurse staffing database from State data collections to improve the availability of valid, reliable nursing staffing measures and to allow linkages to other databases. (AHRQ 09-R040)

Common Formats Allow Uniform Collection and Reporting of Patient Safety Data by Patient Safety Organizations.

C. Clancy, *American Journal of Medical Quality*, January-February 2010; 25(1):73-75.

Commentary by AHRQ director describes the introduction of Common Formats Version 1.0, a set of evidence-based common definitions and reporting formats that will allow patient safety organizations, health providers, and other entities to report patient safety events in a confidential, uniform manner. (AHRQ 10-R036)

Emergency Department Care in the United States: A Profile of National Data Sources.

P. Owens, M. Barrett, T. Gibson, et al., *Annals of Emergency Medicine*, January 2010; e-pub. Provides a comparison of seven data sources that can be used to examine use and quality of emergency department services nationally. (AHRQ 10-R059)

GRADE Guidelines: 9. Rating Up the Quality of Evidence.

G. Guyatt, A. Oxman, S. Sultan, et al., *Journal of Clinical Epidemiology* December 2011; 64(12):1311-1316. Discusses

MEPSnet. This interactive online service presents data from the Medical Expenditure Panel Survey (MEPS). MEPSnet

(http://www.meps.ahrq.gov/mepsweb/data_stats/meps_query.jsp) gives easy access to statistics on insurance coverage and health care use, expenses, and sources of payment for the U.S. noninstitutionalized population using household-reported data. MEPSnet also provides access to national statistics and trends on job-related health insurance using establishment-reported data.

Statistical Briefs. MEPS statistical briefs provide easy-to-read, concise graphical summaries of MEPS data. Go to http://www.meps.ahrq.gov/mepsweb/data_stats/publications.jsp.



the rationale for rating up the quality of evidence one or two levels. (AHRQ 12-R027)

The Impact of Survey Design Modifications on Health Insurance Coverage Estimates in a National Longitudinal Health Care Survey. S. Cohen, T. Ezzati-Rice, M. Zodet, Health Services and Outcomes Research Methodology, December 2009; 9(4):197-218. Examines the correlates of nonresponse incorporated in the estimation techniques and adjustment methods used in the Medical Expenditure Panel Survey and discusses strategies under consideration that may yield additional improvements in the accuracy of these estimates. (AHRQ 11-R006)

Implications of the Accuracy of MEPS Prescription Drug Data for Health Services Research. S. Hill, S. Zuvekas, M. Zodet, *Inquiry* Fall 2011; 48(3):242-259. Assesses the quality of the Medical Expenditure Panel Survey (MEPS) drug data and the impact that misreporting drug data has on descriptive and behavioral analyses. (AHRQ 12-R026)

The Medical Expenditure Panel Survey: A National Information Resource to Support Healthcare Cost Research and Inform Policy and Practice. J. Cohen, S. Cohen, J. Banthin, *Medical Care*, July 2009; 47(7 Suppl 1):S44-S50. Summarizes the capacity of the Medical Expenditure Panel Survey (MEPS) to support research focused on the dynamics of the U.S. health care system. (AHRQ 10-R032)

Modifying ICD-9-CM Coding of Secondary Diagnoses to Improve Risk-Adjustment of Inpatient Mortality Rates. M. Pine, H. Jordan, A. Elixhauser, et al., *Medical Decision Making*, January/February 2009; 29(1):69-81. Examines the effects on risk-adjustment of inpatient mortality rates of progressively enhancing administrative claims data with clinical data that are expensive and difficult to obtain. (AHRQ 09-R052)

Race and Ethnicity Reporting in Statewide Hospital Data: Progress and Future Challenges in a Key Resource for Local and State Monitoring of Health Disparities. R. Andrews, *Journal of Public Health Management Practice*, March/April 2011; 17(2):167-173. Examines the extent and quality of race-ethnicity coding in statewide hospital data. (AHRQ 11-R033)

Resource Guide to AHRQ Child and Youth Health and Health Care Services Data. Agency for Health Care Research and Quality, February 2008, 106 pp. Provides information and guidance on accessing and using the child health data sets and measurement tools available through AHRQ. (AHRQ 07(08)-0088).
CD-ROM (AHRQ 07(08)-0088-1)

Translating Frontiers into Practice: Taking the Next Steps Toward Improving Hospital Efficiency. R. Mutter, M. Rosko, W. Greene, et al., *Medical Care Research and Review* 2011; 68(Suppl 1):3S-19S. Focuses on the application of frontier techniques such as data envelopment analysis and

stochastic frontier analysis to hospitals with the hope of making these techniques more accurate and accessible to end users. (AHRQ 12-R028)

Validating Household Reports of Health Care Use in the Medical Expenditure Panel Survey. S. Zuvekas, G. Olin, *Health Services Research*, October 2009; 44(5 Pt 1):679-700. Assesses the quality of household reports in the Medical Expenditure Panel Survey (MEPS) and the impact of misreporting on descriptive and behavioral analyses. (AHRQ 09-R083)

Effective Health Care

Adding the Patient Perspective to Comparative Effectiveness Research. A. Wu, C. Snyder, C. Clancy, et al., *Health Affairs*, October 2010; 29(10):1863-1871. Describes how questionnaires can be used systematically to capture patients' experiences with care directly from the patients. (AHRQ 11-R022)

Advancing Methods for Comparative Effectiveness Research. S. Smith, *Medical Care*, June 2010; 48(6 Suppl 1):S1-S2. Editorial discusses AHRQ's role in advancing new scientific approaches for conducting studies on comparative effectiveness and safety and introduces a journal supplement that presents the proceedings of a 2009 AHRQ-supported symposium focused on this topic. (AHRQ 10-R075)

The Agency for Healthcare Research and Quality (AHRQ) Effective Health Care (EHC) Program Methods Guide for Comparative Effectiveness

Reviews: Keeping Up-to-Date in a Rapidly Evolving Field.

S. Chang, *Journal of Clinical Epidemiology* November 2011; 64(11):1166-1167. Introduces five articles in the journal that nearly complete the finalization of version 1.0 of AHRQ's Methods Guide for conducting comparative effectiveness reviews. (AHRQ 12-R022)

AHRQ's Effective Health Care Program: Why Comparative Effectiveness Matters. J. Slutsky, C. Clancy, *American Journal of Medical Quality*, January/February 2009; 24(1):67-70. Defines comparative effectiveness research and discusses the use of these research findings in making comparisons of treatment alternatives. (AHRQ 09-R028)

Assessing Applicability When Comparing Medical Interventions: Agency for Healthcare Research and Quality and the Effective Health Care Program. D. Atkins, S. Chang, G. Gartlehner, et al., *Journal of Clinical Epidemiology*, April 2011; e-pub. Describes a systematic approach for identifying, reporting, and synthesizing information to allow consistent and transparent consideration of the applicability of the evidence in a systematic review. (AHRQ 11-R052)

CER: Tools—Not Rules, and Its Effects Can Be Transformational. C. Clancy, *Medscape*, August 2010; e-pub. Commentary discusses comparative effectiveness research and its role in helping clinicians deliver safe, effective health care. (AHRQ 11-R010)

AHRQ's DEcIDE Network

The Developing Evidence to Inform Decisions about Effectiveness (DEcIDE) Network is a component of AHRQ's Effective Health Care Program. DEcIDE Centers are developing new knowledge on a wide variety of clinical and other health care-related topics. The Network comprises research-based health organizations with electronic access to health information databases and the capacity to conduct comparative effectiveness research. More than 25 research reports from the DEcIDE Network are available online. Go to <http://effectivehealthcare.ahrq.gov/> for more information.

Charting a Path from Comparative Effectiveness Funding to Improved Patient-Centered Health Care. P. Conway, C. Clancy, *Journal of the American Medical Association*, March 2010; 303(10):985-986. Editorial comments on a study that presents publication criteria for comparative effectiveness studies and discusses next steps for disseminating and translating comparative effectiveness research into practice. (AHRQ 10-R048)

Comparative Effectiveness Research and Genomic Medicine: An Evolving Partnership for 21st Century Medicine. J. Khoury, E. Rich, G. Randhawa, et al., *Genetics in Medicine*, October 2009; 11(10):707-711. Commentary argues the position that comparative effectiveness and genomic medicine can and should coexist and will increasingly benefit from each other to enhance knowledge-based medical practice. (AHRQ 10-R033)

Comparative Effectiveness Research—Implications of the Federal Coordinating Council's Report. P. Conway, C. Clancy, *New England Journal of Medicine*, July 2009; 361(4):328-330. Perspective discusses the Federal investment in effectiveness research and the

implications of a recent report to Congress on funding priorities for the program. (AHRQ 09-R086)

Comparative Effectiveness Research Priorities at Federal Agencies: The View from the Department of Veterans Affairs, National Institute on Aging, and Agency for Healthcare Research and Quality. T. O'Leary, J. Slutsky, M. Bernard, *Journal of the American Geriatrics Society*, June 2010; 58(6):1187-1192. Briefly describes the research mission of AHRQ, NIA, and VA, discusses various definitions of comparative effectiveness research, and sets forth approaches in which the three agencies support comparative effectiveness research involving the aging population, as well as opportunities for future research in this area. (AHRQ 10-R078)

Comparative Effectiveness Research: Promising Area of Study for Pharmacists. C. Clancy, *Journal of the American Pharmaceutical Association*, March-April 2010; 50(2):131-133. Defines comparative effectiveness research and discusses AHRQ's research in this area, including several studies that are directly relevant to pharmacists. (AHRQ 10-R065)

Conducting Quantitative Synthesis When Comparing Medical Interventions: AHRQ and the Effective Health Care Program. R. Fu, G. Gartlehner, M. Grant, et al., *Journal of Clinical Epidemiology* November 2011; 64(11):1187-1197. Establishes recommendations for conducting quantitative synthesis or meta-analysis, using study-level data in comparative effectiveness reviews. (AHRQ 12-R024)

Focusing the Research Enterprise on the Patient. C. Clancy, *NCI Cancer Bulletin*, April 2010; 7(8): e-pub. Commentary discusses the potential of comparative effectiveness research to enhance patient-centered care and contribute to the evidence base on diagnosing and treating cancer. (AHRQ10-R066)

Guiding Comparative Effectiveness Research—A U.S. Perspective. H. Birnbaum, J. Slutsky, *Pharmacoeconomics*, October 2010; 28(10):839-842. Article in interview format focuses on the challenges and opportunities of implementing comparative effectiveness research from the perspective of the Federal Government's efforts to promote and facilitate evidence-based clinical practices and health care decisionmaking. (AHRQ 11-R025)

Infrastructure to Monitor Utilization and Outcomes of Gene-Based Applications: An Assessment. Agency for Healthcare Research and Quality, May 2008, 90 pp. Presents the results of an assessment of existing databases in the U.S. health care system for monitoring the use and outcomes of gene-

based applications, including tests and related interventions. Offers recommendations for establishing practical systems to assess use and outcomes of gene-based therapies. (AHRQ 08-EHC012)

Observational Studies in Systemic Reviews of Comparative Effectiveness: AHRQ and the Effective Health Care Program. S. Norris, D. Atkins, W. Bruening, et al., *Journal of Clinical Epidemiology* November 2011; 64(11):1178-1186. Presents a framework for decisionmaking on the inclusion of observational studies to assess benefits and intended effects in comparative effectiveness reviews. (AHRQ 12-R023)

Patient-Centered Comparative Effectiveness Research: Essential for High-Quality Care. J. Slutsky, C. Clancy, *Archives of Internal Medicine*, March 2010; 170(5):403-404. Commentary reviews recent developments in comparative effectiveness research and their implications for clinicians and patients. (AHRQ 10-R049)

Patient-Centered Outcomes Research and Nurse Practitioners' Role in Shared Decision Making. C. Clancy, *Journal of the American Academy of Nurse Practitioners* January 2012; 24(1):59-61. Provides a brief overview of AHRQ's Effective Health Care Program and the role it plays in patient-centered care and shared decisionmaking. (AHRQ 12-R034)

The Promise and Future of Comparative Effectiveness Research. C. Clancy, *Journal of Nursing Care Quality*, January-March 2010; 25(1):1-4. Commentary by AHRQ director discusses the impact of

the American Recovery and Reinvestment Act of 2009 on the future and direction of comparative effectiveness research. (AHRQ 10-R040)

Registries for Evaluating Patient Outcomes: A User's Guide, Second Edition. Agency for Healthcare Research and Quality, September 2010, 275 pp. Provides a reference tool for establishing, maintaining, and evaluating the success of registries. Expands the 2007 edition with new chapters discussing emerging issues and 38 case examples. (AHRQ 10-EHC049)

Roundtable on Expanding Capacity for Comparative Effectiveness Research in the United States. S. Tunis, C. Clancy, W. Helms, et al., *Health Services Research*, April 2009; 44(2 Pt 1):327-342. Presents an edited transcript of a discussion of comparative effectiveness research that took place June 3, 2007 at the AcademyHealth Annual Research Meeting in Orlando, FL. (AHRQ 09-R053)

Starting the Conversation. W. Lawrence, *Pharmacoeconomics and Drug Safety* August 2011; 20(8):807-809. Introduces a report on a multidisciplinary panel that addressed the needs for training researchers and policymakers in the fundamentals of comparative effectiveness research for pharmaceuticals. (AHRQ 11-R072)

Welcome to the Effective Health Care Program. Agency for Healthcare Research and Quality, September 2010, 8 pp. Describes AHRQ's Effective Health Care (EHC) program and the EHC publications

available in print and online for clinicians, patients, policymakers, and researchers. (AHRQ 10-EHC064)

Guides for Clinicians

ACEIs, ARBs, or DRI for Adults with Hypertension: Clinician Research

Summary. Agency for Healthcare Research and Quality, October 2011, 2 pp. Summarizes the results of a systematic review of available evidence on the comparative effectiveness, benefits, and adverse effects of angiotensin-converting enzyme inhibitors (ACEIs), angiotensin II receptor blockers (ARBs), and a direct renin inhibitor (DRI) for adults with hypertension. (AHRQ 11(12)-EHC063-3)

ACEIs or ARBs for Adults with Hypertension: Clinician Guide.

Agency for Healthcare Research and Quality, October 2007, 2 pp. Summarizes evidence comparing the effectiveness and safety of angiotensin-converting enzyme inhibitors and angiotensin II receptor antagonists when used by adults with essential hypertension. (AHRQ 08-EHC003-3)

Adding ACEIs and/or ARBs to Standard Therapy for Stable Ischemic Heart

Disease: Benefits and Harms, Clinician Guide. Agency for Healthcare Research and Quality, August 2010, 2 pp. Discusses whether standard medical therapy in patients with stable ischemic heart disease should be augmented with an angiotensin-converting enzyme inhibitor or an angiotensin II receptor blocker. (AHRQ 10-EHC002-3)

Analgesics for Osteoarthritis: Focus of Research for Clinicians. Agency for Healthcare Research and Quality, January 2012, 3 pp. Updates information from a 2006 report on the comparative effectiveness, benefits, and adverse effects of analgesics and the supplements glucosamine and chondroitin used for the treatment of osteoarthritis. (AHRQ 11(12)-EHC076-3)

Choosing Antidepressants for Adults: Clinician Guide.

Agency for Healthcare Research and Quality, August 2007, 4 pp. Summarizes clinical research comparing the effectiveness and safety of commonly used antidepressants for adults with major depression. (AHRQ 07-EHC007-3)

Choosing Medications for Adults with Rheumatoid Arthritis: Clinician Guide.

Agency for Healthcare Research and Quality, April 2008, 4 pp. Summarizes evidence comparing the effectiveness and safety of disease-modifying antirheumatic drugs and corticosteroids used for rheumatoid arthritis. (AHRQ 08-EHC004-3)

Choosing Non-Opioid Analgesics for Osteoarthritis: Clinician Guide.

Agency for Healthcare Research and Quality, revised March 2009, 4 pp. Summarizes clinical evidence on the effectiveness and safety of non-opioid analgesics for osteoarthritis based on a systematic review of 351 research publications. (AHRQ 06(07)-EHC009-3)

***Clostridium difficile* Infections: Diagnosis, Treatment, and Prevention: Clinician Research**

Summary. Agency for Healthcare Research and Quality, December 2011, 2 pp. Discusses findings from a review of available evidence on the comparative effectiveness of diagnostic tests, treatments, and prevention strategies for *Clostridium difficile* (C-diff) infections in adults. (AHRQ 11(12)-EHC051-3)

Comparative Effectiveness and Safety of Radiotherapy Treatments for Head and Neck Cancer: Clinician

Guide. Agency for Healthcare Research and Quality, October 2010, 2 pp. Examines the comparative effectiveness and safety of external beam radiation therapies for head and neck cancer. (AHRQ 10(11)-EHC014-3)

Comparative Effectiveness of Diagnosis and Treatment of Obstructive Sleep Apnea in Adults: Clinician Research

Summary. Agency for Healthcare Research and Quality, July 2011, 4 pp. Examines the comparative effectiveness of approaches for screening, diagnosing, and treating obstructive sleep apnea. (AHRQ 11-EHC052-3)

Comparative Effectiveness of Interventions for Rotator Cuff Tears in Adults: Clinician Guide.

Agency for Healthcare Research and Quality, October 2010, 2 pp. Summarizes an analysis of the current evidence on nonoperative and operative approaches for treating degenerative or traumatic rotator cuff tears. (AHRQ 10(11)-EHC050-3)

Comparative Effectiveness of Therapies for Children with Autism Spectrum Disorders: Clinician Guide. Agency for Healthcare Research and Quality, June 2011, 2 pp. Discusses the available evidence on the effectiveness, benefits, and harms of therapies used to address the core and associated symptoms seen among children aged 2-12 years with autism spectrum disorders. (AHRQ 11-EHC029-3)

Comparing Medications for Adults with Type 2 Diabetes: Clinician Guide. Agency for Healthcare Research and Quality, June 2011, 8 pp. Summarizes available evidence on the comparative effectiveness, benefits, and adverse effects of available monotherapy and two-drug combinations of medications for adults with type 2 diabetes. Updates a 2007 review with information on newer medications and two-drug combinations. (AHRQ 11-EHC038-3)

Core-Needle Biopsy for Breast Abnormalities: Clinician Guide. Agency for Healthcare Research and Quality, April 2010, 4 pp. Compares core-needle biopsy with open surgical biopsy for diagnosing breast lesions and summarizes the accuracy and possible harms of various core-needle biopsy methods. (AHRQ 10-EHC007-3)

Depression After Traumatic Brain Injury: Clinician Guide. Agency for Healthcare Research and Quality, March 2011, 2 pp. Discusses the relationship among traumatic brain injury (TBI), depression, and other psychological conditions and summarizes the evidence that can be used to guide screening and treatment

for TBI-related depression and concomitant psychiatric conditions. (AHRQ 11-EHC017-3)

Effectiveness of Self-Measured Blood Pressure Monitoring in Adults with Hypertension: Clinician Research Summary. Agency for Healthcare Research and Quality, February 2012, 2 pp. Reviews the role of self-measured blood pressure monitoring with or without additional support (e.g., telemonitoring, counseling, home visits, etc.) in the management of hypertension. (AHRQ 12-EHC002-3)

Elective Induction of Labor: Safety and Harms: Clinician Guide. Agency for Healthcare Research and Quality, November 2009, 4 pp. Summarizes clinical evidence comparing the safety of elective induction of labor with expectant management of term pregnancy and provides information about maternal and fetal outcomes when elective induction of labor is used. (AHRQ 10-EHC004-3)

Fracture Prevention Treatments for Postmenopausal Women with Osteoporosis: Clinician Guide. Agency for Healthcare Research and Quality, June 2008, 4 pp. Summarizes the effectiveness and safety of various treatments for preventing fractures among postmenopausal women with osteoporosis, including bisphosphonates, selective estrogen receptor modulators (SERMs), hormonal medications, calcium, and vitamin D. (AHRQ 08-EHC008-3)

Gestational Diabetes: Caring for Women During and After Pregnancy: Clinician Guide. Agency for Healthcare Research and Quality, August 2009, 2 pp. Summarizes clinical evidence about prenatal care and delivery management for women with gestational diabetes. (AHRQ 09-EHC014-3)

Management of Atherosclerotic Renal Artery Stenosis: Clinician Guide. Agency for Healthcare Research and Quality, March 2007, 2-sided sheet. Summarizes clinical evidence from 56 studies on the effectiveness and safety of angioplasty and medical therapy for treating atherosclerotic renal artery stenosis. (AHRQ 07-EHC004-3)

Managing Chronic Gastroesophageal Reflux Disease: Clinician Research Summary. Agency for Healthcare Research and Quality, September 2011, 2 pp. Updates a 2005 report with more recent evidence on the comparative effectiveness, benefits, and adverse effects of treatments for gastroesophageal disease (GERD), including information on factors that may influence or predict treatment effectiveness. (AHRQ 11-EHC049-3)

Medications to Reduce the Risk of Primary Breast Cancer in Women: Clinician Guide. Agency for Healthcare Research and Quality, January 2010, 4 pp. Summarizes the effectiveness and safety of two medications—tamoxifen and raloxifene—used to reduce the risk of primary breast cancer. (AHRQ 09(10)-EHC028-3)

Off-Label Use of Atypical Antipsychotic Drugs: A Summary for Clinicians and Policymakers. Agency for Healthcare Research and Quality, July 2007, 4 pp. Describes atypical antipsychotic drugs and their use for off-label conditions, including information on dosing, risks, and side effects. (AHRQ 07-EHC003-2)

Pain Management Interventions for Elderly Patients with Hip Fracture: Clinician Guide. Agency for Healthcare Research and Quality, May 2011, 2 pp. Summarizes available evidence on pain management interventions used during the preoperative, intraoperative, and postoperative periods of treatment for patients aged 50 and older with hip fractures. (AHRQ 11-EHC022-3)

Premixed Insulin Analogues: Clinician Guide. Agency for Healthcare Research and Quality, March 2009, 4 pp. Summarizes clinical evidence comparing the effectiveness and safety of premixed analogues with other insulin preparations and oral diabetes drugs. (AHRQ 09-EHC017-3)

Radiofrequency Ablation for Atrial Fibrillation: Clinician Guide. Agency for Healthcare Research and Quality, November 2009, 3 pp. Summarizes the clinical evidence on the effectiveness and safety of catheter-based radiofrequency ablation compared with anti-arrhythmic drugs for treatment of atrial fibrillation. (AHRQ 09(10)-EHC015-3).

Three Treatments for Osteoarthritis of the Knee: Evidence Shows Lack of Benefit, Clinician Guide. Agency for Healthcare

Research and Quality, April 2009, 4 pp. Summarizes evidence on the safety and effectiveness of three treatments for osteoarthritis of the knee: use of glucosamine, chondroitin, or a combination of the two; viscosupplementation; and arthroscopic lavage and debridement of the knee joint. (AHRQ 09-EHC001-3)

Treating Cholesterol with Combination Therapy: Clinician Guide. Agency for Healthcare Research and Quality, November 2009, 2 pp. Summarizes clinical evidence on using combinations of lipid-lowering medications for the treatment of high cholesterol. (AHRQ 09(10)-EHC024-3)

Treatments for Clinically Localized Prostate Cancer: Clinician Guide. Agency for Healthcare Research and Quality, July 2008, 4 pp. Summarizes clinical evidence comparing the effectiveness and safety of treatments for clinically localized prostate cancer, including expectant management and three active treatments (radical prostatectomy, radiation therapy, and hormonal therapy). (AHRQ 08-EHC010-3)

Use of Recombinant Human Growth Hormone for Pediatric Patients with Cystic Fibrosis: Clinician Guide. Agency for Healthcare Research and Quality, March 2011, 2 pp. Examines the benefits and harms of using recombinant human growth hormone (rhGH) to improve pulmonary and overall health outcomes for children and teens with cystic fibrosis. (AHRQ 11-EHC003-3)

Utilization and Clinical Data on In-Hospital Off-Label Uses of Recombinant Factor VIIa: Clinician Guide. Agency for Healthcare Research and Quality, October 2010, 2 pp. Summarizes available information on the off-label use of recombinant factor VII (rFVIIa) in the hospital setting. (AHRQ 10(11)-EHC030-3)

Guides for Patients

ACE Inhibitors and ARBs to Protect Your Heart? A Guide for Patients Being Treated for Stable Coronary Heart Disease. Agency for Healthcare Research and Quality, July 2010, 12 pp. Provides information on the efficacy and safety of using ACE inhibitors, ARBs, or their combination vs. standard medical therapy. (AHRQ 10(11)-EHC002-A).
Spanish language booklet (AHRQ 10(11)-EHC002-B)

Antidepressant Medicines: A Guide for Adults with Depression. Agency for Healthcare Research and Quality, August 2007, 9 pp. Booklet provides information to help adult patients work with their doctors to choose medicines for depression. Describes the various medications used to treat adults with depression, possible side effects, and cost of the drugs. (AHRQ 07(08)-EHC007-2A)
Spanish language booklet (AHRQ 07(09)-EHC007-B)

Choosing Medicines for High Blood Pressure: A Review of the Research on ACEIs, ARBs, and DRIs. Agency for Healthcare Research and Quality, October 2011, 14 pp. Describes research findings on three types of medicine for high blood pressure, including how well they work, how they

compare to each other, and their side effects. (AHRQ 11(12)-EHC063-A) **Spanish language booklet** (11(12)-EHC063-B)

Choosing Pain Medicine for Osteoarthritis: A Guide for Consumers. Agency for Healthcare Research and Quality, January 2007, 9 pp. Booklet describes the different kinds of pain relievers that are available to treat osteoarthritis and presents information about the trade-offs between pain relief, potential side-effects, and medication cost. (AHRQ 06(07)-EHC009-2A) **Spanish language booklet** (AHRQ 06(08)-EHC009-2B)

Comparing Two Kinds of Blood Pressure Pills: ACEIs and ARBs: A Guide for Adults. Agency for Healthcare Research and Quality, October 2007, 6 pp. Booklet describes two kinds of pills used to treat high blood pressure, ACE inhibitors (ACEIs) and ARBs and presents information to help patients talk about these drugs with their doctors. (AHRQ 08-EHC003-2A). **Spanish language booklet** (AHRQ 08(09)-EHC003-B)

Depression After Brain Injury: A Guide for Patients and Their Caregivers. Agency for Healthcare Research and Quality, April 2011, 10 pp. Describes the symptoms associated with depression following a traumatic brain injury and the use of counseling and antidepressants to treat the depression. (AHRQ 11-EHC017-A). **Spanish language booklet** (AHRQ 11-EHC017-B)

DMARDs for Juvenile Idiopathic Arthritis: A Review of the Research for Parents and Caregivers. Agency for Healthcare Research and Quality,

September 2011, 10 pp. Describes the research about the effectiveness and safety of disease modifying anti-rheumatic drugs used to treat juvenile idiopathic arthritis, including information on side effects and cost. (AHRQ 11-0039-A)

Gastroesophageal Reflux Disease (GERD). Agency for Healthcare Research and Quality, December 2005, 1 p. Provides information for patients who have more severe GERD and are being treated by a doctor or other health care provider. (AHRQ 06-EHC003-A). **Spanish language booklet** (AHRQ 06-EHC003-B)

Gestational Diabetes: A Guide for Pregnant Women. Agency for Healthcare Research and Quality, August 2009, 13 pp. Provides information on gestational diabetes, including treatment and followup care, to help pregnant women who have the condition talk with their doctors or midwives about their care. (AHRQ 09-EHC104-A). **Spanish language booklet** (AHRQ 09(10)-EHC014-B)

Having a Breast Biopsy: A Guide for Women and Their Families. Agency for Healthcare Research and Quality, April 2010, 9 pp. Booklet provides information to help women talk with their doctors or nurses about breast biopsy, explains the different kinds of biopsies, and describes what a woman should expect if she has a breast biopsy. (AHRQ 10-EHC007-A). **Spanish language booklet** (AHRQ 10-EHC007-B)

Human Growth Hormone for Children with Cystic Fibrosis: A Review of the Research for Parents and Caregivers. Agency for

Healthcare Research and Quality, March 2011, 5 pp. Describes the potential benefits and risks of using human growth hormone for children with cystic fibrosis. (AHRQ 11-EHC003-A). **Spanish language booklet** (AHRQ 11-EHC003-B)

Managing Osteoarthritis Pain with Medicines: A Review of the Research for Adults. Agency for Healthcare Research and Quality, January 2012, 9 pp. Describes how to manage osteoarthritis pain by using analgesics and discusses the research about different types of analgesics. (AHRQ 11(12)-EHC076-A)

Managing Pain from a Broken Hip: A Guide for Adults and Their Caregivers. Agency for Healthcare Research and Quality, May 2011, 10 pp. Summarizes the risks and benefits of various treatments—including medications, nerve blocks, traction, acupuncture, and other therapies—used to manage pain associated with a broken hip in older adults. (AHRQ 11-EHC022-A). **Spanish language booklet** (AHRQ 11-EHC022-B)

Measuring Your Blood Pressure at Home: A Review of the Research for Adults. Agency for Healthcare Research and Quality, February 2012, 9 pp. Summary provides information for consumers on at-home blood pressure monitoring and describes research findings about blood pressure monitors. Includes suggested questions for patients to discuss with their clinicians. (AHRQ 12-EHC002-A)

Medicines for Type 2 Diabetes: A Review of the Research for Adults. Agency for Healthcare Research and

Quality, June 2011, 14 pp. Reviews research on the benefits and possible side effects of medicines to lower or control blood sugar and provides suggestions for talking with health care providers about medication choices. (AHRQ 11-EHC038-A). **Spanish language booklet** (AHRQ 11(12)-EHC038-B)

Osteoarthritis of the Knee: A Guide for Adults. Agency for Healthcare Research and Quality, April 2009, 4 pp. Summarizes the various treatments to help reduce pain associated with osteoarthritis of the knee and discusses research on treatments that usually are not helpful for this condition. (AHRQ 09-EHC001-A). **Spanish language booklet** (AHRQ 09(10)-EHC001-B)

Osteoporosis Treatments that Help Prevent Broken Bones: A Guide for Women After Menopause. Agency for Healthcare Research and Quality, June 2008, 13 pp. Booklet presents information about different kinds of treatments for preventing broken bones due to osteoporosis, including how well the treatments work and the side effects and costs of medications. (AHRQ 08-EHC008-2A) **Spanish language booklet** (AHRQ 08(09)-EHC008-B)

Premixed Insulin for Type 2 Diabetes: A Guide for Adults. Agency for Healthcare Research and Quality, March 2009, 13 pp. Describes the different kinds of insulin used for type 2 diabetes and the various ways to take insulin, including premixed insulin, and suggests some questions to ask the doctor about which kind of insulin to use. (AHRQ 08(09)-EHC017-A). **Spanish**

language booklet (AHRQ 08(10)-EHC017-B)

Radiofrequency Ablation for Atrial Fibrillation: A Guide for Adults. Agency for Healthcare Research and Quality, November 2009, 9 pp. Booklet describes a procedure called radiofrequency ablation that can restore normal heart rhythm in people with atrial fibrillation. (AHRQ 09(10)-EHC015-A). **Spanish language booklet** (AHRQ 09(10)-EHC015-B)

Reducing the Risk of Breast Cancer with Medicine: A Guide for Women. Agency for Healthcare Research and Quality, January 2010, 12 pp. Booklet discusses two medicines—raloxifene and tamoxifen—used to reduce the risk of breast cancer for women who have never had breast cancer, including how they work, possible benefits, and potential problems. (AHRQ 10-EHC028-A). **Spanish language booklet** (AHRQ 09(10)-EHC028-B)

Renal Artery Stenosis Treatments: A Guide for Consumers. Agency for Healthcare Research and Quality, June 2007, 8 pp. Provides information to assist patients in talking with their clinicians about treatments for renal artery stenosis and discusses problems that may be caused by the condition. (AHRQ 07-EHC004-2A) **Spanish language booklet** (AHRQ 07(09)-EHC004-B)

Rheumatoid Arthritis Medicines: A Guide for Adults. Agency for Healthcare Research and Quality, April 2008, 9 pp. Booklet presents information to help patients work with their doctors or nurses to find a medicine for rheumatoid arthritis that is

right for them. Explains the benefits, risks, and costs of RA drugs. (AHRQ 08-EHC004-2A) **Spanish language booklet** (AHRQ 08(09)-EHC004-B)

Therapies for Children with Autism Spectrum Disorders: A Review of the Research for Parents and Caregivers. Agency for Healthcare Research and Quality, June 2011, 14 pp. Describes research about the possible benefits and negative side effects of therapies for children aged 2 to 12 who have been diagnosed with an autism spectrum disorder. (AHRQ 11-EHC029-A). **Spanish language booklet** (AHRQ 11(12)-EHC029-B)

Thinking About Having Your Labor Induced? A Guide for Pregnant Women. Agency for Healthcare Research and Quality, December 2009, 9 pp. Booklet describes what's involved in elective induction of labor, including possible problems, and discusses what is not yet known about the procedure. (AHRQ 10-EHC004-A). **Spanish language booklet** (AHRQ 10-EHC004-B)

Treating and Preventing C-diff Infections: A Review of the Research for Adults and Their Caregivers. Agency for Healthcare Research and Quality, December 2011, 10 pp. Provides information on symptoms and treatment of infections involving *Clostridium difficile* (C-diff), which causes persistent gastrointestinal upset. (AHRQ 11(12)-EHC051-A) **Spanish language booklet** (11(12)-EHC051-B)

Treating High Cholesterol: A Guide for Adults. Agency for Healthcare Research and Quality, November 2009,

12 pp. Presents information to help patients talk with their doctor or nurse about medicines to treat high cholesterol, including the different types of cholesterol medicines, how they work, and their side effects. (AHRQ 09(10)-EHC024-A). **Spanish language booklet** (AHRQ 09(10)-EHC024-B)

Treating Prostate Cancer: A Guide for Men with Localized Prostate Cancer.

Agency for Healthcare Research and Quality, July 2008, 6 pp. Presents information to help men with localized prostate cancer work with their doctors to choose among four common prostate cancer treatments—watchful waiting, prostate surgery, radiation, and hormone treatment—and provides information about the side effects associated with each treatment. (AHRQ 08-EHC010-2A) **Spanish language booklet** (AHRQ 08(09)-EHC010-B)

Treating Sleep Apnea: A Review of the Research for Adults. Agency for Healthcare Research and Quality, July 2011, 10 pp. Discusses diagnosis and treatment options for obstructive sleep apnea. (AHRQ 11-EHC052-A)

Treatment Options for GERD or Acid Reflux Disease: A Review of the Research for Adults. Agency for Healthcare Research and Quality, September 2011, 14 pp. Describes gastroesophageal reflux disease (GERD) and explains research findings about types of treatment, including the benefits and risks of each treatment. (AHRQ 11-EHC049-A) **Spanish language booklet** (AHRQ 11(12)-EHC049-B)

Treatment Options for Rotator Cuff Tears: A Guide for Adults. Agency for Healthcare Research and Quality, October 2010, 12 pp. Booklet presents information to help patients and their doctors choose among the available treatments for rotator cuff tears. (AHRQ 10(11)-EHC050-A). **Spanish language booklet** (AHRQ 10(11)-EHC050-B)

Understanding Radiotherapy for Head and Neck Cancer: A Guide for Adults and Their Caregivers. Agency for Healthcare Research and Quality, October 2010, 12 pp. Provides information on the different types of radiotherapy used to treat head and neck cancer. (AHRQ 10(11)-EHC014-A). **Spanish language booklet** (AHRQ 10(11)-EHC014-B)

Guides for Policymakers

Adding ACEIs and/or ARBs to Standard Therapy for Stable Ischemic Heart Disease: Benefits and Harms, Policymaker Summary. Agency for Healthcare Research and Quality, August 2010, 2 pp. Explores the benefits and harms of augmenting standard therapy with an angiotensin-converting enzyme inhibitor or an angiotensin II receptor blocker for patients with stable ischemic heart disease. (AHRQ 10-EHC002-2)

Comparative Effectiveness and Safety of Radiotherapy Treatments for Head and Neck Cancer: Policymaker Summary. Agency for Healthcare Research and Quality, September 2010, 2 pp. Discusses whether external beam radiation therapies for head and neck cancer justify

wider availability and provision of infrastructure. (AHRQ 10-EHC014-2)

Depression Following a Traumatic Brain Injury: Policy Brief. Agency for Healthcare Research and Quality, November 2011, 1 p. Synthesizes evidence from 115 studies on what is known and not known about diagnosing and treating depression following a traumatic brain injury. (AHRQ 11(12)-EHC017-2)

Particle Beam Radiation Therapies for Cancer: A Summary for Policymakers. Agency for Healthcare Research and Quality, September 2009, 4 pp. Outlines the theoretical pros and cons of particle beam radiation therapy and provides a profile of the costs and current uses of this technology. (AHRQ 09-EHC019-2)

Surgical and Nonsurgical Treatment of Rotator Cuff Tears: Policymaker Summary. Agency for Healthcare Research and Quality, August 2010, 2 pp. Examines the effectiveness of surgical and nonsurgical treatment for rotator cuff tears. (AHRQ 10-EHC050-2)

Comparative Effectiveness Reviews

Brain and Nerve Conditions

Effectiveness and Safety of Antiepileptic Medications in Patients with Epilepsy
Executive Summary No. 40
December 2011; 22 pp.
(AHRQ 11(12)-EHC082-1)

Comparative Effectiveness Reviews

These final reports are systematic appraisals of existing scientific evidence regarding treatments for high-priority health conditions. They identify gaps in existing scientific evidence and support new research. The full reports and summaries are available at www.effectivehealthcare.ahrq.gov/reports/final.cfm.

Breathing Conditions

Diagnosis and Treatment of Obstructive Sleep Apnea in Adults

Executive Summary No. 32
July 2011; 23 pp.
(AHRQ 11-EHC052-1)

Recombinant Human Growth Hormone (rhGH) in the Treatment of Patients with Cystic Fibrosis

Executive Summary No. 23
October 2010; 16 pp.
(AHRQ 11-EHC003-1)

Cancer

Core-Needle and Open Surgical Biopsy for the Diagnosis of Breast Lesions

Executive Summary No. 19
December 2009; 19 pp.
(AHRQ 10-EHC007-1)

Epoetin and Darbepoetin for Managing Anemia in Patients Undergoing Cancer Treatment

Executive Summary No. 3
May 2006; 6 pp. (AHRQ 06-EHC008-1)

Fecal DNA Testing in Screening for Colorectal Cancer in Average-Risk Adults

Executive Summary No. 52
February 2012; 16 pp.
(AHRQ 12-EHC022-1)

Medications to Reduce Risk of Primary Breast Cancer in Women

Executive Summary No. 17
September 2009; 8 pp.
(AHRQ 09-EHC028-1)

Noninvasive Diagnostic Tests for Breast Abnormalities: Update of a 2006 Review

Executive Summary No. 47
February 2012; 12 pp.
(AHRQ 12-EHC014-1)

Noninvasive Tests for Breast Abnormalities

Executive Summary No. 2
February 2006; 4 pp.
(AHRQ 06-EHC005-1)

Radiotherapy Treatments for Head and Neck Cancer

Executive Summary No. 20
May 2010; 8 pp.
(AHRQ 10-EHC014-1)

Therapies for Clinically Localized Prostate Cancer

Executive Summary No. 13
February 2008; 20 pp.
(AHRQ 08-EHC010-1)

Cardiovascular Disease

Adjunctive Devices for Patients with Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention

Executive Summary No. 42
December 2011; 23 pp.
(AHRQ 11(12)-EHC089-1)

Angiotensin-Converting Enzyme Inhibitors or Angiotensin II Receptor Blockers Added to Standard Medical Therapy for Treating Stable Ischemic Heart Disease

Executive Summary No. 18
October 2009; 24 pp.
(AHRQ 10-EHC002-1)

In-Hospital Use of Recombinant Factor VIIa for Off-Label Indications vs. Usual Care

Executive Summary No. 21
May 2010; 16 pp.
(AHRQ 10-EHC030-1)

Lipid-Modifying Agents

Executive Summary No. 16
September 2009; 12 pp.
(AHRQ 09-EHC024-1)

Management Strategies for Renal Artery Stenosis

Executive Summary No. 5
October 2006; 12 pp.
(AHRQ 06-EHC004-1)

Management Strategies for Renal Artery Stenosis: 2007 Update

Executive Summary No. 5 Update
November 2007; 4 pp.
(AHRQ 07(08)-EHC004-1U)

Percutaneous Coronary Interventions and Coronary Artery Bypass Grafting for Coronary Heart Disease

Executive Summary No. 9
October 2007; 16 pp.
(AHRQ 08-EHC002-1)

Radiofrequency Catheter Ablation for Atrial Fibrillation

Executive Summary No. 15
July 2009; 8 pp.
(AHRQ 09-EHC015-1)

Chronic Conditions

Angiotensin-Converting Enzyme Inhibitors (ACEIs) and Angiotensin II Receptor Antagonists (ARBs) for Treating Essential Hypertension

Executive Summary No. 10
November 2007; 5 pp.
(AHRQ 08-EHC003-1)

Angiotensin-Converting Enzyme Inhibitors (ACEIs), Angiotensin II Receptor Antagonists (ARBs), and Direct Renin Inhibitors for Treating Essential Hypertension: An Update

Executive Summary No. 34
June 2011; 8 pp.
(AHRQ 11-EHC063-1)

Insulin Analogues in Premixed Formulations for Adults with Type 2 Diabetes

Executive Summary No. 14
September 2008; 13 pp.
(AHRQ 08-EHC017-1)

Management Strategies for Gastroesophageal Reflux Disease

Executive Summary No. 1
December 2005; 6 pp.
(AHRQ 06-EHC003-1)

Management Strategies for Gastroesophageal Reflux Disease: An Update

Executive Summary No. 29
September 2011; 18 pp.
(AHRQ 11-EHC049-1)

Oral Diabetes Medications for Adults with Type 2 Diabetes

Executive Summary No. 8
July 2007; 16 pp.
(AHRQ 07-EHC010-1)

Oral Diabetes Medications for Adults with Type 2 Diabetes: An Update

Executive Summary No. 27
March 2011; 16 pp.
(AHRQ 11-EHC038-1)

Self-Measured Blood Pressure Monitoring: Comparative Effectiveness

Executive Summary No. 45
January 2012; 20 pp.
(AHRQ 12-EHC002-1)

Developmental Delays

Attention Deficit Hyperactivity Disorder: Effectiveness of Treatment in At-Risk Preschoolers; Long-Term Effectiveness in All Ages; and Variability in Prevalence, Diagnosis, and Treatment

Executive Summary No. 44
October 2011; 23 pp.
(AHRQ 12-EHC003-1)

Therapies for Children with Autism Spectrum Disorders

Executive Summary No. 26
April 2011; 20 pp.
(AHRQ 11-EHC029-1)

Infectious Diseases

Effectiveness of Early Diagnosis, Prevention, and Treatment of *Clostridium difficile* Infection

Executive Summary No. 31
December 2011; 18 pp.
(AHRQ 11(12)-EHC051-1)

Endocrine and Metabolic Conditions

Screening and Treatment of Subclinical Hypothyroidism or Hyperthyroidism

Executive Summary No. 24
October 2011; 11 pp.
(AHRQ 11(12)-EHC033-1)

Genitourinary Conditions

Chronic Kidney Disease Stages 1-3: Screening, Monitoring, and Treatment

Executive Summary No. 37
January 2012; 20 pp.
(AHRQ 11(12)-EHC075-1)

Gynecology

Noncyclic Chronic Pelvic Pain Therapies for Women: Comparative Effectiveness

Executive Summary No. 41
January 2012; 12 pp.
(AHRQ 11(12)-EHC088-1)

Mental Health

First- and Second-Generation Antipsychotics for Children and Young Adults

Executive Summary No. 39
February 2012; 12 pp.
(AHRQ 11(12)-EHC077-1)

Nonpharmacologic Interventions for Treatment-Resistant Depression in Adults

Executive Summary No. 33
September 2011; 16 pp.
(AHRQ 11-EHC056-1)

Off-Label Use of Atypical Antipsychotics

Executive Summary No. 6
January 2007; 8 pp.
(AHRQ 07-EHC003-1)

Off-Label Use of Atypical Antipsychotics: An Update

Executive Summary No. 43
September 2011; 18 pp.
(AHRQ 11-EHC087-1)

Second-Generation Antidepressants in the Pharmacologic Treatment of Adult Depression

Executive Summary No. 7
January 2007; 16 pp.
(AHRQ 07-EHC007-1)

Second-Generation Antidepressants in the Pharmacologic Treatment of Adult Depression: An Update of the 2007 Comparative Effectiveness Review

Executive Summary No. 46
December 2011; 21 pp.
(AHRQ 12-EHC012-1)

Traumatic Brain Injury and Depression

Executive Summary No. 25
April 2011; 13 pp.
(AHRQ 11-EHC017-1)

Muscle, Bone, and Joint Conditions

Analgesics for Osteoarthritis

Executive Summary No. 4
September 2006; 12 pp.
(AHRQ 06-EHC009-1)

Analgesics for Osteoarthritis: An Update of the 2006 Comparative Effectiveness Review

Executive Summary No. 38
October 2011; 19 pp.
(AHRQ 11(12)-EHC076-1)

Disease-Modifying Antirheumatic Drugs (DMARDs) in Children with Juvenile Idiopathic Arthritis (JIA)

Executive Summary No. 28
September 2011; 10 pp.
(AHRQ 11-EHC039-1)

Drug Therapy for Rheumatoid Arthritis and Psoriatic Arthritis in Adults

Executive Summary No. 11
November 2007; 11 pp.
(AHRQ 08-EHC004-1)

Nonoperative and Operative Treatments for Rotator Cuff Tears

Executive Summary No. 22
July 2010; 8 pp.
(AHRQ 10-EHC050-1)

Pain Management Interventions for Hip Fracture

Executive Summary No. 30
May 2011; 16 pp.
(AHRQ 11-EHC022-1)

Treatments to Prevent Fractures in Men and Women with Low Bone Density or Osteoporosis

Executive Summary No. 12
December 2007; 6 pp.
(AHRQ 08-EHC008-1)

Pediatrics

Adjuvant Treatment for Phenylketonuria (PKU)

Executive Summary No. 56
February 2012; 16 pp.
(AHRQ 12-EHC035-1)

Hematopoietic Stem-Cell Transplantation in the Pediatric Population

Executive Summary No. 48
February 2012; 16 pp.
(AHRQ 12-EHC018-1)

Pregnancy and Childbirth

Terbutaline Pump for the Prevention of Preterm Birth

Executive Summary No. 35
September 2011; 18 pp.
(AHRQ 11-EHC068-1)

Technical Briefs

Neurothrombectomy Devices for Treatment of Acute Ischemic Stroke

Technical Brief No. 4
January 2011 (AHRQ 11-EHC020-1)

Particle Beam Radiation Therapies for Cancer

Technical Brief No. 1
September 2009 (AHRQ 09(10)-EHC019-1)

Technical Briefs summarize key issues related to emerging medical interventions or health care services for which published data are limited. Go to www.effectivehealthcare.ahrq.gov/reports/final.cfm for additional Technical Briefs that are available in electronic format only.

Elderly/Long-Term Care

Changes in Clinical and Hotel Expenditures Following Publication of the Nursing Home Compare Report Card.

D. Mukamel, W. Spector, J. Zinn, et al., *Medical Care*, October 2010; 48(10):869-874. Examines the hypothesis that nursing homes responding to changes in consumer demand for quality improvement shifted the balance of resources from the hotel aspects of care to clinical activities. (AHRQ 11-R001)

Community and Individual Race/Ethnicity and Home Health Care Use Among Elderly Persons in the United States.

J. Kirby, D. Lau, *Health Services Research*, October 2010; 45(5 Pt 1):1251-1267. Examines whether the interaction between individual race/ethnicity and community racial/ethnic composition is associated with health-related home care use among elderly individuals in the United States. (AHRQ 11-R021)

The Costs of Turnover in Nursing Homes.

D. Mukamel, W. Spector, R. Limcangco, et al., *Medical Care*, October 2009; 47(10):1039-1045. Presents an estimate of net costs associated with turnover of direct care staff in California

nursing homes in 2005. (AHRQ 10-R004)

Does State Regulation of Quality Impose Costs on Nursing Homes? D. Mukamel, Y. Li, C. Harrington, et al., *Medical Care* June 2011; 49(6):529-534. Estimates the costs associated with the regulation of quality in the nursing home industry. (AHRQ 11-R062)

Dual Eligibles with Mental Disorders and Medicare Part B: How Are They Faring? J. Donohue, H. Huskamp, S. Zuvekas, *Health Affairs*, May/June 2009; 28(3):746-759. Describes changes in use of psychotropic medications since 2006, when individuals who were eligible for both Medicare and Medicaid switched from Medicaid to Medicare Part D coverage for their prescription drugs. (AHRQ 09-R062)

Formal Home Care Utilization Patterns by Rural-Urban Community Residence. W. McAuley, W. Spector, J. Van Nostrand, *Journal of Gerontology*, March 2009; 64(2):258-268. Examines formal home care use among civilian adults across metro and nonmetro residential categories before and after adjustment for predisposing, enabling, and need variables. (AHRQ 10-R003)

Impact of Local Resources on Hospitalization Patterns of Medicare Beneficiaries and Propensity to Travel Outside Local Markets. J. Basu, L. Mobley, *Journal of Rural Health*, Winter 2010; 26(1):20-29. Examines how the availability of local health care resources affects travel patterns of patients aged 65 and older across the rural/urban continuum. (AHRQ 10-R037)

Is There Evidence of Cream Skimming Among Nursing Homes Following the Publication of the Nursing Home Compare Report Card? D. Mukamel, H. Ladd, D. Weimer, et al., *Gerontologist*, December 2009; 49(6):793-802. Tests empirically the hypothesis that nursing homes have responded to the publication of the report on nursing home quality by adopting cream-skimming admission policies by which they admit less sick and less frail individuals to improve their quality scores without investing additional resources. (AHRQ 10-R002)

The “Nursing Home Compare” Measure of Urinary/Fecal Incontinence: Cross-Sectional Variation, Stability Over Time, and the Impact of Case Mix. Y. Li, J. Schnelle, W. Spector, et al., *Health Services Research*, February 2010; 45(1):79-97. Describes the impact of facility case mix on cross-sectional variations and short-term stability of the “Nursing Home Compare” incontinence quality measure and discusses whether multivariate risk adjustment could minimize the impact. (AHRQ 10-R050)

On-Time Quality Improvement for Long-Term Care. Agency for Healthcare Research and Quality and the California Healthcare Foundation. The goal of this initiative is to turn daily documentation into useful information that enhances clinical care planning in long-term care facilities. A key objective is the reduction of in-house pressure ulcer rates. **Case Studies**, May 2007, 3 pp. Summarizes three case studies from this initiative: implementation of digital pen

technology, importance of daily care documentation, and use of handheld computers. (AHRQ 07-0058-3)

Frequently Asked Questions, May 2007, 2 pp. Uses a question-and-answer format to describe the On-Time Quality Improvement for Long-Term Care initiative and how facilities can participate. (AHRQ 07-0058-2)

Parental Marital Disruption, Family Type, and Transfers to Disabled Elderly Parents. L. Pezzin, R. Pollak, B. Schone, *Journals of Gerontology Series B Psychological Sciences and Social Sciences*, November 2008; 63B(6):S349-S358. Examines the effects of parental marital status, marital history, and family type on intergenerational living arrangements and adult children’s time and cash transfers to their unpartnered disabled elderly parents. (AHRQ 09-R033)

Pressure Ulcer Prevention in Long-Term-Care Facilities: A Pilot Study Implementing Standardized Nurse Aide Documentation and Feedback Reports. S. Horn, S. Sharkey, S. Hudak, et al., *Advances in Skin and Wound Care*, March 2010; 23(3):120-131. Describes the design and implementation of evidence-based changes associated with decreases in pressure ulcer development in long-term care facilities. (AHRQ 10-R047)

Publication of Quality Report Cards and Trends in Reported Quality Measures in Nursing Homes. D. Mukamel, D. Weimer, W. Spector, et al., *Health Services Research*, August 2008; 43(4):1244-1262. Uses survey data for 701 nursing homes to examine changes in outcome-based quality measures,

comparing the periods before and after publication of the first Nursing Home Compare Web-based report card in November 2002. (AHRQ 09-R014)

The Relationship Between Living Arrangement and Preventive Care Use Among Community-Dwelling Elderly Persons. D. Lau, J. Kirby, *American Journal of Public Health*, July 2009; 99(7):1315-1321. Uses 2002-2005 Medical Expenditure Panel Survey (MEPS) data to examine the relationship between living arrangement and obtaining preventive care among the elderly population. (AHRQ 09-R060)

Stage 2 Pressure Ulcer Healing in Nursing Homes. N. Bergstrom, R. Smout, S. Horn, et al., *Journal of the American Geriatrics Society*, July 2008; 56(7):1252-1258. Identifies resident and wound characteristics associated with Stage 2 pressure ulcer healing time in nursing home residents. (AHRQ 09-R001)

State Regulatory Enforcement and Nursing Home Termination from the Medicare and Medicaid Programs. Y. Li, C. Harrington, W. Spector, et al., *Health Services Research*, December 2010; 45(6 Pt 1):1796-1814. Examines the relationship between enforcement of Federal and State quality and safety standards and nursing home termination from the Medicare and Medicaid programs. (AHRQ 11-R028)

Evidence-Based Medicine

Current Guidelines Have Limited Applicability to Patients with Comorbid Conditions: A Systematic Analysis of Evidence-Based Guidelines. M. Lugtenberg, J. Burgers, C. Clancy, et al., *PLoS ONE* October 2011; 6(10):epub. Assesses the extent to which guidelines address comorbidity and the supporting evidence of recommendations related to comorbidity. (AHRQ 12-R021)

GRADE: Assessing the Quality of Evidence for Diagnostic Recommendations. H. Schunemann, A. Oxman, J. Brozek, et al., *ACP Journal Club*, December 2008; 149(6):JC6-2-JC6-3. Describes a rigorous and transparent approach for grading the quality of research evidence and strength of recommendations that can be used to guide clinical practice. (AHRQ 09-R031)

Grading the Strength of a Body of Evidence when Comparing Medical Interventions—Agency for Healthcare Research and Quality and the Effective Health Care Program. AHRQ Series Paper 5. D. Owens, K. Lohr, D. Atkins, et al., *Journal of Clinical Epidemiology*; May 2010; 63(5):513-523. Establishes guidance on grading strength of evidence for AHRQ's Evidence-based Practice Center (EPC) program. (AHRQ 10-R070)

Identifying and Using Good Practice Guidelines. K. Lin, D. Slawson, *American Family Physician*, July 2009; 80(1):67-

69. Discusses the attributes of “good” practice guidelines and the evidence that should be considered by guideline developers. (AHRQ 09-R079)

Importance of Recommendations for Gestational Weight Gain. C. Kelly, C. Clancy, *Journal of Nursing Care Quality*, April-June 2009; 24(2):96-99. Discusses the availability of new evidence that reinforces the importance of counseling women about the need to follow established recommendations for weight gain during pregnancy. (AHRQ 09-R085)

Will It Work Here? A Decisionmakers Guide to Adopting Innovations. Agency for Healthcare Research and Quality, September 2008, 116 pp. Helps decisionmakers determine whether an innovation would be a good fit for their health care organizations. (AHRQ 08-0051)

Evidence Reports/Technology Assessments

Cancer and Blood Disorders

Alcohol Consumption and Cancer Risk: Understanding Possible Causal Mechanisms for Breast and Colorectal Cancers.

Evidence Report/Technology Assessment No. 197.

Evidence Report. November 2010 (AHRQ 11-E003)

Clinical Utility of Cancer Family History Collection in Primary Care. *Evidence Report/Technology Assessment No. 179.*

Evidence Report. May 2009 (AHRQ 09-E007)

Diagnosis and Management of Ductal Carcinoma in Situ.

Evidence Report/Technology Assessment No. 185.

Evidence Report. August 2009 (AHRQ 09-E018)

Enhancing the Use and Quality of Colorectal Cancer Screening.

Evidence Report/Technology Assessment No. 190.

Evidence Report. February 2010 (AHRQ 10-E002)

An Evidence Review of Active Surveillance in Men with Localized Prostate Cancer.

Evidence Report/Technology Assessment No. 204.

Executive Summary. December 2011 (AHRQ 12-E003-1)

Family History and

Improving Health. *Evidence Report/Technology Assessment No. 186.*

Evidence Report. August 2009 (AHRQ 09-E016)

Family History of Breast, Ovarian, Prostate, and

Colorectal Cancers. *Evidence Report/Technology Assessment No. 179.*

Evidence Report. March 2009 (AHRQ 09-E007)

HER2 Testing to Manage Patients with Breast Cancer or Other Solid Tumors.

Evidence Report/Technology Assessment No. 172.

Evidence Report. November 2008 (AHRQ 09-E001)

Complementary and Alternative Care

Complementary and Alternative Medicine in Back Pain Utilization Report.

Evidence Report/Technology Assessment No. 177.

Evidence Report. February 2009 (AHRQ 09-E006)

Complementary and Alternative Therapies for Back Pain II.

Evidence Report/Technology Assessment No. 194.

Evidence Report. October 2010 (AHRQ 10(11)-E007)

Dietary Supplements

Safety of Probiotics to Reduce Risk and Prevent or Treat Disease.

Evidence Report/Technology Assessment No. 200.

Executive Summary. April 2011 (AHRQ 11-E007-1)

Vitamin D and Calcium: A Systematic Review of Health Outcomes.

Evidence Report/Technology Assessment No. 183.

Evidence Report. August 2009 (AHRQ 09-E015)

Ear, Nose, and Throat Conditions

Exercise-Induced Bronchoconstriction and Asthma.

Evidence Report/Technology Assessment No. 189.

Evidence Report. January 2010 (AHRQ 10-E001)

Management of Acute Otitis Media: Update.

Evidence Report/Technology Assessment No. 198.

Evidence Report. December 2010 (AHRQ 11-E004)

Heart and Vascular Diseases

Diagnosis and Treatment of Erectile Dysfunction.

Evidence Report/Technology Assessment No. 171.

Evidence Report. June 2009 (AHRQ 09-E016)

Outcomes of Genetic Testing in Adults with a History of Venous Thromboembolism.

Evidence Report/Technology Assessment No. 180.

Evidence Report. July 2009 (AHRQ 09-E011)

Transition of Care for Acute Stroke and Myocardial Infarction Patients: From Hospitalization to Rehabilitation, Recovery, and Secondary Prevention.

Evidence Report/Technology Assessment No. 202.

Executive Summary. October 2011 (AHRQ 11(12)-E011-1)

Infectious Diseases

Management of Chronic Hepatitis B.

Evidence Report/Technology Assessment No. 174.

Evidence Report. October 2008 (AHRQ 09-E002)

Information Technology

Barriers and Drivers of Health Information Technology Use for the Elderly, Chronically Ill, and Underserved.

Evidence Report/Technology Assessment No. 175.

Evidence Report. November 2008 (AHRQ 09-E004)

Enabling Medication Management Through Health Information Technology.

Evidence Report/Technology Assessment No. 201.

Executive Summary. April 2011 (AHRQ 11-E008-1)

Impact of Consumer Health Informatics Applications.

Evidence Report/Technology Assessment No. 187.

Evidence Report. August 2009 (AHRQ 09-E019)

Laboratory Testing

Assessment of Thiopurine Methyltransferase Activity in Patients Prescribed Azathioprine or Other Thiopurine-Based Drugs.

Evidence Report/Technology Assessment No. 196.

Evidence Report. December 2010 (AHRQ 11-E002)

Mental Health Conditions and Substance Abuse

Integration of Mental Health/Substance Abuse and Primary Care.

Evidence Report/Technology Assessment No. 173.

Evidence Report. December 2008 (AHRQ 09-E003)

Preventing Alzheimer's Disease and Cognitive Decline.

Evidence Report/Technology Assessment No. 193.

Evidence Report. July 2010 (AHRQ 10-E005)

Musculoskeletal Disorders

Treatment of Common Hip Fractures.

Evidence Report/Technology Assessment No. 182.

Evidence Report. June 2009 (AHRQ 09-E009) Available online only (<http://www.ahrq.gov/clinic/epcix.htm>)

Obstetric and Gynecologic Conditions

Inhaled Nitric Oxide in Preterm Infants.

Evidence Report/Technology Assessment No. 195.

Evidence Report. October 2010 (AHRQ 11-E001)

Maternal and Neonatal Outcomes of Elective Induction of Labor.

Evidence Report/Technology Assessment No. 176.

Evidence Report. December 2008 (AHRQ 09-E005)

Treatment of Overactive Bladder in Women.

Evidence Report/Technology Assessment No. 185.

Evidence Report. September 2009 (AHRQ 09-E017)

Vaginal Birth After Cesarean: New Insights.

Evidence Report/Technology Assessment No. 191.

Evidence Report. March 2010 (AHRQ 10-E001)

Oral and Gastrointestinal Disorders

Lactose Intolerance and Health.

Evidence Report/Technology Assessment No. 192.

Evidence Report. February 2010 (AHRQ 10-E004)

Quality Improvement and Patient Safety

Health Literacy Interventions and Outcomes: An Updated Systematic Review.

Evidence Report/Technology Assessment No. 199.

Executive Summary. March 2011 (AHRQ 11-E006-1)

Technical Reviews

Nutritional Research Series.

Agency for Healthcare Research and Quality and Office of Dietary Supplements. A series of technical reviews that explore the challenges involved in conducting nutrition-related reviews and integrating the reviews into nutrition applications.

A complete list of *Evidence Reports/Technology Assessments* is available on the AHRQ Web site at www.ahrq.gov/clinic/epcix.htm.

Advancing the Role of Systematic Reviews in Nutrition Research and Applications, Volume 1.

Technical Review 17-1, January 2009, 27 pp. Describes the steps for performing systematic reviews and highlights areas unique to the discipline of nutrition important to consider in data assessment. (AHRQ 09-0026-1)

Issues and Challenges in Conducting Systematic Reviews to Support Development of Nutrient Reference Values, Workshop Summary, Volume 2.

Technical Review 17-2, January 2009, 45 pp. Using vitamin A as an example, discusses the utility of an unbiased systematic review of a defined question. (AHRQ 09-0026-2)

Reporting of Systematic Reviews of Micronutrients and Health: A Critical Appraisal, Volume 3.

Technical Review 17-3. Discusses the reporting of nutrition variables and the importance of improved adherence to consensus methods and reporting standards. (AHRQ 09-0026-3)

More publications in AHRQ's Technical Review series are available online only at <http://www.ahrq.gov/clinic/epc/epcseries.htm#Tech>.

Health Care Costs and Utilization

Annual Medical Spending Attributable to Obesity: Payer- and Service-Specific Estimates. E. Finkelstein, J. Trogon, J. Cohen, W. Dietz, *Health Affairs*, July 2009; 28(5):w822-w831. Presents updated estimates of the costs of obesity for the United States across payers (Medicare, Medicaid, and private insurers) in separate categories for inpatient, outpatient, and prescription drug spending. (AHRQ 09-R087)

Assessment of the Impact of Two Distinct Survey Design Modifications on Health Care Utilization Estimates in the Medical Expenditure Panel Survey. S. Cohen, T. Ezzati-Rice, M. Zodet, et al., *Journal of Economics and Social Measurement* 2011; 36(1):33-69. Examines the impact on national health care utilization estimates of two dominant survey design modifications made in 2007 to AHRQ's Medical Expenditure Panel Survey. (AHRQ 12-R004)

Consumer Financial Incentives: A Decision Guide for Purchasers. Agency for Healthcare Research and Quality, November 2007, 39 pp. Provides a tool for exploring if and how consumer financial incentives might be used to improve community or market readiness for health care quality improvement. (AHRQ 07(08)-0059)

Contemporary Costs of HIV Healthcare in the HAART Era. K. Gebo, J. Fleishman, R. Conviser, et al., *AIDS*, November 2010, 24(17):2705-2715. Provides updated

estimates of expenditures for HIV management. (AHRQ 11-R020)

Cost Sharing in Medicaid and CHIP: How Does It Affect Out-of-Pocket Spending? T. Selden, G. Kenney, M. Pantell, J. Ruhter, *Health Affairs*, July/August 2009; 28(4):w607-w619. Assesses the role of cost sharing in Medicaid and the Children's Health Insurance Program (CHIP) and its potential financial burden on low-income families with children. (AHRQ 09-R072)

Costly Hospital Readmissions and Complex Chronic Illness. B. Friedman, H. Jiang, A. Elixhauser, *Inquiry*, Winter 2008/2009; 45(4):408-421. Discusses how the rate of hospital readmissions and hospital cost per person in a year depend on a patient's chronic conditions, severity of illness, principal diagnosis at discharge, payer group, and other variables. (AHRQ 09-R064)

Costs and State-Specific Rates of Thoracic and Lumbar Vertebroplasty, 2001-2005. D. Gray, W. Hollingworth, N. Onwudiwe, et al., *Spine*, 2008; 33(17):1905-

1912. Examines the volume, rates, and inflation-adjusted costs for vertebroplasty—a nonsurgical procedure to stabilize compressed vertebrae—among Medicare fee-for-service patients from 2001 to 2005. (AHRQ 09-R015)

Determinants of Utilization and Expenditures for the Episodes of Ambulatory Physical Therapy Among Adults. S. Machlin, J. Chevan, W. Yu, M. Zodet, *Physical Therapy* July 2011; 91:1018-1029. Presents an analysis of factors associated with the resource intensity of ambulatory physical therapy episodes for U.S. adults as measured by the number of visits and expenses per visit. (AHRQ 11-R074)

Disparities in Antiretroviral Treatment: A Comparison of Behaviorally HIV-Infected Youth and Adults in the HIV Research Network. A. Agwu, J. Fleishman, P. Korthuis, et al., *Journal of Acquired Immune Deficiency Syndrome* September 2011; 58(1):100-107. Analyzes and compares highly active antiretroviral treatment (HAART) initiation rates in HAART-naive youth



H-CUP
HEALTHCARE COST AND UTILIZATION PROJECT

HCUPnet. This interactive online service from the Healthcare Cost and Utilization Project (HCUP)

gives users easy access to national statistics as well as to selected State statistics about hospital stays. HCUPnet guides users step-by-step to obtain these statistics by using data from HCUP's Nationwide Inpatient Sample, Kids' Inpatient Database, and State Inpatient Databases for States that participate. Web-based

HCUPnet is a user-friendly source for information on various aspects of care in U.S. hospitals, such as: the "National Bill" for total hospital charges for the most expensive conditions; "Instant Tables" that give statistics on the most common conditions and procedures; and trends (beginning 1993) in length of hospital stays, in-hospital deaths, charges, and other outcomes for all conditions and procedures. HCUPnet is free and publicly available at: <http://hcupnet.ahrq.gov>.

(aged 18 to 24) and adults with HIV infection meeting treatment criteria. (AHRQ 12-R005)

Does Prescription Drug Adherence Reduce Hospitalizations and Costs? The Case of Diabetes. W.

Encinosa, D. Bernard, A. Dor, *Advances in Health Economics and Health Services Research*, 2010; 22:151-173. Estimates the impact of diabetic drug adherence on hospitalizations, emergency room visits, and hospital costs. (AHRQ 11-R008)

Economic Burden of Late Entry into Medical Care for Patients with HIV Infection.

J. Fleishman, B. Yehia, R. Moore, et al., *Medical Care*, December 2010; 48(12):1071-1079. Estimates direct medical care expenditures for HIV patients as a function of disease status at initial presentation to care. (AHRQ 11-R026)

The Effect of Certificate-of-Need Laws on Hospital Beds and Healthcare

Expenditures: An Empirical Analysis. F. Hellinger, *American Journal of Managed Care*, October 2009; 15(10):737-744. Estimates the effect of certificate-of-need legislation on hospital bed supply and health care expenditures. (AHRQ 10-R023)

The Effect of Tax Subsidies on High Health Care Expenditure Burdens in the United States. T. Selden,

International Journal of Health Care Finance and Economics, 2008; 8:209-223. Presents evidence on the effects of tax subsidies on the health care expenditure burdens of families with high health care costs and shows the impact that

tax subsidies have on both the prevalence and magnitude of high health care spending burdens among the nonelderly. (AHRQ 09-R010)

Geographic Variation: A View from the Hospital Sector. R.

Henke, W. Marder, B. Friedman, et al., *Medical Care Research and Review* 2011; 68(6):699-711. Analyzes national all-payer data for inpatient stays to assess variations in hospitalization by age groups, and consequently, to understand how utilization by the Medicare population may differ from utilization by non-Medicare populations. (AHRQ 12-R020)

HIV-Related Medical Service Use by Rural/Urban

Residents: A Multistate Perspective. L. Wilson, T. Korthuis, J. Fleishman, et al., *AIDS Care* August 2011; 23(3):971-979. Examines how receipt of high-quality HIV services varies according to patients' geographic location. (AHRQ 12-R006)

Inefficiency Differences Between Critical Access Hospitals and Prospectively Paid Rural Hospitals. M.

Rosko, R. Mutter, *Journal of Health Politics, Policy and Law*, February 2010; 35(1):95-126. Compares the cost efficiency of critical access hospitals with that of rural hospitals to contrast the performance of hospitals operating under different payment systems. (AHRQ 10-R056)

Infectious Disease

Hospitalizations in the United States. K. Christensen, R. Holman, C. Steiner, et al., *Clinical Infectious Diseases*, October 2009; 49(7):1025-1035. Describes the epidemiology of U.S.

hospitalizations for infectious diseases, including differences in trends and patterns of illnesses and care. (AHRQ 10-R010)

Inpatient Health Services Utilization Among HIV-Infected Adult Patients in

Care 2002-2007. B. Yehia, J. Fleishman, P. Hicks, et al., *Journal of Acquired Immune Deficiency Syndrome*, March 2010; 53(3):397-404.

Examines the frequency of inpatient hospitalization, the number of inpatient days, and factors associated with use of inpatient resources in a multistate cohort of HIV-infected adults between 2002 and 2007. (AHRQ 10-R046)

Investing in Preventive Dental Care for the Medicare Population: A Preliminary

Analysis. J. Moeller, H. Chen, R. Manski, *American Journal of Public Health*, November 2010; 100(11):2262-2269. Estimates the use of preventive dental care services by the U.S. Medicare population and assesses whether money spent on preventive dental care results in less money being spent on expensive nonpreventive procedures. (AHRQ 11-R012)

Kids' Inpatient Database

(KID). Agency for Healthcare Research and Quality, May 2007, two-fold brochure. Provides information about the Kids' Inpatient Database, a hospital administrative dataset that is designed specifically to assess hospital care among newborns, children, and adolescents. Part of the Healthcare Cost and Utilization Project (HCUP), the KID is an affordable database for studying hospital use among children. (AHRQ 06(07)-0016-2)

Mental Health and Family Out-of-Pocket Expenditure Burdens. S. Zuvekas, T. Selden, *Medical Care Research and Review*, April 2010; 67(2):194-212. Uses data from the Medical Expenditure Panel Survey (MEPS) to determine the annual and within-year concentration of medical spending and the extent to which mental health treatment contributes to high out-of-pocket burdens among families with and without mental health problems. (AHRQ 10-R069)

MEPS: A Survey of Health Care Use and Spending. Agency for Healthcare Research and Quality, July 2007, 9 pp. Brochure describes the Medical Expenditure Panel Survey (MEPS), including the various survey components; the types of data collected; how the data can be used by researchers, policymakers, health care administrators, and others; and how to obtain MEPS data. Sample MEPS findings are presented. (AHRQ 07-0078)

National Estimates of Out-of-Pocket Health Care Expenditure Burdens Among Nonelderly Adults with Cancer: 2001 to 2008. D. Bernard, S. Farr, Z. Fang, *Journal of Clinical Oncology*, June 2011; 29:e-pub. Compares the prevalence of high out-of-pocket cost burdens among patients who have cancer with other chronically ill and well patients and examines the sociodemographic characteristics associated with high burdens among patients with cancer. (AHRQ 11-R058)

Nationwide Inpatient Sample (NIS) Brochure. Agency for Healthcare Research and Quality, March 2006. Provides information about the

Nationwide Inpatient Sample (NIS), a nationally representative sample of all short-term, non-Federal hospitals. Part of the Healthcare Cost and Utilization Project, the NIS is a reliable and affordable database for studying hospital data on important health care topics. (AHRQ 06-0016-1)

New Estimates of the Demand for Physical and Mental Health Treatment. C. Meyerhoefer, S. Zuvekas, *Health Economics*, April 2009, E-pub. Discusses the methods used to estimate health care demands, examines the substantial decrease in the cost of mental health care, and explores the implications of this decrease for mental health coverage decisions in the light of health care reform. (AHRQ 09-R056)

Nontuberculous Mycobacteria-Associated Lung Disease in Hospitalized Persons, United States, 1998-2005. M. Billinger, K. Olivier, C. Viboud, et al., *Emerging Infectious Diseases*, October 2009; 15(10):1562-1569. Examines the prevalence of pulmonary nontuberculous mycobacterial infection-associated hospitalizations in selected geographic areas of the United States. (AHRQ 10-R038)

Overweight in Adolescents: Implications for Health Expenditures. A. Monheit, J. Vistnes, J. Rogowski, *Economics and Human Biology*, 2009; 7(1):55-63. Uses Medical Expenditure Panel Survey (MEPS) data to examine whether overweight adolescents incur greater health care expenditures than adolescents of normal weight. Estimates a two-part,

generalized linear model of health spending. (AHRQ 09-R009)

Patient-Centered Care Categorization of U.S. Health Care Expenditures. P. Conway, K. Goodrich, S. Machlin, et al., *Health Services Research*, April 2011; 46(2):479-490. Uses 2007 data from the Medical Expenditure Panel Survey (MEPS) to categorize medical expenditure data into seven patient-centered care categories: chronic conditions, acute illness, trauma/injury or poisoning, dental, pregnancy/birth-related, routine preventive health care, and other. (AHRQ 11-R029)

Paying Physicians by Capitation: Is the Past Now Prologue? S. Zuvekas, J. Cohen, *Health Affairs*, September 2010; 29(9):1661-1666. Analyzes trends in physician capitation over the period 1996-2007 for all types of physician care, with a focus on how individual physicians or physician practices are paid. (AHRQ 11-R003)

Profile of Inpatient Operating Room Procedures in U.S. Hospitals in 2007. A. Elixhauser, R. Andrews, *Archives of Surgery*, December 2010; 145(12):1201-1208. Uses 2007 discharge data from the Healthcare Cost and Utilization Project to provide an overview of inpatient operating room procedures in the United States. (AHRQ 11-R023)

Re-Engineered Hospital Discharge Process Lowers Readmissions, Reduces Costs. C. Clancy, *Patient Safety & Quality Healthcare*, May/June 2009; 6(3):8-9. Commentary describes problems inherent in moving patients from acute inpatient settings to outpatient

settings as quickly as possible and discusses the need for protocols to ensure that posthospital care is understood and fully communicated to outpatient clinicians in a timely and complete manner. (AHRQ 09-R069)

State Ambulatory Surgery Databases (SASD) Brochure. Agency for Healthcare Research and Quality, September 2007. Provides information about the State Ambulatory Surgery Databases (SASD), which capture ambulatory surgery encounters at hospital facilities (and some free-standing facilities) within each participating State. The SASD have been available since 1997 and are an integral component of the Healthcare Cost and Utilization Project (HCUP) family of databases. (AHRQ 06(07)-0016-4)

State- and Payer-Specific Estimates of Annual Medical Expenditures Attributable to Obesity. J. Trogon, E. Finkelstein, C. Feagan, et al., *Obesity* January 2012; 20(1):214-220. Presents current State-level estimates of the costs attributable to obesity in total and separately for Medicare and Medicaid populations. (AHRQ 11-R063)

State Emergency Department Databases (SEDD) Brochure. Agency for Healthcare Research and Quality, September 2007. Provides information about the State Emergency Department Databases (SEDD), available annually since 1999. The SEDD capture emergency visits at hospital-affiliated emergency departments that do not result in hospital admission. To facilitate multi-State comparisons and analyses, data are translated

into a uniform, user-friendly format. The SEDD are an integral component of the Healthcare Cost and Utilization Project (HCUP) family of databases. (AHRQ 06(07)-0016-5)

State Inpatient Databases (SID) Brochure. Agency for Healthcare Research and Quality, September 2007. Provides information about the State Inpatient Databases (SID), an integral component of the Healthcare Cost and Utilization Project (HCUP) family of databases. Each participating State's SID includes patient discharge records from that State. The SID have been available annually since 1990 and are ideal for studying State-level inpatient health care issues. (AHRQ 06(07)-0016-3)

State Variations in the Out-of-Pocket Spending Burden for Outpatient Mental Health Treatment. S. Zuvekas, C. Meyerhoefer, *Health Affairs*, May/June 2009; 28(3):713-722. Examines the potential of mental health/substance abuse parity laws to reduce the out-of-pocket spending burden for outpatient treatment at the State level. (AHRQ 09-R061)

A Survey of Health Care Use and Spending. Agency for Healthcare Research and Quality, October 2011, 9 pp. Brochure describes AHRQ's Medical Expenditure Panel Survey (MEPS), the individual surveys that make up MEPS, and the availability of MEPS data. (AHRQ 11(12)-0092)

Tax-Exempt Hospitals and Community Benefits: A Review of State Reporting Requirements. F. Hellinger, *Journal of Health Politics, Policy and Law*, February 2009; 34(1):37-61. Examines

the impact of Internal Revenue Service reporting requirements for tax-exempt hospitals on the provision of charity and uncompensated care. (AHRQ 09-R048)

Trends and Burden of Bronchiectasis-Associated Hospitalizations in the United States, 1993-2006. A. Seitz, K. Olivier, C. Steiner, et al., *Chest* October 2010; 138(4):944-949. Provides insights into the overall trends and burdens of bronchiectasis-associated hospitalizations in the United States. (AHRQ 12-R017)

Using Information on Clinical Conditions to Predict High-Cost Patients. J. Fleishman, J. Cohen, *Health Services Research*, April 2010; 45(2):532-552. Compares the ability of different research models to predict prospectively whether someone will incur high medical expenditures. (AHRQ 10-R052)

VA Pharmacy Users: How They Differ from Other Veterans. S. Aspinall, J. Banthin, C. Good, et al., *American Journal of Managed Care*, October 2009; 15(10):701-708. Compares users and nonusers of Veterans Affairs pharmacy services by age group. (AHRQ 10-R017)

The Within-Year Concentration of Medical Care: Implications for Family Out-of-Pocket Expenditure Burdens. T. Selden, *Health Services Research*, June 2009; 44(3):1029-1051. Examines the within-year concentration of family health care and the resulting exposure of families with short periods of high expenditure burdens. (AHRQ 09-R070)

Health Information Technology

Accuracy of a Computerized Clinical Decision-Support System for Asthma Assessment and Management.

L. Hoeksema, A. Bazy-Asaad, E. Lomotan, et al., *Journal of the American Medical Informatics Association*, May 2011; 18:243-250. Evaluates the accuracy of a computerized clinical decision-support system designed to support assessment and management of pediatric asthma in a subspecialty clinic. (AHRQ 11-R048)

Commercial Off-the-Shelf Consumer Health Informatics Interventions: Recommendations for Their Design, Evaluation, and Redesign.

J. Marquand, T. Zayas-Caban, *Journal of the American Medical Informatics Association* 2011; epub. Describes successful application of a use case-based approach to guide the effective design, evaluation, and redesign of inexpensive, commercial, off-the-shelf consumer health informatics. (AHRQ 11-R075)

Considerations for the Design of Safe and Effective Consumer Health IT Applications in the Home.

T. Zayas-Caban, B. Dixon, *Quality and Safety in Health Care*, October 2010; 19(Suppl 3):i61-i67. Presents the results of an analysis of human factors and ergonomics issues encountered by five projects during the design and implementation of home-based consumer health information technology (IT) applications. (AHRQ 11-R014)

Decisionmaker Briefs.

Agency for Healthcare Research and Quality. August 2008, 2 pp each. Describes outcomes and best practices from AHRQ-funded projects focused on use of health IT in various settings.

Bar-Coded Medication Administration.

(AHRQ 08-0085)

Chronic Disease Management.

(AHRQ 08-0084)

Computerized Provider Order Entry.

(AHRQ 08-0093)

Telehealth.

(AHRQ 08-0045)

Industrial and Systems Engineering and Health Care: Critical Areas of Research, Final Report.

Agency for Healthcare Research and Quality, May 2010, 138 pp. Explores the critical areas of research at the intersection of industrial and systems engineering and health care, with a special emphasis on the supportive role of health IT, and proposes a detailed research and action agenda. (AHRQ 10-0079)

Information Gap: Can Health Insurer Personal Health Records Meet Patients' and Physicians' Needs?

J. Grossman, T. Zayas-Caban, N. Kemper, *Health Affairs*, March/April 2009; 28(2):377-389. Describes the benefits and challenges to patients and physicians of using personal health records maintained by insurers. (AHRQ 09-R044)

Investing in Health

Information Infrastructure: Can It Help Achieve Health Reform?

C. Clancy, K. Anderson, P. White, *Health Affairs*, March/April 2009; 68(2):478-482. Identifies some near- and long-term steps that could increase the likelihood of achieving high-value health care with the aid of health

information technology. (AHRQ 09-R045)

The Public Role in Promoting Child Health Information Technology.

P. Conway, P. White, C. Clancy, *Pediatrics*, January 2009; 123(Suppl):S125-S127.

Discusses the unique aspects of health information technology that addresses children's needs and the effective adoption of such technology to enhance health care quality for children. (AHRQ 09-R038)

Redesigning Care Processes Using an Electronic Health Record: A System's Experience.

J. Brokel, M. Harrison, *Joint Commission Journal on Quality and Patient Safety*, February 2009; 35(2):82-92. Discusses the experiences of one large health system in implementing a systemwide electronic health record to promote process redesign and continuous quality improvement. (AHRQ 09-R036)

Reducing Disparities in Health Care Quality: The Role of Health IT in Underresourced Settings.

M. Gibbons, C. Casale, *Medical Care Research and Review*, October 2010; 67(5 Suppl):155-162. Outlines the process, findings, and key recommendations of an expert workshop focused on the use of health IT in underresourced health care settings. (AHRQ 11-R019)

Many other publications on health IT topics—including electronic health records, electronic prescribing, health IT in small and rural communities, health information exchange, and telehealth—can be found at www.healthit.ahrq.gov.

Health Insurance/ Access to Care

Adults with Diagnosed and Untreated Diabetes: Who Are They? How Can We Reach Them? S. Hill, G. Miller, M. Sing, *Journal of Health Care for the Poor and Underserved* November 2011; 22(4):1221-1238. Assesses factors related to lack of treatment for diabetes using 2000-2006 data from the Medical Expenditure Panel Survey (MEPS) Diabetes Care Supplement. (AHRQ 12-R025)

Adverse Selection and the Effect of Health Insurance on Utilization of Prescribed Medicine Among Patients with Chronic Conditions. Y. Pylypchuk, *Advances in Health Economics and Health Services Research*, 2010; 22:233-272. Examines the effects of health insurance types on the use of prescribed medications among patients with hypertension, diabetes, and asthma. (AHRQ 11-R011)

Changes in Hospital Readmissions for Diabetes-Related Conditions: Differences by Payer. H. Jiang, B. Friedman, R. Andrews, *Managed Care Interface*, July 2008; 21(1):24-30. Examines changes in hospital readmissions for diabetes-related conditions in light of evidence showing improvements in the quality of diabetes care in the United States. Includes adult, nonmaternal patients covered by private, Medicare, or Medicaid insurance who were hospitalized for diabetes-related conditions in six States between 1999 and 2003. (AHRQ 09-R013)

Characteristics of Employers Offering Dental Coverage in the United States. R. Manski, P. Cooper, *Journal of the American Dental Association*, June 2010; 141(6):700-711. Describes the current market for dental benefit offerings by employers, including the number and percentage of establishments that offer dental care coverage. (AHRQ 10-R077)

CMS's Landmark Decision on CT Colonography: Examining the Relevant Data. S. Dhruva, S. Phurrough, M. Salive, et al., *New England Journal of Medicine*, June 2009; 360(26):2699-2701. Discusses the decision by the Centers for Medicare & Medicaid Services to deny coverage of computed tomographic colonography for cancer screening, based on the lack of evidence, and examines the ramifications of this decision for national coverage decisions. (AHRQ 09-R075)

Connecting Those at Risk to Care: A Guide to Building a Community "HUB" to Promote a System of Collaboration, Accountability, and Improved Outcomes. Agency for Healthcare Research and Quality, September 2010, 88 pp. Provides guidance to help improve the system by which at-risk individuals within a community are identified and connected to appropriate health care and social services. (AHRQ 09(10)-0088)

Connecting Those at Risk to Care: The Quick Start Guide to Developing Community Care Coordination Pathways. Agency for Healthcare Research and Quality, December 2011, 31 pp. Describes a "Pathways

Community HUB," a new type of infrastructure that provides the beginning tools and strategies needed to ensure that at-risk individuals can access timely and coordinated health and social services in the community. (AHRQ 09(12)-0088-1)

Diffusion of New Technology and Payment Policies: Coronary Stents. C. Shih, E. Berliner, *Health Affairs*, November/December 2008; 27(6):1566-1576. Discusses the role of Medicare payment as a driver of medical technology diffusion and access to new technologies, using the case of coronary stents as an example. (AHRQ 09-R012)

Do Medicare Advantage Enrollees Tend to Be Admitted to Hospitals with Better or Worse Outcomes Compared with Fee-for-Service Enrollees? B. Friedman, H. Jiang, *International Journal of Health Care Finance and Economics*, February 2010; 10(2):171-185. Discusses the effects of enrollment in a Medicare Advantage plan on choice of hospital for Medicare beneficiaries, taking into account attributes of the plan and the tradeoffs of consumer preferences for annual premium vs. outcomes of care in the hospital. (AHRQ 10-R042)

Effects of Immigration on the Health Insurance Status of Natives. Y. Pylypchuk, *Journal of Health Economics*, June 2009; 28:1028-1037. Estimates the effects of immigration on employers' decisions to offer health benefits and natives' probability of having private coverage and being uninsured. (AHRQ 10-R007)

Families with Mixed Eligibility for Public Coverage: Navigating Medicaid, CHIP, and Uninsurance. J. Hudson, *Health Affairs*, June 2009; e-pub:w697-w709. Discusses the role that Medicaid and the Children's Health Insurance Program (CHIP) play in the high uninsurance rates that are prevalent among eligible children in families where children are eligible for different programs. (AHRQ 09-R074)

The Financing of Mental Health and Substance Abuse Services: Insurance, Managed Care, and Reimbursement. S. Zuvekas. In: *Mental Health Services: A Public Health Perspective, 3rd Edition*, B. Levin, K. Hennessy, J. Petrila, editors, 2010; chapter 2, pp. 13-41. Discusses how private-sector insurance models, including Medicare and Medicaid, operate in delivering and financing mental health and substance abuse services and examines the implications of increasing strains on public and employer-based private health insurance systems for the future of these services. (AHRQ 11-R007)

A Game-Theoretical Interpretation of Guaranteed Renewability in Health Insurance. S. Abdus, *Risk Management and Insurance Review*, Fall 2010; 13(2):195-206. Identifies and discusses the reasons why the premiums of health insurance contracts in the individual health insurance market do not vary much over time, even in the absence of any legal restriction on premiums. (AHRQ 11-R024)

Health Insurance Enrollment Decisions: Preferences for Coverage, Worker Sorting, and Insurance Take-Up. A. Monheit, J. Vistnes, *Inquiry*, Summer 2008; 45:153-167. Examines decisions by single workers to seek out and enroll in employer-sponsored health insurance plans. (AHRQ 09-R008)

The Health Insurance Status of Low-Wage Workers: The Role of Workplace Composition and Marital Status. J. Vistnes, A. Monheit, *Medical Care Research and Review*, May 2011; e-pub. Uses data from the 2006 Medical Expenditure Panel Survey to examine offers of coverage and cost-sharing requirements by the wage distribution and firm size dimensions of employers and describes the household circumstances of low-wage workers. (AHRQ 11-R051)

The Impact of Increased Tax Subsidies on the Insurance Coverage of Self-Employed Families: Evidence from the 1996-2004 Medical Expenditure Panel Survey. T. Selden, *Journal of Human Resources*, Winter 2009; 44(1):115-139. Using data from the Medical Expenditure Panel Survey, shows effects of tax subsidies on the expansion of health insurance coverage among self-employed families during the period 1996-2004. (AHRQ 09-R023)

The Impact of National Health Care Reform on Adults with Severe Mental Disorders. R. Garfield, S. Zuvekas, J. Lave, *American Journal of Psychiatry* May 2011; 168(5):486-494. Examines current and predicted sources of insurance coverage and use of mental health services among adults with and without severe mental

disorders and models post-reform changes. (AHRQ 12-R018)

Individual Insurance and Access to Care. S. Hill, *Inquiry* Summer 2011; 48(2):155-168. Compares access to care for those with individual insurance and those who have employment-related insurance. (AHRQ 12-R002)

The Influence of Changes in Dental Care Coverage on Dental Care Utilization Among Retirees and Near-Retirees in the United States, 2004-2006. R. Manski, J. Moeller, P. St. Clair, et al., *American Journal of Public Health* October 2011; 101(10):1882-1891. Examines dental care utilization transition dynamics between 2004 and 2006 in the context of changing dental coverage status. (AHRQ 12-R016)

Partially Identifying Treatment Effects with an Application to Covering the Uninsured. B. Kreider, S. Hill, *Journal of Human Resources*, Spring 2009; 44(2):409-449. Uses analytical tools and results to describe the impact of universal health insurance on provider visits and medical expenditures across the nonelderly population. (AHRQ 09-R058)

Payer Perspectives on Pharmacogenomics Testing and Drug Development. R. Epstein, F. Frueh, D. Geren, et al., *Pharmacogenomics*, January 2009; 10(1):149-151. Presents the results of a workshop held to elicit the opinions of health plan, government, and employer representatives on important considerations for study design around coverage determination. (AHRQ 09-R034)

Payment Reform. I. Fraser, W. Encinosa, L. Baker, *Health Services Research*, December 2010; 45(6 Part II):1847-1853. Introduces a themed issue of the journal that provides new information about how to best design and implement health care payment reforms. (AHRQ 11-R027)

Poor People, Poor Places and Access to Health Care in the United States. J. Kirby, *Social Forces*, September 2008; 87(1):325-355. Describes the negative relationship that exists between the prevalence of poverty in communities and access to health care and discusses the effects of this relationship on individuals at various income levels. (AHRQ 09-R047)

Premium Growth and Its Effect on Employer-Sponsored Insurance. J. Vistnes, T. Selden, *International Journal of Health Care Finance and Economics* March 2011; 11(1):55-81. Examines the effect of premium growth on the likelihood that an employer offers insurance, eligibility rates among employees, continuous measures of employee premium contributions for single and family coverage, and deductibles. (AHRQ 11-R064).

Unhealthy and Uninsured: Exploring Racial Differences in Health and Health Insurance Coverage Using a Life Table Approach. J. Kirby, T. Kaneda, *Demography*, November 2010; 47(4):1035-1051. Uses a life-table approach to calculate health- and insurance-specific life expectancies for whites and blacks to provide estimates of the duration of exposure to different insurance and health

states over a typical lifetime. (AHRQ 11-R0037)

The Utility of Prediction Models to Oversample the Long-Term Uninsured. S. Cohen, W. Yu, *Medical Care*, January 2009; 47(1):80-87. Evaluates the performance of prediction models in identifying the long-term uninsured and the usefulness of the models for oversampling purposes in national health care surveys. (AHRQ 09-R029)

Value-Based Insurance Design in Medicare. W. Encinosa, *Applied Health Economics and Health Policy*, 2009; 7(3):149-154. Discusses the financial implications of value-based insurance design for the Medicare program, as well as its benefits in terms of improved outcomes and hospitalizations avoided. (AHRQ 10-R025)

Wealth, Income, and the Affordability of Health Insurance. D. Bernard, J. Banthin, *Health Affairs*, May/June 2009; 28(3):887-896. Examines the difference in assets between the privately insured and uninsured to explore the relationship between assets and affordability of health insurance. (AHRQ 09-R059)

Health Services Research

Accuracy of Medicare Expenditures in the Medical Expenditure Panel Survey. S. Zuvekas, G. Olin, *Inquiry*, Spring 2009; 46(1):92-108. Compares expenditures reported in the Medical Expenditure Panel Survey (MEPS) with Medicare claims data for a matched sample of MEPS participants to

determine how well they correspond to each other. Focuses on implications for MEPS-based analyses. (AHRQ 09-R068)

Deriving SF-12v2 Physical and Mental Health Summary Scores: A Comparison of Different Scoring Algorithms. J. Fleishman, A. Selim, L. Kazis. *Quality of Life Research* March 2010; 19(2):231-241. Examines alternative procedures for deriving the SF12v2 physical and mental health summary scores using recent, nationally representative U.S. data. (AHRQ 11-R071)

Health Expenditure Estimation and Functional Form: Applications of the Generalized Gamma and Extended Estimating Equations Models. S. Hill, G. Miller, *Health Economics*, May 2010; 19(5):608-627. Uses data from AHRQ's Medical Expenditure Panel Survey (MEPS) to compare the bias, predictive accuracy, and marginal effects of generalized gamma models and extended estimating equations when they are used in health expenditure estimation studies. (AHRQ 10-R063)

A Health Services Research Agenda for Cellular, Molecular, and Genomic Technologies in Cancer Care. L. Wideroff, K. Phillips, G. Randhawa, et al., *Public Health Genomics*, April 2009; 12(4):233-244. Summarizes the outcomes of a National Cancer Institute workshop that examined the state of health services research on cancer-related technologies and identified priorities for expanding the evidence base on their effectiveness in routine care. (AHRQ 09-R071)

Incidence of and Risk Factors for Bacteraemia in HIV-Infected Adults in the Era of Highly Active Antiretroviral Therapy. B. Yehia, J. Fleishman, I. Wilson, et al., *HIV Medicine*, March 2011; e-pub. Assesses the incidence of bacteraemia among HIV patients followed between 2000 and 2008 at 10 HIV Research Network sites and assesses risk factors for bacteraemia and trends over time in the odds of bacteraemia. (AHRQ 11-R041)

National Release of the Nursing Home Quality Report Cards: Implications of Statistical Methodology for Risk Adjustment. Y. Li, X. Cai, L. Glance, et al., *Health Services Research*, February 2009; 44(1):79-102. Examines how alternative statistical risk-adjustment methods may affect the quality measures used in nursing home report cards. (AHRQ 09-R089)

Patient Engagement in Health Care. C. Clancy, *Health Services Research*, April 2011; 46(2):389-393. Editorial discusses methods used by health services researchers to evaluate how individuals participate in health care at various decision points and introduces four papers that appear in the same journal issue. (AHRQ 11-R043)

Sensitivity of Household Reported Medical Conditions in the Medical Expenditure Panel Survey. S. Machlin, J. Cohen, A. Elixhauser, et al., *Medical Care*, June 2009; 47(6):618-625. Uses pooled data from 4 years (2002-2005) of the Medical Expenditure Panel Survey to estimate the extent to which household respondents may underreport 23 types of medical conditions. (AHRQ 09-R073)

Updated U.S. Population Standard for the Veterans RAND 12-Item Health Survey (VR-12). A. Selim, W. Rogers, J. Fleishman, et al., *Quality of Life Research*, February 2009; 18(1):43-52. Discusses the development of an updated U.S. population standard for use in quality of life assessments that accounts for the changes in the U.S. population that have taken place in the past 20 years. (AHRQ 09-R039)

Using Proxy Measures and Other Correlates of Survey Outcomes to Adjust for Non-Response: Examples from Multiple Surveys. F. Kreuter, K. Olson, J. Wagner, et al., *Journal of the Royal Statistical Society*, April 2010; 173(2):389-407. Examines traditional covariates and new auxiliary variables for use in various surveys, including AHRQ's Medical Expenditure Panel Survey, and provides empirical estimates of the association between proxy measures and response to the survey request. (AHRQ 10-R058)

What Have We Learned from the Application of Stochastic Frontier Analysis to U.S. Hospitals? M. Rosko, R. Mutter, *Medical Care Research and Review*, June 2010; e-pub. Discusses the lessons learned from studies of U.S. hospitals that used the statistical technique, stochastic frontier analysis, to examine hospital inefficiency. (AHRQ 10-R073)

Minority Health

Acute Care Utilization and Rehospitalizations for Sickle Cell Disease. D. Brousseau, P. Owens, A. Mosso, et al., *Journal of the American Medical Association*, April 2010; 303(13):1288-1294.

Provides benchmark data for rates of acute care utilization and rehospitalizations for patients with sickle cell disease in eight geographically dispersed States. (AHRQ 10-R060)

Disparities in Infectious Disease Hospitalizations for American Indian/Alaska Native People. R. Holman, A. Folkema, R. Singleton, et al., *Public Health Reports* July/August 2011; 126(4):508-521. Describes disparities in infectious disease hospitalizations for American Indian/Alaska Native people during 2004-2006. (AHRQ 11-R073)

Examining Latino Differences in Mental Healthcare Use: The Roles of Acculturation and Attitudes Towards Healthcare. T. Berdahl, R. Stone, *Community Mental Health Journal*, August 2009; 45:393-403. Analyzes data from a nationally representative sample of Mexicans, Cubans, Puerto Ricans, and non-Latino whites to assess the relative contribution of acculturation and attitudes toward health care to use of mental health services. (AHRQ 10-R006)

Immigrants and the Use of Preventive Care in the United States. Y. Pylypchuk, J. Hudson, *Health Economics*, 2008, online. Compares immigrants' use of preventive care with that of native born Americans, accounting for insurance, lack of insurance, length of time in the United States, and language spoken. (AHRQ 09-R025)

Impact of Patient Race on Patient Experiences of Access and Communication in HIV Care. P. Korthuis, S. Saha, J. Fleishman, et al., *Journal of General Internal Medicine*,

December 2008; 23(12):2046-2052. Discusses patient-centered care and examines the associations between race and HIV-infected patients' experiences of access and communication, two dimensions of patient-centered care. (AHRQ 09-R032)

Measuring Trends in Racial/Ethnic Health Care Disparities. B. Lê Cook, T. McGuire, S. Zuvekas, *Medical Care Research and Review*, February 2009; 66(1):23-48. Uses data from the 1996-2005 Medical Expenditure Panel Survey to compare trends in disparities and assess the influence of changes in socioeconomic status among racial/ethnic minorities on disparity trends. (AHRQ 09-R019)

Medicare Managed Care and Primary Care Quality: Examining Racial/Ethnic Effects Across States. J. Basu, *Health Care Management Science* March 2012; 15(1):15-28. Assesses the role of Medicare Advantage plans in providing quality primary care in comparison to fee-for-service Medicare in three States across three racial/ethnic groups. (AHRQ 12-R014)

Methicillin-Resistant *Staphylococcus aureus*-Associated Hospitalizations Among the American Indian and Alaska Native Population. K. Byrd, R. Holman, M. Bruce, et al., *Clinical Infectious Diseases*, October 2009; 49(7):1009-1015. Describes hospitalizations related to methicillin-resistant *S. aureus* infections among the 1.6 million American Indians/Alaska Natives who receive care each year at Indian Health Service health care facilities nationwide. (AHRQ 10-R016)

Not About Us Without Us. C. Casale, C. Clancy, *Academic Medicine*, October 2009; 84(10):1333-1335. Commentary discusses the use of community-based participatory research to develop an evidence base for addressing disparities. (AHRQ 10-R022)

Racial/Ethnic and Gender Differences in Individual Workplace Injury Risk Trajectories: 1988-1998. T. Berdahl, *American Journal of Public Health*, December 2008; 98(12):2258-2263. Examines workplace injury risk over time (1988-1998) and across racial/ethnic and gender groups to observe patterns of change and to improve understanding of how occupational characteristics and job mobility influence such changes. (AHRQ 09-R020)

Self-Rated Mental Health and Racial/Ethnic Disparities in Mental Health Service Use. S. Zuvekas, J. Fleishman, *Medical Care*, September 2008; 46(9):915-923. Uses Medical Expenditure Panel Survey (MEPS) data to examine why minorities seek mental health services less frequently than whites. (AHRQ 09-R007)

Outcomes and Effectiveness Research

Adverse Events After Stopping Clopidogrel in Post-Acute Coronary Syndrome Patients: Insights from a Large Integrated Healthcare Delivery System. P. Ho, T. Tsai, T. Wang, et al., *Circulation Cardiovascular Quality and Outcomes*, May 2010; 3:303-308. Discusses the occurrence of adverse events in

cardiac patients up to 3 months after stopping clopidogrel therapy. (AHRQ 10-R062)

Best Practices in Systems Interventions to Reduce the Burden of Fractures. C. Clancy, *Osteoporosis International* August 2011; 22(Suppl 3):S441-S444. Discusses the importance of patient-centered outcomes research as the foundation for improving the quality of care, including care for fractures and osteoporosis. (AHRQ 12-R008).

Cancer Pharmacogenomics and Pharmacoepidemiology: Setting a Research Agenda to Accelerate Translation. A. Freedman, L. Sansbury, W. Figg, et al., *Journal of the National Cancer Institute*, November 2010; 102(22):1698-1705. Commentary summarizes and discusses five science-based recommendations and four infrastructure-based recommendations for research to advance understanding of why individuals respond differently to cancer therapies. (AHRQ 11-R036)

CERTs Annual Report, Year 7. Agency for Healthcare Research and Quality, May 2009, 48 pp. Highlights the ongoing work of AHRQ's Centers for Education & Research in Therapeutics (CERTs) program, presents summaries of several projects completed during the period October 2005-September 2006, and describes the efforts from newly formed centers. (AHRQ 09-0063)

The Challenge of Multiple Comorbidity for the U.S. Health Care System. A. Parekh, M. Barton, *Journal of the American Medical Association*, April 2010; 303(13):1303-1304.

Commentary discusses the challenges involved in improving care for individuals with two or more coexisting illnesses and describes AHRQ's research in this area. (AHRQ 10-R061)

Diagnostic Performance of Serum Cobalamin Tests: A Systematic Review and Meta-Analysis. C. Willis, A. Elshaug, J. Milverton, et al., *Pathology* August 2011; 43(5):472-481. Examines evidence of diagnostic accuracy for serum cobalamin (vitamin B12) tests across patient subgroups. (AHRQ 11-R067)

Effects of Antidepressant Treatment on Antiretroviral Regimen Adherence Among Depressed HIV-Infected Patients. V. Kumar, W. Encinosa, *Psychiatric Quarterly*, September 2009; 80(3):131-141. Examines whether the relationship between highly active antiretroviral therapy (HAART) medication adherence and antidepressant treatment varies with HAART regimen complexity. (AHRQ 10-R013)

Planning the Safety of Atrial Fibrillation Ablation Registry Initiative (SAFARI) as a Collaborative Pan-Stakeholder Critical Path Registry Model: A Cardiac Safety Research Consortium "Incubator" Think Tank. S. Al-Khatib, H. Calkins, B. Eloff, *American Heart Journal*, January 2010; 159(1):17-24. Summarizes the discussion at an April 2009 think tank meeting held to explore the objectives, challenges, and steps involved in developing a national registry of patients undergoing atrial fibrillation ablation procedures to capture data on long-term outcomes and safety. (AHRQ 10-R054)

The Prostate Cancer Intervention Versus Observation Trial: VA/NCI/AHRQ Cooperative Studies Program #407 (PIVOT): Design and Baseline Results of a Randomized Controlled Trial Comparing Radical Prostatectomy to Watchful Waiting for Men with Clinically Localized Prostate Cancer. T. Wilt, M. Braver, M. Barry, et al., *Contemporary Clinical Trials*, January 2009; 30(1):81-87. Describes the study rationale, design, recruitment methods, and baseline characteristics of men enrolled in the PIVOT study comparing surgery to watchful waiting for men with prostate cancer that has not spread. (AHRQ 09-R035)

Recent Improvements in Bariatric Surgery Outcomes. W. Encinosa, D. Bernard, D. Du, et al., *Medical Care*, May 2009; 47(5):531-535. Uses a nationwide, population-based sample to examine how 6-month complications of bariatric surgery improved between 2001 and 2006. (AHRQ 09-R050)

Transformation of Health Care at the Front Line. P. Conway, C. Clancy, *Journal of the American Medical Association*, February 2009; 301(7):763-765. Commentary discusses the design and effects of pay-for-performance programs on treatment options, patient outcomes, and health care costs, as well as an approach to align incentives with quality of care and value at the front line where clinicians and patients meet. (AHRQ 09-R026)

Patient Safety/Medical Errors

The Accountability Conundrum: Staying Focused, Delivering Results; A Report on the UHC 2008 Quality and Safety Forum. J. Clarke, editor, *American Journal of Medical Quality*, March/April 2009; 24(2 Suppl):5S-43S. Presents a synthesis of presentations from the University HealthSystem Consortium's 2008 quality and safety forum, including an article by AHRQ's director that describes AHRQ's efforts in knowledge creation, synthesis, and dissemination of findings related to patient safety and health care quality improvement. (AHRQ 09-R055)

Advances in Patient Safety: From Research to Implementation. Agency for Healthcare Research and Quality and U.S. Department of Defense, April 2005. Four-volume set on CD-ROM covers new patient safety findings, investigative approaches, process analyses, and practical tools for preventing medical errors and harm. **CD-ROM Volumes 1-4.** (AHRQ 05-0021-CD)

Advances in Patient Safety: New Directions and Alternative Approaches. Agency for Healthcare Research and Quality, August 2008. Four volume set comprises 115 articles that present new patient safety findings, investigative approaches, process analyses, lessons learned, and practical tools for improving patient safety. Available in print (single copies of 4-volume set or individual volumes available

AHRQ Patient Safety Network – A National Patient Safety Resource

The AHRQ Patient Safety Network (AHRQ PSNet) is a Web-based resource featuring the latest news and essential resources on patient safety. The site offers weekly updates of patient safety literature, news, tools, and meetings and other useful information. AHRQ PSNet provides powerful searching and browsing capability, as well as the ability to customize the site around users' interests ("My PSNet"). To learn more and watch a video tutorial of the site's enhanced navigation features, visit www.psnet.ahrq.gov.

free) and as a searchable CD-ROM. (AHRQ 08-0034)
CD-ROM Volumes 1-4. (AHRQ 08-0034-CD)

Advancing Patient Safety: A Decade of Evidence Design and Implementation. Agency for Healthcare Research and Quality, November 2009, 12 pp. Briefly describes AHRQ's contributions in advancing patient safety over the past decade. (AHRQ 09(10)-0084)

Adverse Event Reporting Practices by U.S. Hospitals: Results of a National Survey. D. Farley, A. Haviland, S. Champagne, et al., *Quality and Safety in Health Care*, December 2008; 17(6):416-423. Reports on the results of a national survey of 2,050 non-Federal U.S. hospitals that gathered baseline data on the characteristics of systems and processes the hospitals were using for adverse event reporting for use in assessing improvement in reporting. (AHRQ 09-R021)

Adverse Event Reporting Systems and Safer Healthcare. J. Battles, D. Stevens, *Quality and Safety in Health Care*, February 2009; 18(1):2. Editorial discusses the potential of adverse event reporting systems to improve patient safety and the slow progress that has been made

thus far in implementing such systems. (AHRQ 09-R043)

Alleviating "Second Victim" Syndrome: How We Should Handle Patient Harm. C. Clancy, *Journal of Nursing Care Quality* January-March 2012; 27(1):1-5. Commentary describes how a health care worker can become a second victim of a medical error and the critical importance of disclosure in improving patient safety. (AHRQ 12-R030)

Applying Trigger Tools to Detect Adverse Events Associated with Outpatient Surgery. A. Rosen, H. Mull, H. Kaafarani, et al., *Journal of Patient Safety*, March 2011; 7(1):45-59. Evaluates the performance of five triggers to detect adverse events associated with outpatient surgery. (AHRQ 11-R042)

Becoming a High Reliability Organization: Operational Advice for Hospital Leaders. Agency for Healthcare Research and Quality, February

2008, 36 pp. Discusses five key high reliability concepts and tools that a growing number of hospitals are using to help achieve their safety, quality, and efficiency goals to improve patient safety and care. Key concepts include sensitivity to operations, reluctance to simplify, preoccupation with failure, deference to expertise, and resilience. (AHRQ 08-0022)

The Canary's Warning: Why Infections Matter. C. Clancy, *American Journal of Medical Quality*, November/December 2009; 24(6):462-464. Editorial focuses on measures used to screen for adverse events that patients may experience while in the health care system, particularly the usefulness of a measure of infections due to medical care. (AHRQ 10-R018)

CMS's Hospital Acquired Condition Lists Link Hospital Payment, Patient Safety. C. Clancy, *American Journal of Medical Quality*, March/April 2009; 24(2):166-168. Commentary discusses the Centers for Medicare & Medicaid Services' change in policy that denies hospital payment for certain preventable adverse events that are the result of the hospital's care and the policy implications of this change, as well as its potential for quality improvement. (AHRQ 09-R054)

AHRQ WebM&M – Morbidity and Mortality Rounds on the Web

AHRQ WebM&M (Morbidity and Mortality Rounds on the Web) is the online journal and forum on patient safety and health care quality. This site features expert analysis of medical errors reported anonymously by our readers, Perspectives on Safety, and interactive learning modules on patient safety ("Spotlight Cases"). CME and CEU credits are available.

To learn more, visit www.webmm.ahrq.gov.

TeamSTEPPS™: Strategies and Tools to Enhance Performance and Patient Safety

Agency for Healthcare Research and Quality and Department of Defense, September 2006. A comprehensive set of ready-to-use materials and training curricula for health care organizations provides techniques to improve the ability of teams to respond quickly and effectively to high-stress situations.

Guide to Action. November 2008, 25 pp. Presents an overview of the TeamSTEPPS system—including principles, methodologies, training curricula, and resources—and briefly discusses the TeamSTEPPS scientific foundation. (AHRQ 06-0020-4; single copies free)

Instructor Guide. 794 pp., explains how to conduct a pre-training assessment of an organization's training needs, how to present the information effectively, and how to manage organizational change. Includes printed materials in a 3-inch loose-leaf binder, plus the *Multimedia Resource Kit* and the *Pocket Guide* (see below). (AHRQ 06-0020-0; single copies \$12.00 for shipping to addresses within the U.S.)

Multimedia Resource Kit. Includes contents of the *Instructor Guide* and the *Pocket Guide* as printable files (Word®, PDF, and PowerPoint®), plus a DVD that contains nine video vignettes. (AHRQ 06-0020-3; single copies free)

Pocket Guide. Spiral-bound, 36 pp., summarizes TeamSTEPPS principles in a portable, easy-to-use format. (AHRQ 06-0020-2; single copies free)

Poster. 17 x 22 inches, tells your staff you are adopting TeamSTEPPS (AHRQ 06-0020-5; single copies free)

Rapid Response System Module. March 2009, CD. Provides an overview of the Rapid Response System and the role of the Rapid Response Team, which comprises clinicians who bring critical care expertise to patients requiring immediate treatment while in the hospital. Includes curriculum slides, an instructor guide, and video vignettes. (AHRQ 08(09)-0074-CD; single copies free)

Consensus-Based Recommendations for Research Priorities Related to Interventions to Safeguard Patient Safety in the Crowded Emergency Department. C. Fee, K. Hall, J. Morrison, et al., *Academic Emergency Medicine* December 2011; 18(12):1283-1288. Summarizes the results of the Interventions to Safeguard Safety breakout session of the 2011 consensus conference “Interventions to Assure Quality in the Crowded

Emergency Department” and identifies seven research priorities for maintaining safety in that setting. (AHRQ 12-R033)

The Cost and Incidence of Prescribing Errors Among Privately Insured HIV Patients. F. Hellinger, W. Encinosa, *Pharmacoeconomics*, January 2010; 28(1):23-34. Examines the cost and frequency of antiretroviral prescribing errors among a sample of privately

insured patients with HIV disease. (AHRQ 10-R044)

Do Patient Safety Events Increase Readmissions? B. Friedman, W. Encinosa, H. Jiang, et al., *Medical Care*, May 2009; 47(5):583-590. Examines the effects of adverse safety events in the hospital on risks of death and readmission. (AHRQ 09-R051)

DoD Medical Team Training Programs: An Independent Case Study Analysis. Agency for Healthcare Research and Quality and Department of Defense, May 2006, 57 pp. Describes results of an evaluation of three Department of Defense-sponsored medical team training programs. (AHRQ 06-0001) Companion to *Medical Teamwork and Patient Safety: The Evidence-Based Relation* (AHRQ 06-0053)

Establishing a Global Learning Community for Incident-Reporting Systems. J. Pham, S. Gianci, J. Battles, et al., *Quality and Safety in Health Care*, October 2010; 19(5):446-451. Offers guidance through a presentation of expert discussions about methods to identify, analyze, and prioritize incidents, mitigate hazards, and evaluate risk reduction. (AHRQ 11-R018)

From Research to Practice: Factors Affecting Implementation of Prospective Targeted Injury-Detection Systems. A Sorensen, M. Harrison, H. Kane, et al., *British Medical Journal of Quality and Safety* June 2011; 20(6):527-533. Describes key factors that shaped implementation of prospective targeted injury-detection systems for adverse drug events and nosocomial

pressure ulcers at five hospitals. (AHRQ 11-R069)

Guide for Developing a Community-Based Patient Safety Advisory Council.

Agency for Healthcare Research and Quality, March 2008, 50 pp. Provides information and guidance that individuals and organizations can use to develop community-based advisory councils to bring about improvements in patient safety through education, collaboration, and consumer engagement. (AHRQ 08-0048)

Hospital Survey on Patient Safety Culture. Agency for Healthcare Research and Quality, September 2004, 75 pp. Includes a review of the literature pertaining to safety issues, accidents, medical errors, error reporting, and the safety climate of hospital environments. The final survey was pilot tested with more than 1,400 hospital employees across the United States, and includes information on sample group selection, data collection, and interpreting results. (AHRQ 04-0041)

Hospital Survey on Patient Safety Culture: 2012 User Comparative Database Report. Agency for Healthcare Research and Quality, February 2012, 69 pp. Presents survey results for 1,128 hospitals and 567,703 hospital staff respondents, as well as a chapter on trending that shows change over time for 650 hospitals that administered the survey and submitted data more than once. (AHRQ 12-0017)

Comparative Database Reports for 2007 through 2011 are also available; go to <http://www.ahrq.gov/qual/patientsafetyculture/>.

The Human Factors of Home Health Care: A Conceptual Model for Examining Safety and Quality Concerns. K. Henriksen, A. Joseph, T. Zayas-Caban, *Journal of Patient Safety*, December 2009; 5(4):229-236. Examines the human factors challenges associated with providing home health care to an aging population that is steadily increasing in number and longevity. (AHRQ 10-R020)

Incidence and Types of Non-Ideal Care Events in an Emergency Department. K. Hall, S. Schenkel, J. Hirshon, et al., *Quality and Safety in Health Care*, October 2010; 19(Suppl 3):i20-i25. Identifies and characterizes hazardous conditions in the emergency department of an urban, academic tertiary care medical center. (AHRQ 11-R015)

Incorrect Surgical Procedures Within and Outside of the Operating Room: A Follow-Up Report. J. Neily, P. Mills, N. Eldridge, et al., *Archives of Surgery*, November 2011; 146(11):1235-1239. Describes incorrect surgical procedures reported from mid-2006 to 2009 from Veterans Health Administration medical centers and builds on previously reported events from 2001 to mid-2006. (AHRQ 11-R076)

Medical Office Survey on Patient Safety Culture. Agency for Healthcare Research and Quality, November 2008, 54 pp. Presents materials for a survey that is designed to measure patient safety culture in an individual medical office by assessing the opinions of staff at all levels, from physicians to receptionists. Includes guidance on how to collect and report data, as well as how to

conduct a Web-based survey. (AHRQ 08(09)-0059)

Mistake-Proofing the Design of Health Care Processes. Agency for Healthcare Research and Quality, May 2007, CD-ROM. Provides an in-depth introduction to mistake-proofing, a little-known but very promising approach to preventing medical errors and reducing the adverse events that result from errors. (AHRQ 07-0020-CD)

More Work Is Needed to Protect Medical Residents from Fatigue and Potential Errors, IOM Report Finds. C. Clancy, *American Journal of Medical Quality*, May/June 2009; 24(3):259-261. Commentary briefly discusses a recent AHRQ-funded report by the Institute of Medicine on the effects of sleep deprivation among medical residents, presents recommendations for addressing acute and chronic fatigue among these providers, and describes AHRQ's evidence-based tools to help hospitals assess and improve their patient safety culture and teamwork. (AHRQ 09-R065)

New Patient Safety Culture Survey Helps Medical Offices Assess Awareness. C. Clancy, *American Journal of Medical Quality*, September/October 2009; 24(5):441-443. Discusses the development and features of AHRQ's new Medical Office Survey on Patient Safety Culture, a tool to assist medical offices in evaluating staff's understanding of patient safety issues. (AHRQ 10-R001)

New Patient Safety Organizations Can Help Providers Learn From and Reduce Patient Safety Events. C. Clancy, *Journal of Patient Safety*, March 2009; 5(1):1-2. Discusses the roles

and responsibilities of patient safety organizations and invites interested organizations to join the program. (AHRQ 09-R049)

New Patient Safety Organizations Lower Roadblocks to Medical Error Reporting. C. Clancy,

American Journal of Medical Quality, 2008; 23:318-321. Discusses the importance of sharing information about events that jeopardize patient safety and the role of clinicians and patient safety organizations, working within a protected legal environment, in sharing information about medical errors and near misses to facilitate better error prevention strategies. (AHRQ 09-R002)

New Research Highlights the Role of Patient Safety Culture and Safer Care. C.

Clancy, *Journal of Nursing Care Quality* July/September 2011; 26(3):193-196. Commentary discusses patient safety in nursing practice and emphasizes expansion of a patient safety culture from the nursing unit to the entire organization and the influence of a learning climate on error-producing conditions and medication errors in nursing units. (AHRQ 11-R070)

Nursing Home Survey on Patient Safety Culture.

Agency for Healthcare Research and Quality, November 2008, 52 pp. Presents a survey designed to measure resident safety culture in a nursing home facility or in a special contained area of a facility that includes only licensed nursing home beds. Guidance is provided for data collection and reporting. (AHRQ 08(09)-0060)

Partial Truths in the Pursuit of Patient Safety. K.

Henriksen, *Quality and Safety in Health Care*, October 2010; 19(Suppl 3):i3-i7. Explores several issues in the form of partial truths that dominate current thinking as researchers continue their patient safety efforts. (AHRQ 11-R016).

Patient Safety and Medical Liability Reform: Putting the Patient First. C. Clancy,

Patient Safety & Quality Healthcare, September/October 2010; 7(5):6-7. Presents background information on medical liability reform and discusses AHRQ's new Patient Safety and Medical Liability Initiative launched in June 2010. (AHRQ 11-R035)

Patient Safety and Quality: An Evidence-Based Handbook for Nurses.

Agency for Healthcare Research and Quality, April 2008, 1,400 pp. This three-volume resource, available in print and as a searchable CD-ROM, contains 89 contributions that represent the work of a broad range of nurses and other patient safety researchers, spanning a range of issues applicable to a variety of health care settings. (AHRQ 08-0043) **CD-ROM** (AHRQ 08-0043-CD)

Patient Safety Improvement Corps: Tools, Methods, and Techniques for Improving Patient Safety. Agency for

Healthcare Research and Quality and Department of Veterans Affairs, August 2007, DVD. Provides a self-paced, modular approach to training individuals involved in patient safety activities at the institutional level. Presents eight modules that depict processes and tools that can be

used to develop a systems-based approach to patient safety including: investigation of medical errors and their root causes; identification, implementation, and evaluation of system-level interventions to address patient safety concerns; and steps necessary to promote a culture of safety within a hospital or other health care facility. (AHRQ 07-0035-DVD)

Pharmacists Emerge as Key Stakeholders in Quality, Patient Safety Efforts. C.

Kelly, C. Clancy, *Journal of the American Pharmacists Association*, March/April 2009; 49(2):146-150. Presents information about AHRQ's involvement in promoting the role of pharmacists in patient safety, studies underway to evaluate pharmacy services, the ability of emergency pharmacists to reduce medication errors, and efforts to improve health literacy with regard to patients' understanding of the medications they are prescribed. (AHRQ 09-R057)

Problems and Prevention: Chest Tube Insertion. Agency for Healthcare Research and Quality and University of Maryland School of Medicine, September 2006, 11-minute DVD. Uses video excerpts of 50 actual chest tube insertion procedures to illustrate problems that can occur and provides correct techniques for inserting chest tubes. (AHRQ 06-0069-DVD)

Racial Disparities in the Frequency of Patient Safety Events: Results from the National Medicare Patient Safety Monitoring System.

M. Metersky, D. Hunt, R. Kliman, et al., *Medical Care*, May 2011; 49(5):504-510.

Examines whether there are racial disparities in the frequency of adverse events studied in the Medicare Patient Safety Monitoring System. (AHRQ 11-R050)

Reducing Health Care Hazards: Lessons from the Commercial Aviation Safety Team. P. Pronovost, C. Goeschel, K. Olsen, et al., *Health Affairs*, April 2009; 28(3):w479-w489. Explores the usefulness of a public-private partnership—similar to that used by the aviation industry—to coordinate national efforts to improve quality of care and patient safety. (AHRQ 10-R021)

Reengineering Hospital Discharge: A Protocol to Improve Patient Safety, Reduce Costs, and Boost Patient Satisfaction. C. Clancy, *American Journal of Medical Quality*, July/August 2009; 24(4):344-346. Commentary focuses on the redesign of hospital discharge protocols and the effects that can have on reducing readmissions, lowering costs, and improving patient safety and patient satisfaction. (AHRQ 09-R082)

The Science of Safety Improvement: Learning While Doing. C. Clancy, D. Berwick, *Annals of Internal Medicine*, May 2011; 154(10):699-700. Editorial discusses the challenges associated with designing patient safety research and evaluation projects that can better assist hospitals and clinicians who aspire to provide high-quality, safe care to patients. (AHRQ 11-R060)

Ten Years After To Err Is Human. C. Clancy, *American Journal of Medical Quality*, November/December 2009; 24(6):525-528. Commentary discusses progress made in reducing medical errors in the 10 years since the Institute of Medicine's sentinel report, *To Err Is Human*, and describes patient safety work done by AHRQ during those years. (AHRQ 10-R019)

Testing the Association Between Patient Safety Indicators and Hospital Structural Characteristics in VA and Nonfederal Hospitals. P. Rivard, A. Elixhauser, C. Christiansen, et al., *Medical Care Research and Review*, June 2010; 67(3):321-341. Examines the association between hospital structural characteristics—teaching status, bedsize, and nurse staffing—and potentially preventable adverse events. (AHRQ 10-R027)

Tools to Alleviate Safety Concerns. C. Clancy, *Trustee*, November/December 2009; 19(6):390-397. AHRQ director discusses the Agency's patient safety mission and goals and highlights tools and other resources available from AHRQ to facilitate hospital quality improvement efforts. (AHRQ 10-R028)

Towards a Safer Healthcare System. K. Henriksen, S. Albolino, *Quality and Safety in Health Care*, October 2010; 19(Suppl 3):i1-i2. Presents introductory remarks for a journal supplement focused on the interplay between ergonomics, human factors, and patient safety. (AHRQ 11-R017)

Transforming Healthcare: A Safety Imperative. L. Leape, D. Berwick, C. Clancy, et al., *Quality and Safety in Health Care*, December 2009; 18(6):424-428. Introduces five concepts fundamental to improving patient safety—transparency, care integration, patient/consumer engagement, restoration of joy and meaning in work, and medical education reform—and discusses the meaning and implications of each as a component of a vision for health care safety improvement. (AHRQ 10-R035)

Transforming Hospitals: Designing for Safety and Quality. Agency for Healthcare Research and Quality, September 2007, DVD. Reviews the case for evidence-based hospital design and how it can increase patient and staff satisfaction and safety, quality of care, and employee retention, as well as how it results in a positive return on investment. Describes the experiences of three modern hospitals that incorporated evidence-based design elements into their construction and renovation projects. (AHRQ 07-0076-DVD)

Triggers and Targeted Injury Detection Systems (TIDS) Expert Panel Meeting: Conference Summary. Agency for Healthcare Research and Quality, February 2009, 50 pp. Presents background information on the development and implementation of clinical triggers and targeted injury detection systems to identify patient safety risks and hazards. Includes eight papers presented at a 2008 AHRQ-sponsored conference focused on triggers and TIDS. (AHRQ 09-0003)

Prevention

Men Stay Healthy at Any Age.

Agency for Healthcare Research and Quality, August 2010, eight-panel brochure. Explains recommendations made by the U.S. Preventive Services Task Force for men's preventive health. Describes screening tests (when and how often they should be conducted), preventive medicine, and daily steps to good health. (AHRQ 10-IP004-A; contact the AHRQ Publications Clearinghouse for information on bulk orders.) **Spanish language brochure** (AHRQ 10(11)-IP004-B)

Men Stay Healthy at 50+.

Agency for Healthcare Research and Quality, July 2011, eight-panel brochure. Explains recommendations made by the U.S. Preventive Services Task Force for preventive health services for men aged 50 and older. Describes screening tests (when and how often they should be conducted), preventive medicine, and daily steps to good health. AHRQ 10(11)-IP005-A; contact the AHRQ Publications Clearinghouse for information

on bulk orders.) **Spanish language booklet** (AHRQ 10(11)-IP005-B)

Reconsidering the Approach to Prevention

Recommendations for Older Adults.

R. Leipzig, E. Whitlock, T. Wolff, et al., *Annals of Internal Medicine*, December 2010; 153(12):809-814. Describes new methods being used to review evidence and make recommendations for clinical preventive services for the geriatric population. (AHRQ 11-R038)

Screening for Colorectal Cancer.

K. Lin, R. Sharangpani, *American Family Physician*, April 2010, 81(8):1017-1018. Presents a case study and related questions about screening for colorectal cancer in asymptomatic individuals at average risk for the disease. (AHRQ 10-R064)

Screening for Prostate Cancer with PSA Testing: Current Status and Future Directions.

J. Croswell, B. Kramer, E. Crawford, *Oncology* May 2011; 25(6):425-460. Reviews the literature on prostate cancer screening and discusses

potential explanations for the contradictory results of the two largest randomized trials. (AHRQ 12-R009)

Screening of Infants for Hyperbilirubinemia to Prevent Chronic Bilirubin Encephalopathy.

K. Lin, M. Humphrey, *American Family Physician*, August 2010; 82(4):411-412. Presents an example of an evidence-based approach to screening of newborn infants for elevated bilirubin. (AHRQ 11-R002)

Women Stay Healthy at Any Age.

Agency for Healthcare Research and Quality, August 2010, eight-panel brochure. Explains recommendations from the U.S. Preventive Services Task Force for women's preventive health care. Describes screening tests (when and how often they should be conducted), preventive medicine, and daily steps to good health. AHRQ 10-IP002-A; contact the AHRQ Publications Clearinghouse for information on bulk orders.) **Spanish language brochure** (AHRQ 10(11)-IP002-B)

Women Stay Healthy at 50+.

Agency for Healthcare Research and Quality, July 2011, eight-panel brochure. Explains recommendations from the U.S. Preventive Services Task Force on health and disease prevention for women aged 50 and older. Describes screening tests (when and how often they should be conducted), preventive medicine, and daily steps to good health. AHRQ 11-IP001-A; contact the AHRQ Publications Clearinghouse for information on bulk orders.) **Spanish language booklet** (AHRQ 11-IP001-B)

Electronic Preventive Services Selector (ePSS)

AHRQ's Electronic Preventive Services Selector (ePSS) is a quick, hands-on tool to help primary care clinicians identify and offer the screening, counseling, and preventive medication services that are appropriate for their patients. The ePSS is based on the current, evidence-based recommendations of the U.S. Preventive Services Task Force and can be searched by patient characteristics such as age, sex, and selected behavioral risk factors. The tool is available as a Web-based selector, a downloadable PDS or mobile device application, or a widget that can be used to add the ePSS recommendations to any Web site. The ePSS brings the prevention information clinicians need—recommendations, clinical considerations, and selected practice tools—to the point of care.

Available at: www.epss.ahrq.gov

U.S. Preventive Services Task Force

The U.S. Preventive Services Task Force (USPSTF) is an independent panel of experts in primary care and prevention that systematically reviews the evidence of effectiveness and develops recommendations for clinical preventive services.

The Guide to Clinical Preventive Services 2010-2011. September 2010, 280 pp. Pocket-sized guide is a compilation of abridged USPSTF recommendations released from 2002 to March 2010 that can be used as an evidence-based tool at the point of patient care. (AHRQ 10-05145; single copies free; contact the AHRQ Publications Clearinghouse for pricing information on bulk orders)

For more information about how AHRQ supports the USPSTF, including links to online publications and other resources, go to www.ahrq.gov/clinic/prevenix.htm. For consumer resources, see the Consumer Information and Education section of this catalog.

Primary Care

Colorectal Cancer Screening by Primary Care Physicians: Recommendations and Practices, 2006-2007. C. Klabunde, D. Lanier, M. Nadel, et al., *American Journal of Preventive Medicine*, July 2009; 37(1):8-16. Describes the colorectal cancer screening recommendations and practices of U.S. primary care physicians and compares them to findings

from a 1999-2000 national provider survey. (AHRQ 09-R076)

Coordinating Care in the Medical Neighborhood: Critical Components and Available Mechanisms. *White paper.* Agency for Healthcare Research and Quality, June 2011, 39 pp. Examines the various “neighbors” in the medical neighborhood and how these neighbors might work together more effectively, thus allowing the patient-centered medical home to reach its full potential to improve patient outcomes. (AHRQ 11-0064)

Evidence on the Chronic Care Model in the New Millennium. K. Coleman, B. Austin, C. Brach, E. Wagner, *Health Affairs*, January-February 2009; 28(1):75-85. Examines the evidence on the effectiveness of the chronic care model in improving outpatient care for people with chronic illnesses. (AHRQ 09-R016)

Health Information Technology: Turning the Patient-Centered Medical Home from Concept to Reality. D. Meyers, M. Quinn, C. Clancy, *American Journal of Medical Quality*, March-April 2011; 26(2):154-156. Commentary discusses the concept of a patient-centered medical home and the role of AHRQ research focused on applying the best features of health IT to create a patient-centered medical home that will improve health care for all Americans. (AHRQ 11-R044)

A Logic Model Framework for Evaluation and Planning in a Primary Care Practice-Based Research Network (PBRN). H. Hayes, M. Parchman, R. Howard, *Journal of the American Board of Family Medicine* September/October 2011; 24(5):576-582. Commentary describes the development of a logic model and how the framework has been used for planning and evaluation in a primary care PBRN. (AHRQ 12-R010)

A National Agenda for Research in Collaborative Care: Papers from the Collaborative Care Research Network Research Development Conference. Agency for Healthcare Research and Quality, July 2011, 44 pp. Presents three research papers from an AHRQ-funded conference held October 2009 in Denver, CO. Topics include establishing a research agenda for collaborative care among primary care and mental health clinicians, emphasizing the recognition and care of mental health problems in primary care settings, and fostering effective collaboration among primary care and mental health clinicians. (AHRQ 11-0067)

Patient Self-Management Support Programs: An Evaluation. Agency for Healthcare Research and Quality, November 2007, 50 pp. Presents a number of key considerations for developers and purchasers of patient self-management support programs, as well as program evaluation measures used in research and

Many other publications related to the patient-centered medical home (PCMH) can be found at pcmh.ahrq.gov.

by existing programs. (AHRQ 08-0011)

Patient-Centered Medical Home Cyberinfrastructure: Current and Future Landscape. J. Finkelstein, M. Barr, P. Kothari, et al., *American Journal of Preventive Medicine*, May 2011; 40(5 Suppl 2):225-233. Summarizes the discussions of an AHRQ-sponsored expert panel on the patient-centered medical home (PCMH) as an evolving model of health care delivery, including health information technology applications to support the PCMH now and in the future. (AHRQ 11-R055)

The Patient-Centered Medical Home: Strategies to Put Patients at the Center of Primary Care. *Decisionmaker Brief.* Agency for Healthcare Research and Quality, February 2011, 6 pp. Outlines opportunities for decisionmakers to encourage greater patient involvement in the medical home, focusing on patient engagement, quality improvement, and patient input into policy and research. (AHRQ 11-0029)

Potentially Preventable Hospitalizations—United States, 2004-2007. E. Moy, M. Barrett, K. Ho, *Morbidity and Mortality Weekly Report*, January 2011; 60:80-83. Discusses findings from an analysis of 2004-2007 data on racial/ethnic and income disparities in the occurrence of potentially preventable hospitalizations and estimates the impact of reducing preventable hospitalizations to a best rate in terms of number of admissions and associated costs. (AHRQ 11-R057)

Precision Science and Patient-Centered Care. C. Clancy, *Academic Medicine*, June 2011; 86:667-670. Discusses the unique features of patient-centered outcomes research, including longitudinal patient followup, the inclusion of patient-reported outcomes, and the dynamic interaction among all stakeholders throughout all phases of the research. (AHRQ 11-R059)

Prevalence, Severity, and Treatment of Community-Acquired Methicillin-Resistant *Staphylococcus aureus* (CA-MRSA) Skin and Soft Tissue Infections in 10 Medical Clinics in Texas: A South Texas Ambulatory Research Network (STARNet) Study. N. Forcade, M. Parchman, H. Jorgenson, et al., *Journal of the American Board of Family Medicine* September/October 2011; 24(5):543-550. Quantifies the prevalence, measures the severity, and describes treatment patterns in patients with community-acquired MRSA skin and soft tissue infections. (AHRQ 12-R007)

Primary Care: Too Important to Fail. D. Meyers, C. Clancy, *Annals of Internal Medicine*, February 2009; 150(4):272-273. Discusses the functions of primary care in America's health care system and offers some suggestions to assist primary care practices in meeting the challenges of increasing demands and expectations alongside increasing attrition in the current workforce and diminishing economic margins. (AHRQ 09-R037)

Re: The Agency for Healthcare Research and Quality (AHRQ) Practice-Based Research Network (PBRN) Relationship: Delivering on an Opportunity, Challenges, and Future Directions. D. Meyers, M. Parchman, *Journal of the American Board of Family Medicine* September/October 2011; 24(5):493. Summarizes the contract history of AHRQ-funded PBRNs and a recent change in leadership of AHRQ's PBRN initiative. (AHRQ 12-R012)

Strategies to Ensure HITECH Supports the Patient-Centered Medical Home. *Decisionmaker Brief.* Agency for Healthcare Research and Quality, February 2011, 6 pp. Addresses how the adoption and meaningful use of electronic health records will help support some aspects of the patient-centered medical home model and discusses Federal health reform legislation, including the HITECH Act, and policy options that could ensure support for the transformation of primary care. (AHRQ 11-0013)

A Tribute to Dr. David Lanier. D. Meyers, *Journal of the American Board of Family Medicine* September/October 2011; 24(5):494-495. Comments on the role of Dr. Lanier in the PBRN movement on the occasion of his retirement from the U.S. Public Health Service and AHRQ. (AHRQ 12-R011)

Using the Evidence: PCMH and Patient-Centered Outcomes Research. D. Meyers, *Journal of the American Pharmacists Association*, March/April 2011; 51(2):155. Discusses AHRQ's role and investment in

outcomes research and research on the patient-centered medical home. (AHRQ 11-R056)

Quality of Care

As Obesity Epidemic Escalates, Need for More Screening and Counseling Grows. C. Clancy, *Journal of Nursing Care Quality*, January-March 2011; 26(1):1-3. Commentary discusses the scope of the obesity epidemic in the United States and new opportunities for counseling and other preventive services made possible by the recent health care reform legislation. (AHRQ 11-R039)

Asthma Care Quality Improvement. Agency for Healthcare Research and Quality, 2006. A resource guide and workbook to help State leaders implement quality improvement plans or enhance existing plans for asthma care in their States.

Resource Guide, 151 pp. (AHRQ 06-0012-1)

Workbook, 39 pp. (AHRQ 06-0012-2)

Board Oversight of Quality: Any Differences in Process of Care and Mortality? H. Jiang, C. Lockee, K. Bass, et al., *Journal of Healthcare Management*, January/February 2009; 54(1):15-30. Examines differences in hospital quality performance associated with the adoption of particular practices in oversight of quality by hospital governing boards. (AHRQ 09-R041)

Building Capacity for a Transformation Initiative: System Redesign at Denver Health. M. Harrison, J. Kimani, *Health Care Management Review*, January-March 2009; 34(1):42-53.

Examines the development of transformation initiatives—deliberate attempts to achieve systemic changes and rapid performance improvements—over a 2-year period at an integrated safety net health system. (AHRQ 09-R017)

Building the Path to High-Quality Care. C. Clancy, *Health Services Research*, February 2009; 44(1):1-4. Editorial focuses on the challenges inherent in transitioning from the current, highly fragmented health care system to one that is evidence based and patient focused. (AHRQ 09-R090)

Can Incentives to Improve Quality Reduce Disparities? K. Ho, E. Moy, C. Clancy, *Health Services Research*, February 2010; 45(1):1-5. Editorial discusses the ability of quality improvement efforts to reduce disparities in care associated with race, ethnicity, socioeconomic status, and other factors. (AHRQ 10-R051)

Changes in Patient Flow Among Five Hospitals Participating in a Learning Collaborative. M. McHugh, K. Van Dyke, E. Howell, et al., *Journal for Healthcare Quality* September 2011; epub. Evaluates the efforts of five hospitals that participated in a collaborative aimed at

improving patient flow and reducing emergency department crowding. (AHRQ 12-R003)

Chasing Zero: Can Reality Meet the Rhetoric? C. Denham, P. Angood, D. Berwick, et al., *Journal of Patient Safety*, 5(4):216-222. Presents opinion interviews from leaders who spoke at a 2008 national leadership meeting on hospital-acquired infections. (AHRQ 10-R031)

The Chasing Zero Department: Making Idealized Design a Reality. C. Denham, P. Angood, D. Berwick, et al., *Journal of Patient Safety*, December 2009; 5(4):210-215. Summarizes a discussion and consensus-building session to discuss whether zero hospital acquired infections should be the improvement target for hospitals and what a “chasing zero” department should be like. (AHRQ 10-R030)

Complexity, Bullying, and Stress: Analyzing and Mitigating a Challenging Work Environment for Nurses. R. Hughes, C. Clancy, *Journal of Nursing Care Quality*, July-September 2009; 24(3):180-183. Commentary discusses some of the challenges and stressors nurses face in their day-to-day jobs and what they can do to foster

State Snapshots

AHRQ's State Snapshots provide State-specific health care quality information, including strengths, weaknesses, and opportunities for improvement. State-level information is presented for every State and Washington, DC. Information used to create the Snapshots is derived from AHRQ's National Healthcare Quality Report (see listing on page 46 of this catalog). The goal is to help State officials and their public- and private-sector partners better understand health care quality and disparities in their State. State Snapshots can be found at <http://statesnapshots.ahrq.gov>.

a positive and supportive working environment. (AHRQ 09-R081)

Creating a Framework for Getting Quality into the Public Health System. P. Honore, D. Wright, D. Berwick, et al., *Health Affairs*, April 2011; 30(4):737-745. Describes two reports from the Department of Health and Human Services that define what is meant by public health quality, establish quality aims, and highlight priority areas needing improvement. Provides real-world examples of how a framework of quality concepts can be applied in the National Vaccine Safety Program and in a State office of minority health. (AHRQ 11-R053)

Defining and Measuring Successful Emergency Care Networks: A Research Agenda. S. Glickman, M. Delgado, J. Hirshon, et al., *Academic Emergency Medicine*, December 2010; 17(12):1297-1305. Explores the concept of integrated emergency care delivery and prioritizes a research agenda for how to best define and measure successful networks of emergency care. (AHRQ 11-R034)

Defining the Emergency Care Sensitive Condition: A Health Policy Research Agenda in Emergency Medicine. B. Carr, P. Conway, Z. Meisel, et al., *Annals of Emergency Medicine*, December 2009; e-pub. Presents a new concept, the emergency care sensitive condition, as a framework on which to build emergency quality measures and through which to improve evolving emergency care delivery systems. (AHRQ 10-R041)

Designing and Implementing Medicaid Disease and Care Management Programs: A User's Guide. Agency for Healthcare Research and Quality, March 2008, 180 pp. Presents information, examples, and checklists to help States design, implement, and evaluate Medicaid care management programs for the chronically ill. (AHRQ 07(08)-0063)

Developing Quality of Care Measures for People with Disabilities: Summary of Expert Meeting. L. Iezzoni, Agency for Healthcare Research and Quality, September 2010, 36 pp. Summarizes the discussion and recommendations from a workshop focused on developing quality of care measures for people with disabilities. (AHRQ 10-0103)

Diabetes Care Quality Improvement. Agency for Healthcare Research and Quality, 2004. A resource guide, supplement, and workbook to help State leaders implement quality improvement plans or enhance existing plans for diabetes care in their States.

Resource Guide, 162 pp. (AHRQ 04-0072)

Supplement to the Resource Guide, 4 pp. (AHRQ 04(05)-0072-1)

Workbook, 42 pp. (AHRQ 04-0073)

The Diabetes Primary Prevention Initiative Interventions Focus Area: A Case Study and Recommendations. D. Porterfield, L. Hinnant, D. Stevens, et al. *American Journal of Preventive Medicine*, September 2010; 39(3):235-242. Describes the Diabetes Primary Prevention Initiative Interventions Focus

Area (DPPI-IFA), which was funded by the Centers for Disease Control and Prevention in 2005 and involved five State diabetes prevention and control programs, and presents case studies of the five programs. (AHRQ 11-R009)

Effects of Hospital Competition on Inpatient Quality of Care. R. Mutter, H. Wong, M. Goldfarb, *Inquiry*, Fall 2008; 45:263-279. Applies AHRQ's Quality Indicator software to the 1997 Healthcare Cost and Utilization Project State Inpatient Databases to create three versions of 38 distinct measures of inpatient quality and assesses 12 different hospital competition measures against the quality measures. (AHRQ 09-R042)

Emergency Severity Index, Version 4. Agency for Healthcare Research and Quality, November 2011. Presents a five-level emergency department triage algorithm that provides clinically relevant stratification of patients into five groups from most urgent to least urgent on the basis of acuity and resource needs. Updated edition with a new section on using the ESI algorithm with pediatric populations. **Everything You Need to Know**, Set of two DVDs (AHRQ 05-0046-DVD) **Implementation Handbook**, 2012 Edition. Spiral bound, 104 pp, and poster (AHRQ 12-0014)

Enhancing Board Oversight on Quality of Hospital Care: An Agency Theory Perspective. H. Jiang, C. Lockee, I. Fraser, *Health Care Management Review* June 2011; epub. Explores the role and practices of governing boards in quality oversight

through the lens of agency theory and compares hospital quality performance in relation to the adoption of those practices. (AHRQ 11-R068)

Enhancing Quality Oversight. H. Jiang, *Healthcare Executive*, March/April 2010; 25(2):80-83. Discusses the attention being paid by hospitals to quality improvement and the role that hospital boards are playing in these efforts. (AHRQ 10-R068)

Facilitators and Barriers to the Implementation of Patient Flow Improvement Strategies. K. Van Dyke, M. McHugh, J. Yonek, D. Moss, *Quality Management in Health Care* July/September 2011; 20(3):223-233. Discusses the results of a study to identify common facilitators and barriers to the implementation of patient flow improvement strategies in hospital emergency departments, as well as successful approaches for overcoming the barriers. (AHRQ 12-R031)

Finding Order in Heterogeneity: Types of Quality Improvement Intervention Publications. L. Rubenstein, S. Hempel, M. Farmer, et al., *Quality and Safety in Health Care*, December 2008; 17(6):394-395. This commentary explores the heterogeneity in clinical quality improvement intervention publications. (AHRQ 09-R022)

Getting to Zero: New Resources Aim to Reduce Health Care-Associated Infections. C. Clancy, *American Journal of Medical Quality*, July-August 2010, 25(4):319-321. Commentary discusses recent progress in efforts to reduce health care-

associated infections and describes HHS's expanded efforts in this area through newly awarded grants and contracts. (AHRQ 10-R079)

Health Literacy Impact on Patient-Provider Interactions Involving the Treatment of Dental Problems. L. Cohen, A. Bonito, C. Eicheldinger, et al., *Journal of Dental Education* September 2011; 75(9):1218-1224. Examines several health literacy-related markers among patients seeking treatment in hospital emergency departments and physician and dentist offices for dental problems and injuries. (AHRQ 12-R001)

Healthcare Quality and Disparities: Attacking Problems at Their Root. C. Clancy, *Journal of Nursing Care Quality*, October-December 2009; 24(4):269-272. Commentary reflects on patient safety in nursing practice, briefly notes some progress and continuing problems identified in the most recent AHRQ national reports on quality and disparities in health care, and discusses ways

to move forward with quality improvement. (AHRQ 10-R012)

High-Performance Work Systems in Health Care Management, Part 1: Development of an Evidence-Informed Model. A. Garman, A. McAlearney, M. Harrison, et al., *Health Care Management Review* July-September 2011; 36(3):201-213. Describes a conceptual model developed on the basis of prior research from health care as well as other industries that could be used to inform important contextual considerations for improving health care quality. (AHRQ 11-R065)

High-Performance Work Systems in Health Care Management, Part 2: Qualitative Evidence from Five Case Studies. A. McAlearney, A. Garman, P. Song., et al., *Health Care Management Review* July-September 2011; 36(3):214-226. Discusses the use of high-performance work systems in health care organizations and describes the contributions of

2011 National Reports on Quality and Disparities

Agency for Healthcare Research and Quality, March 2012. Reports focus on quality of care and disparities in health care in America, overall and for AHRQ's priority populations.

National Healthcare Quality Report 2011. 228 pp. Finds that health care quality and access are suboptimal, urgent attention is warranted to ensure improvements in quality, and progress is uneven with respect to eight national priority areas. (AHRQ 12-0005)

National Healthcare Disparities Report 2011. 252 pp. Finds that health care quality and access are suboptimal, especially for minority and low-income groups, quality is improving but access and disparities are not improving, and urgent attention is warranted to ensure progress on reducing disparities. (AHRQ 12-0006)

such systems to quality of care and patient safety improvements. (AHRQ 11-R066)

Hospital Quality, Efficiency, and Input Slack Differentials. V. Valdmanis, M. Rosko, R. Mutter, *Health Services Research*, December 2008; 43(5):1830-1848. Examines the effects of hospital inefficiency on quality of care in public, not-for-profit, and teaching hospitals. (AHRQ 09-R005)

Identification of Hospital-Acquired Catheter-Associated Urinary Tract Infections from Medicare Claims. C. Zhan, A. Elixhauser, C. Richards, et al., *Medical Care*, March 2009; 47(3):364-369. Discusses the positive predictive value and sensitivity in identifying patients in Medicare claims who had urinary catheterization and developed hospital-acquired catheter-associated urinary tract infections. (AHRQ 09-R046)

Improving Efficiency and Value in Health Care: Introduction. I. Fraser, W. Encinosa, S. Glied, *Health Services Research*, October 2008; 43(5 Part II):1781-1786. Introduces a new theme issue for the journal, which is focused on ideas and programs to reduce waste, increase efficiency, and better allocate resources to improve value in health care. (AHRQ 09-R004)

Improving Patient Flow and Reducing Emergency Department Crowding: A Guide for Hospitals. Agency for Healthcare Research and Quality, October 2011, 44 pp. Presents step-by-step instructions for use by hospitals in planning and implementing emergency department patient flow

improvement strategies. (AHRQ 11(12)-0094)

Kidney-Related Diseases and Quality Improvement: AHRQ's Role. C. Clancy, *Clinical Journal of the American Society of Nephrology*, October 2011; 6(10):2531-2533. Describes patient-centered care and discusses AHRQ's role in quality improvement activities related to kidney disease. (AHRQ 11-R077)

Leveraging Certified Nursing Assistant Documentation and Knowledge to Improve Clinical Decision Making: The On-Time Quality Improvement Program to Prevent Pressure Ulcers. S. Sharkey, S. Hudak, S. Horn, W. Spector, *Advances in Skin & Wound Care*, April 2011; 24(4):182-188. Explains the On-Time Quality Improvement for Long-Term Care Program, a practical approach to embed health information technology into quality improvement in long-term care facilities to support front-line clinical decisionmaking and proactive intervention for pressure ulcer prevention. (AHRQ 11-R049).

Measuring Hospital Inefficiency: The Effects of Controlling for Quality and Patient Burden of Illness. R. Mutter, M. Rosko, H. Wong, *Health Services Research*, December 2008; 43(6):1992-2013. Assesses the impact of employing a variety of controls for hospital quality and patient burden of illness on the mean estimated inefficiency and relative ranking of hospitals as generated by stochastic frontier analysis (SFA), a statistical method used for economic modeling. (AHRQ 09-R011)

Measuring Patient-Centered Communication in Cancer Care: A Literature Review and the Development of a Systematic Approach. L. McCormack, K. Treiman, D. Rupert, et al., *Social Science & Medicine*, April 2011; 72(7):1085-1095. Describes a comprehensive inventory of domains and subdomains for patient-centered communication and discusses considerations for developing measures of patient-centered communication for use in research, quality assessment, and surveillance. (AHRQ 11-R054)

Methodological Considerations in Generating Provider Performance Scores for Use in Public Reporting: A Guide for Community Quality Collaboratives. Agency for Healthcare Research and Quality, September 2011, 106 pp. Reviews a number of the key methodological decision points community quality collaboratives face in producing public reports of health care providers' performance on measures of quality, cost, and resource use; patient experience; and health outcomes. (AHRQ 11-0093)

Pay for Performance: A Decision Guide for Purchasers. *AHRQ Final Contract Report*, April 2006, 28 pp. Isolates and sequences 20 questions purchasers face in considering pay for performance, reviews options and any available evidence—from empirical evaluations and economic theory—that may inform future decisionmaking, and discusses potential effects and unintended consequences. (AHRQ 06-0047)

Physician Leadership for High-Quality Care. C. Clancy, *Chest*, December 2009; 136(6):1452-1454. AHRQ director discusses data collection and selection of measures for use by clinicians for public reporting of health care quality information to Medicare and other entities. (AHRQ 10-R043)

Population Mobility, Globalization, and Antimicrobial Drug Resistance. D. MacPherson, B. Gushulak, W. Baine, et al., *Emerging Infectious Diseases*, November 2009; 15(11):1727-1732. Presents an approach to global public health risk management that integrates population factors with effective and timely application of policies and processes. (AHRQ 10-R039)

Preventing Healthcare-Associated Infections: Initiating Promising Solutions and Expanding Proven Ones. C. Clancy, *Patient Safety & Quality Healthcare*, March/April 2010; 50(2):e-pub. Gives examples of several initiatives that have been successful in lowering the rate of health care-associated infections and discusses new research underway in this area. (AHRQ 10-R067)

Preventing Hospital-Acquired Venous Thromboembolism: A Guide for Effective Quality Improvement. Agency for Healthcare Research and Quality, August 2008, 50 pp. Presents information to help quality improvement (QI) practitioners—such as physicians, pharmacists, nurses, and risk managers—lead an efficient, reliable effort to improve prevention of hospital-acquired venous

thromboembolism, one of the most critical problems facing hospitalized patients. (AHRQ 08-0075)

The Quality and Disparities Reports: Why is Progress so Slow? J. Brady, K. Ho, C. Clancy, *American Journal of Medical Quality* September/October 2008; 23(5):396-398. Discusses geographic variations in quality of care and racial/ethnic disparities related to patient safety as reported in annual editions of AHRQ's National Healthcare Quality Report and National Healthcare Disparities Report. (AHRQ 12-R029)

Quality in the OR: The New AHRQ Reports. C. Clancy, *AORN Journal*, August 2009; 90(2):269-271. Commentary discusses the implications of AHRQ's annual *National Healthcare Quality Report and National Healthcare Disparities Report* for improving safety in the operating room and the role of operating room nurses in keeping patients safe. (AHRQ 10-R005)

Quality Indicators Brochures Agency for Healthcare Research and Quality, August 2010. AHRQ Quality Indicators (QIs), measures of health care quality that make use of readily available hospital inpatient administrative data. Available at: <http://www.qualityindicators.ahrq.gov> for announcement of updates to AHRQ QI software.

Inpatient QIs. (AHRQ 10-M043-2)

Patient Safety QIs (AHRQ 10-M043-4)

Pediatric QIs. (AHRQ 10-M043-3)

Prevention QIs. (AHRQ 10-M043-1)

Quality Indicators Toolkit for Hospitals. Agency for Healthcare Research and Quality, January 2012, Web only. Online toolkit designed to help hospitals understand and support use of AHRQ's Quality Indicators (QIs) to improve quality and patient safety. Provides a general guide to using improvement methods, with a particular focus on the QIs, including the 17 Patient Safety Indicators (PSIs) and the 28 Inpatient Quality Indicators (IQIs). Available at <http://www.ahrq.gov/qual/qitoolkit/>.

Reducing Central Line-Related Bloodstream Infections. C. Clancy, *AORN Journal*, June 2009; 89(6):1123-1125. Commentary explains five steps involved in a simple, low-cost intervention to reduce rates of central line-associated bloodstream infections (CLABSI) in hospital intensive care units (ICUs). (AHRQ 10-R009)

Selecting Quality and Resource Use Measures: A Decision Guide for Community Quality Collaboratives. Agency for Healthcare Research and Quality, May 2010, 95 pp. Serves as an evidence-based primer and decisionmaking framework to guide community-based leaders in their strategic and operational planning related to quality improvement and performance measurement. (AHRQ 09(10)-0073)

The Stress of the Care Environment. C. Clancy, R. Hughes, *AORN Journal*, April 2009; 89(4):751-753. Commentary discusses the role of nurses in providing high quality, safe care and the day-to-day stresses inherent in the

system that can affect their performance and job satisfaction. (AHRQ 09-R066)

Women's Health

Breastfeeding and Health Outcomes. D. Meyers, *Breastfeeding Medicine*, 2009; 4(Suppl 1):S13-S15. Presents introductory remarks given at a summit on breastfeeding and discusses the AHRQ report on outcomes of breastfeeding on maternal and infant health in developed countries. (AHRQ 10-R024)

Self-Reported Delays in Receipt of Health Care Among Women With Diabetes and Cardiovascular Conditions. J. Ng, S. Kaftarian, W. Tilson, *Women's Health Issues* September 2010; 20(5):316-322. Examines the association of gender and health insurance status with delays in care among adults with diabetes and cardiovascular conditions. (AHRQ 12-R019)

Toward Optimal Health: Maternal Benefits of Breastfeeding. J. Godfrey, D. Meyers, *Journal of Women's Health*, September 2009; 18(9):1307-1310. Uses a question-and-answer format to present information on the maternal benefits of breastfeeding. (AHRQ 10-R034)

Women at Risk for Diabetes: Access and Quality of Health Care, 2003-2006. Agency for Healthcare Research and Quality and Centers for Disease Control and Prevention, January 2011, 112 pp. Uses scientifically based measures and national data sources to examine the quality of preventive health care received by U.S. women at high risk and average risk for diabetes. (AHRQ 11-0002)

Women with Diabetes: Quality of Health Care, 2004-2005. Agency for Healthcare Research and Quality and Centers for Disease Control and Prevention, November 2008, 92 pp. Uses national data sets to show gaps in knowledge about quality of care among women with diagnosed diabetes. Examines quality of care for U.S. women with and without diagnosed diabetes and presents 15 measures of health care quality showing the use of services in several areas. (AHRQ 08(09)-0099)

Women with Diagnosed Diabetes Across the Life Stages: Underuse of Recommended Preventive Care Services. M. Owens, G. Beckles, K. Ho, et al., *Journal of Women's Health*, November 2008; 17(9):1415-1423. Examines the quality of care that women with diabetes receive and assesses how receipt of some clinical preventive services and screening for common conditions associated with diabetes vary according to socioeconomic factors. (AHRQ 09-R018)



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Subject Index

Access to Care. *See Health Insurance/Access to Care*

Agency Information

- AHRQ Annual Highlights 2010 1
- AHRQ Publications Order Form 47

Children's Health

- Accuracy of a Computerized Clinical Decision-Support System for Asthma Assessment and Management. 29
- Adjuvant Treatment for Phenylketonuria (PKU) 17
- Annual Report on Health Care for Children and Youth in the United States: Focus on Trends in Hospital Use and Quality 1
- Annual Report on Health Care for Children and Youth in the United States: Racial/Ethnic and Socioeconomic Disparities in Children's Health Care Quality 1
- Breastfeeding and Health Outcomes 46
- Children's Health Insurance Program Reauthorization Act Quality Measures Initiatives: Moving Forward to Improve Measurement, Care, and Child and Adolescent Outcomes, the 1
- Committee Report: Method for Evaluating Conditions Nominated for Population-Based Screening of Newborns and Children. 1
- Comparative Effectiveness of Therapies for Children with Autism Spectrum Disorders: Clinician Guide. 10
- Containing Costs and Improving Care for Children in Medicaid and CHIP. 1
- Cost Sharing in Medicaid and CHIP: How Does It Affect Out-of-Pocket Spending? . 22
- Demographic Variability, Vaccination, and the Spatiotemporal Dynamics of Rotavirus Epidemics 1
- Do Adolescents with Emotional or Behavioral Problems Respond to Cigarette Prices? 1
- Do SCHIP Enrollees Stay Insured? 1
- Explaining Racial and Ethnic Differences in Antidepressant Use Among Adolescents . . 1
- Families with Mixed Eligibility for Public Coverage: Navigating Medicaid, CHIP, and Uninsurance 28
- First- and Second-Generation Antipsychotics for Children and Young Adults 16
- Hematopoietic Stem-Cell Transplantation in the Pediatric Population 17
- Hospitalizations for Kawasaki Syndrome Among Children in the United States, 1997-2007. 1
- Human Growth Hormone for Children with Cystic Fibrosis: A Review of the Research for Parents and Caregivers 12
- Identifying Children's Health Care Quality Measures for Medicaid and CHIP: An Evidence-Informed, Publicly Transparent Expert Process 2

- Impact of Primary Care Case Management (PCCM) Implementation on Medicaid and SCHIP 2
- Kid's Inpatient Database 23
- Long-Term Followup After Diagnosis Resulting from Newborn Screening: Statement of the U.S. Secretary of Health and Human Services' Advisory Committee on Heritable Disorders and Genetic Diseases in Newborns and Children 2
- Mental Health Needs of Low-Income Children with Special Health Care Needs . 2
- Overweight in Adolescents: Implications for Health Expenditures 24
- Pediatric Quality Indicators 45
- Public Role in Promoting Child Health Information Technology 26
- Racial Disparities in Diarrhea-Associated Hospitalizations Among Children in Five U.S. States, Before and After Introduction of Rotavirus Vaccine 2
- Racial/Ethnic Differences in the Incidence of Kawasaki Syndrome Among Children in Hawaii 2
- Recombinant Human Growth Hormone (rhGH) in the Treatment of Patients with Cystic Fibrosis 15
- Reduction in Acute Gastroenteritis Hospitalizations Among U.S. Children After Introduction of Rotavirus Vaccine: Analysis of Hospital Discharge Data from 18 U.S. States. 2
- Resource Guide to AHRQ Child and Youth Health and Health Care Services Data . . . 6
- Screening of Infants for Hyperbilirubinemia to Prevent Chronic Bilirubin Encephalopathy. 38
- Stimulant Medication Use in Children: A 12-Year Perspective 2
- Supplementing Iron and Zinc: Double Blind, Randomized Evaluation of Separate or Combined Delivery. 2
- Therapies for Children with Autism Spectrum Disorders 16
- Therapies for Children with Autism Spectrum Disorders: A Review of the Research for Parents and Caregivers 13
- Transforming Children's Health Care Quality and Outcomes—A Not-So-Random Non-Linear Walk Across the Translational Continuum 2
- Use of Recombinant Human Growth Hormone for Pediatric Patients with Cystic Fibrosis: Clinician Guide 11
- What Has Been Learned About Expanding Children's Health Insurance? Highlights from CHIRI. 3
- Youth Motorcycle-Related Brain Injury by State Helmet Law Type: United States, 2005-2007. 3

- Youth Motorcycle-Related Hospitalizations and Traumatic Brain Injuries in the United States in 2006 3

Clinical Practice Guidelines

- Clinical Practice Guideline for Treating Tobacco Use and Dependence: 2008 Update. 3
- Clinical Practice Guideline for Treating Tobacco Use and Dependence: 2008 Update, A. 3
- Help for Smokers and Other Tobacco Users: Consumer Guide 3
- Helping Smokers Quit: A Guide for Clinicians 3
- Quick-Reference Guide for Clinicians: Treating Tobacco Use and Dependence . . 3
- Quitting Helps You Heal Faster, Hospital Card. 3
- You Can Quit Smoking, Pocket Card 3
- You Can Quit Smoking: Support and Advice from Your Clinician, Tearsheet Pad. 3
- You Can Quit Smoking: Support and Advice from Your Prenatal Care Provider, Tearsheet Pad. 3

Consumer Information and Education

- ACE Inhibitors and ARBs to Protect Your Heart? A Guide for Patients Being Treated for Stable Coronary Heart Disease. 11
- Antidepressant Medicines: A Guide for Adults with Depression. 11
- Be More Involved in your Health Care . . . 4
- Blood Thinner Pills: Your Guide to Using Them Safely 3
- Choosing Medicines for High Blood Pressure: A Review of the Research on ACEIs, ARBs, and DRIs. 11
- Choosing Pain Medicine for Osteoarthritis: A Guide for Consumers 12
- Comparing Two Kinds of Blood Pressure Pills: ACEIs and ARBs. A Guide for Adults 12
- Conoce las Preguntas (Know the Questions) 4
- Considerations for the Design of Safe and Effective Consumer Health IT Applications in the Home. 26
- Depression After Brain Injury: A Guide for Patients and Their Caregivers 12
- DMARDs for Juvenile Idiopathic Arthritis: A Review of the Research for Parents and Caregivers 12
- Do You Know the Right Questions to Ask . 4
- Explore Your Treatment Options. 4
- Finding Your Way: What to Do Before You Leave the Hospital 4
- Gastroesophageal Reflux Disease (GERD) 12

Subject Index

Gestational Diabetes: A Guide for Pregnant Women 10

Having a Breast Biopsy: A Guide for Women and Their Families..... 12

Help for Smokers and Other Tobacco Users, Consumer Guide..... 3

Healthy Men 4

Managing Osteoarthritis Pain with Medicines: A Review of the Research for Adults 12

Managing Pain from a Broken Hip: A Guide for Adults and Their Caregivers 12

Measuring Your Blood Pressure at Home: A Review of the Research for Adults..... 12

Medicines for Type 2 Diabetes: A Review of the Research for Adults..... 12

Men: Stay Healthy at Any Age..... 38

Men: Stay Healthy at 50+..... 38

Osteoarthritis of the Knee: A Guide for Adults 13

Osteoporosis Treatments that Help Prevent Broken Bones: A Guide for Women After Menopause 13

Premixed Insulin for Type 2 Diabetes: A Guide for Adults 13

Questions Are the Answer, DVD 4

Questions Are the Answer, Notepads 4

Quitting Helps You Heal Faster, Hospital Card..... 3

Quitting Smoking—You Can Do It 4

Radiofrequency Ablation for Atrial Fibrillation: A Guide for Adults 13

Reducing the Risk of Breast Cancer with Medicine: A Guide for Women..... 13

Renal Artery Stenosis Treatments: A Guide for Consumers..... 13

Rheumatoid Arthritis Medicines: A Guide for Adults 13

Staying Active and Healthy with Blood Thinners 4

Taking Care of Myself: A Guide for When I Leave the Hospital 4

Thinking About Having Your Labor Induced? A Guide for Pregnant Women 13

Treating and Preventing C-diff Infections: A Review of the Research for Adults and Their Caregivers 13

Treating High Cholesterol: A Guide for Adults 13

Treating Prostate Cancer: A Guide for Men with Localized Prostate Cancer 14

Treating Sleep Apnea: A Review of the Research for Adults..... 14

Treatment Options for GERD or Acid Reflux Disease: A Review of the Research for Adults 14

Treatment Options for Rotator Cuff Tears: A Guide for Adults..... 14

Twenty Tips to Help Prevent Medical Errors 5

Understanding Radiotherapy for Head and Neck Cancer: A Guide for Adults and Their Caregivers 14

What You Need to Know About Episiotomy 5

Women: Stay Healthy at Any Age 38

Women: Stay Healthy at 50+..... 38

You Can Quit Smoking, Pocket Card 3

Your Guide to Preventing and Treating Blood Clots..... 5

Your Medicine: Be Smart. Be Safe..... 5

Cost of health care. See *Health care costs and utilization*

Data Development and Use

Advancing Research Data Infrastructure for Patient-Centered Outcomes Research..... 5

Assessment of the Impact of Two Distinct Survey Design Modifications on Health Care Utilization Estimates in the Medical Expenditures Panel Survey..... 22

Can State Databases Be Used to Develop a National, Standardized Hospital Nurse Staffing Database? 5

Common Formats Allow Uniform Collection and Reporting of Patient Safety Data by Patient Safety Organizations..... 5

Conducting Quantitative Synthesis When Comparing Medical Interventions: AHRQ and the Effective Health Care Program... 8

Emergency Department Care in the United States: A Profile of National Data Sources 5

GRADE Guidelines: 9. Rating Up the Quality of Evidence 5

HCUPnet..... 22

Impact of Survey Design Modifications on Health Insurance Coverage Estimates in a National Longitudinal Health Care Survey, The 6

Implications of the Accuracy of MEPS Prescription Drug Data for Health Services Research 6

Medical Expenditure Panel Survey: A National Information Resource to Support Healthcare Cost Research and Inform Policy and Practice, The..... 6

MEPSnet..... 5

Methodological Considerations in Generating Provider Performance Scores for Use in Public Reporting: A Guide for Community Quality Collaboratives 44

Modifying ICD-9-CM Coding of Secondary Diagnoses to Improve Risk-Adjustment of Inpatient Mortality Rates 6

Race and Ethnicity Reporting in Statewide Hospital Data: Progress and Future Challenges in a Key Resource for Local and State Monitoring of Health Disparities. . . . 6

Resource Guide to AHRQ Child and Youth Health and Health Care Services Data 6

Translating Frontiers into Practice: Taking the Next Steps Toward Improving Hospital Efficiency 6

Validating Household Reports of Health Care Use in the Medical Expenditure Panel Survey..... 6

Effective Health Care

ACE Inhibitors and ARBs to Protect Your Heart? A Guide for Patients Being Treated for Stable Coronary Heart Disease..... 11

ACEIs, ARBs, or DRI for Adults with Hypertension: Clinician Research Summary..... 9

ACEIs or ARBs for Adults with Hypertension: Clinician Guide 9

Adding ACEIs and/or ARBs to Standard Therapy for Stable Ischemic Heart Disease: Benefits and Harms; Clinician Guide 9

Adding ACEIs and/or ARBs to Standard Therapy for Stable Ischemic Heart Disease: Benefits and Harms; Policymaker Summary..... 14

Adding the Patient Perspective to Comparative Effectiveness Research 6

Adjunctive Devices for Patients with Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention 15

Adjuvant Treatment for Phenylketonuria (PKU) 17

Advancing Methods for Comparative Effectiveness Research 6

Agency for Healthcare Research and Quality (AHRQ) Effective Health Care (EHC) Program Methods Guide for Comparative Effectiveness Reviews: Keeping Up-to-Date in a Rapidly Evolving Field, The 6

AHRQ's DEcIDE Network 7

AHRQ's Effective Health Care Program: Why Comparative Effectiveness Matters . . 7

Analgesics for Osteoarthritis 17

Analgesics for Osteoarthritis: An Update of the 2006 Comparative Effectiveness Review 17

Analgesics for Osteoarthritis: Focus of Research for Clinicians..... 9

Angiotensin-Converting Enzyme Inhibitors (ACEIs) and Angiotensin II Receptor Antagonists (ARBs) for Treating Essential Hypertension..... 16

Angiotensin-Converting Enzyme Inhibitors (ACEIs), Angiotensin II Receptor Antagonists (ARBs), and Direct Renin Inhibitors for Treating Essential Hypertension: An Update..... 16

Subject Index

- Angiotensin-Converting Enzyme Inhibitors or Angiotensin II Receptor Blockers Added to Standard Medical Therapy for Treating Stable Ischemic Heart Disease 15
- Antidepressant Medicines: A Guide for Adults with Depression. 11
- Assessing Applicability When Comparing Medical Interventions: Agency for Healthcare Research and Quality and the Effective Health Care Program. 7
- Attention Deficit Hyperactivity Disorder: Effectiveness of Treatment in At-Risk Preschoolers; Long-Term Effectiveness in All Ages; and Variability in Prevalence, Diagnosis, and Treatment 16
- CER: Tools—Not Rules, and Its Effects Can Be Transformational 7
- Charting a Path from Comparative Effectiveness Funding to Improved Patient-Centered Health Care 7
- Choosing Antidepressants for Adults: Clinician Guide. 9
- Choosing Medications for Adults with Rheumatoid Arthritis: Clinician Guide. 9
- Choosing Medicines for High Blood Pressure: A Review of the Research on ACEIs, ARBs, and DRIs. 11
- Choosing Non-Opioid Analgesics for Osteoarthritis: Clinician Guide. 9
- Choosing Pain Medicine for Osteoarthritis: A Guide for Consumers 12
- Chronic Kidney Disease Stages 1-3: Screening, Monitoring, and Treatment . . . 16
- Clostridium difficile* Infections: Diagnosis, Treatment, and Prevention: Clinician Research Summary 9
- Comparative Effectiveness and Safety of Radiotherapy Treatments for Head and Neck Cancer: Clinician Guide 9
- Comparative Effectiveness and Safety of Radiotherapy Treatments for Head and Neck Cancer: Policymaker Summary 14
- Comparative Effectiveness of Diagnosis and Treatment of Obstructive Sleep Apnea in Adults: Clinician Research Summary 9
- Comparative Effectiveness of Interventions for Rotator Cuff Tears in Adults: Clinician Guide. 9
- Comparative Effectiveness of Therapies for Children with Autism Spectrum Disorders: Clinician Guide. 10
- Comparative Effectiveness Research and Genomic Medicine: An Evolving Partnership for 21st Century Medicine 7
- Comparative Effectiveness Research—Implications of the Federal Coordinating Council’s Report 7
- Comparative Effectiveness Research Priorities at Federal Agencies: The View From the Department of Veterans Affairs, National Institute on Aging, and Agency for Healthcare Research and Quality 7
- Comparative Effectiveness Research: Promising Area of Study for Pharmacists . 7
- Comparing Medications for Adults with Type 2 Diabetes: Clinician Guide 10
- Comparing Two Kinds of Blood Pressure Pills: ACEIs and ARBs. A Guide for Adults 12
- Conducting Quantitative Synthesis When Comparing Medical Interventions: AHRQ and the Effective Health Care Program . . . 8
- Core-Needle and Open Surgical Biopsy for the Diagnosis of Breast Lesions 15
- Core-Needle Biopsy for Breast Abnormalities: Clinician Guide 10
- Depression After Brain Injury: A Guide for Patients and Their Caregivers 12
- Depression After Traumatic Brain Injury: Clinician Guide. 10
- Depression Following a Traumatic Brain Injury: Policy Brief. 14
- Diagnosis and Treatment of Obstructive Sleep Apnea in Adults. 15
- Disease-Modifying Antirheumatic Drugs (DMARDs) in Children with Juvenile Idiopathic Arthritis (JIA) 17
- DMARDs for Juvenile Idiopathic Arthritis: A Review of the Research for Parents and Caregivers 12
- Drug Therapy for Rheumatoid Arthritis and Psoriatic Arthritis in Adults 17
- Effectiveness and Safety of Antiepileptic Medications in Patients with Epilepsy . . . 14
- Effectiveness of Early Diagnosis, Prevention, and Treatment of *Clostridium difficile* Infection 16
- Effectiveness of Self-Measured Blood Pressure Monitoring in Adults with Hypertension: Clinician Research Summary. 10
- Elective Induction of Labor: Safety and Harms: Clinician Guide 10
- Epoetin and Darbepoetin for Managing Anemia in Patients Undergoing Cancer Treatment 15
- Fecal DNA Testing in Screening for Colorectal Cancer in Average-Risk Adults 15
- First- and Second-Generation Antipsychotics for Children and Young Adults 16
- Focusing the Research Enterprise on the Patient 8
- Fracture Prevention Treatments for Postmenopausal Women with Osteoporosis: Clinician Guide. 10
- Gastroesophageal Reflux Disease (GERD). 12
- Gestational Diabetes: A Guide for Pregnant Women 12
- Gestational Diabetes: Caring for Women During and After Pregnancy, Clinician Guide. 10
- Guiding Comparative Effectiveness Research—A U.S. Perspective 8
- Having a Breast Biopsy: A Guide for Women and Their Families. 12
- Hematopoietic Stem-Cell Transplantation in the Pediatric Population 17
- Human Growth Hormone for Children with Cystic Fibrosis: A Review of the Research for Parents and Caregivers 12
- Infrastructure to Monitor Utilization and Outcomes of Gene-Based Applications: An Assessment 8
- In-Hospital Use of Recombinant Factor VIIa for Off-Label Indications vs. Usual Care . 15
- Insulin Analogues in Premixed Formulations for Adults with Type 2 Diabetes 16
- Lipid-Modifying Agents. 15
- Management of Atherosclerotic Renal Artery Stenosis: Clinician Guide 10
- Management Strategies for Gastroesophageal Reflux Disease 16
- Management Strategies for Gastroesophageal Reflux Disease: An Update. 16
- Management Strategies for Renal Artery Stenosis 15
- Management Strategies for Renal Artery Stenosis: 2007 Update 15
- Managing Chronic Gastroesophageal Reflux Disease: Clinician Research Summary. . . 10
- Managing Osteoarthritis Pain with Medicines: A Review of the Research for Adults 12
- Managing Pain from a Broken Hip: A Guide for Adults and Their Caregivers 12
- Measuring Your Blood Pressure at Home: A Review of the Research for Adults. 12
- Medications to Reduce Risk of Primary Breast Cancer in Women 15
- Medications to Reduce the Risk of Primary Breast Cancer in Women: Clinician Guide. 10
- Medicines for Type 2 Diabetes: A Review of the Research for Adults. 12
- Neurothrombectomy Devices for Treatment of Acute Ischemic Stroke 17
- Noncyclic Chronic Pelvic Pain Therapies for Women: Comparative Effectiveness. . . . 16
- Noninvasive Diagnostic Tests for Breast Abnormalities: Update of a 2006 Review 15
- Noninvasive Tests for Breast Abnormalities 15
- Nonoperative and Operative Treatments for Rotator Cuff Tears. 17
- Nonpharmacologic Interventions for Treatment-Resistant Depression in Adults 16
- Observational Studies in Systemic Reviews of Comparative Effectiveness: AHRQ and the Effective Health Care Program. 8

Subject Index

- Off-Label Use of Atypical Antipsychotics 16
- Off-Label Use of Atypical Antipsychotics: An Update 16
- Off-Label Use of Atypical Antipsychotic Drugs: A Summary for Clinicians and Policymakers 11
- Oral Diabetes Medications for Adults with Type 2 Diabetes. 16
- Oral Diabetes Medications for Adults with Type 2 Diabetes: An Update 16
- Osteoarthritis of the Knee: A Guide for Adults 13
- Osteoporosis Treatments that Help Prevent Broken Bones: A Guide for Women After Menopause 13
- Pain Management Interventions for Elderly Patients with Hip Fracture: Clinician Guide 11
- Pain Management Interventions for Hip Fracture 17
- Particle Beam Radiation Therapies for Cancer 17
- Particle Beam Radiation Therapies for Cancer: A Summary for Policymakers . . . 14
- Patient-Centered Comparative Effectiveness Research: Essential for High-Quality Care 8
- Patient-Centered Outcomes Research and Nurse Practitioners' Role in Shared Decision Making 8
- Percutaneous Coronary Interventions and Coronary Artery Bypass Grafting for Coronary Heart Disease 15
- Premixed Insulin Analogues: Clinician Guide 11
- Premixed Insulin for Type 2 Diabetes: A Guide for Adults 13
- Promise and Future of Comparative Effectiveness Research, The 8
- Radiofrequency Ablation for Atrial Fibrillation: A Guide for Adults 13
- Radiofrequency Ablation for Atrial Fibrillation: Clinician Guide 11
- Radiofrequency Catheter Ablation for Atrial Fibrillation. 15
- Radiotherapy Treatments for Head and Neck Cancer 15
- Recombinant Human Growth Hormone (rhGH) in the Treatment of Patients with Cystic Fibrosis 15
- Reducing the Risk of Breast Cancer with Medicine: A Guide for Women. 13
- Registries for Evaluating Patient Outcomes: A User's Guide, Second Edition 8
- Renal Artery Stenosis Treatments: A Guide for Consumers. 13
- Rheumatoid Arthritis Medicines: A Guide for Adults 13
- Roundtable on Expanding Capacity for Comparative Effectiveness Research in the United States 8
- Screening and Treatment of Subclinical Hypothyroidism or Hyperthyroidism . . . 16
- Second-Generation Antidepressants in the Pharmacologic Treatment of Adult Depression. 16
- Second-Generation Antidepressants in the Pharmacologic Treatment of Adult Depression: An Update of the 2007 Comparative Effectiveness Review 17
- Self-Measured Blood Pressure Monitoring: Comparative Effectiveness 16
- Starting the Conversation 8
- Surgical and Nonsurgical Treatment of Rotator Cuff Tears: Policymaker Summary 14
- Terbutaline Pump for the Prevention of Preterm Birth 17
- Therapies for Children with Autism Spectrum Disorders 16
- Therapies for Children with Autism Spectrum Disorders: A Review of the Research for Parents and Caregivers . . . 13
- Therapies for Clinically Localized Prostate Cancer 15
- Thinking About Having Your Labor Induced? A Guide for Pregnant Women 13
- Three Treatments for Osteoarthritis of the Knee: Evidence Shows Lack of Benefit: Clinician Guide 11
- Traumatic Brain Injury and Depression . . 17
- Treating and Preventing C-diff Infections: A Review of the Research for Adults and Their Caregivers 13
- Treating Cholesterol with Combination Therapy: Clinician Guide 11
- Treating High Cholesterol: A Guide for Adults 13
- Treating Prostate Cancer: A Guide for Men with Localized Prostate Cancer 14
- Treating Sleep Apnea: A Review of the Research for Adults. 14
- Treatment Options for GERD or Acid Reflux Disease: A Review of the Research for Adults 14
- Treatment Options for Rotator Cuff Tears: A Guide for Adults 14
- Treatments for Clinically Localized Prostate Cancer: Clinician Guide 11
- Treatments to Prevent Fractures in Men and Women with Low Bone Density or Osteoporosis 17
- Understanding Radiotherapy for Head and Neck Cancer: A Guide for Adults and Their Caregivers 14
- Use of Recombinant Human Growth Hormone for Pediatric Patients with Cystic Fibrosis: Clinician Guide 11
- Utilization and Clinical Data on In-Hospital Off-Label Uses of Recombinant Factor VIIa: Clinician Guide 11
- Welcome to the Effective Health Care Program 8
- Effectiveness Research. See Outcomes and Effectiveness Research**
- Elderly/Long-Term Care**
- Barriers and Drivers of Health Information Technology Use for the Elderly, Chronically Ill, and Underserved 20
- Changes in Clinical and Hotel Expenditures Following Publication of the Nursing Home Compare Report Card. 17
- Community and Individual Race/Ethnicity and Home Health Care Use Among Elderly Persons in the United States 17
- Costs of Turnover in Nursing Homes, The 17
- Do Medicare Advantage Enrollees Tend to Be Admitted to Hospitals with Better or Worse Outcomes Compared with Fee-for-Service Enrollees? 27
- Does State Regulation of Quality Impose Costs on Nursing Homes? 18
- Dual Eligibles with Mental Disorders and Medicare Part B: How Are They Faring? . 18
- Formal Home Care Utilization Patterns by Rural-Urban Community Residence. . . . 18
- Impact of Local Resources on Hospitalization Patterns of Medicare Beneficiaries and Propensity to Travel Outside Local Markets 18
- Investing in Preventive Dental Care for the Medicare Population: A Preliminary Analysis. 23
- Is There Evidence of Cream Skimming Among Nursing Homes Following the Publication of the Nursing Home Compare Report Card? 18
- Leveraging Certified Nursing Assistant Documentation and Knowledge to Improve Clinical Decision Making: The On-Time Quality Improvement Program to Prevent Pressure Ulcers 44
- National Release of the Nursing Home Quality Report Cards: Implications of Statistical Methodology for Risk Adjustment 30
- Nursing Home Compare Measure of Urinary/Fecal Incontinence: Cross-Sectional Variation, Stability Over Time, and the Impact of Case Mix, The 18
- Nursing Home Survey on Patient Safety Culture. 36
- On-Time Quality Improvement for Long-Term Care 18
- Parental Marital Disruption, Family Type, and Transfers to Disabled Elderly Parents. 18

Subject Index

- Pressure Ulcer Prevention in Long-Term-Care Facilities: A Pilot Study Implementing Standardized Nurse Aid Documentation and Feedback Reports 18
- Preventing Alzheimer's Disease and Cognitive Decline 21
- Publication of Quality Report Cards and Trends in Reported Quality Measures in Nursing Homes 18
- Reconsidering the Approach to Prevention Recommendations for Older Adults 38
- Relationship Between Living Arrangement and Preventive Care Use Among Community-Dwelling Elderly Persons, The 19
- Stage 2 Pressure Ulcer Healing in Nursing Homes 19
- State Regulatory Enforcement and Nursing Home Termination from the Medicare and Medicaid Programs 19
- Evidence-Based Medicine**
- Advancing the Role of Systematic Reviews in Nutrition Research and Applications . . 21
- Alcohol Consumption and Cancer Risk: Understanding Possible Causal Mechanisms for Breast and Colorectal Cancers 19
- Assessment of Thiopurine Methyltransferase Activity in Patients Prescribed Azathioprine or Other Thiopurine-Based Drugs 21
- Barriers and Drivers of Health Information Technology Use for the Elderly, Chronically Ill, and Underserved 20
- Clinical Utility of Cancer Family History Collection in Primary Care 19
- CMS's Landmark Decision on CT Colonography: Examining the Relevant Data 27
- Complementary and Alternative Medicine in Back Pain Utilization Report 20
- Complementary and Alternative Therapies for Back Pain II 20
- Current Guidelines Have Limited Applicability to Patients with Comorbid Conditions: A Systematic Analysis of Evidence-Based Guidelines 19
- Diagnosis and Management of Ductal Carcinoma in Situ 20
- Diagnosis and Treatment of Erectile Dysfunction 20
- Enabling Medication Management Through Health Information Technology 20
- Enhancing the Use and Quality of Colorectal Cancer Screening 20
- Evidence Review of Active Surveillance in Men with Localized Prostate Cancer, An. 20
- Exercise-Induced Bronchoconstriction and Asthma 20
- Family History and Improving Health . . . 20
- Family History of Breast, Ovarian, Prostate, and Colorectal Cancers 20
- GRADE: Assessing the Quality of Evidence for Diagnostic Recommendations. 19
- Grading the Strength of a Body of Evidence when Comparing Medical Interventions—Agency for Healthcare Research and Quality and the Effective Health Care Program: AHRQ Series Paper 5 19
- Health Literacy Interventions and Outcomes: An Updated Systematic Review 21
- HER2 Testing to Manage Patients with Breast Cancer or Other Solid Tumors. . . . 20
- Identifying and Using Good Practice Guidelines 19
- Impact of Consumer Health Informatics Applications 20
- Importance of Recommendations for Gestational Weight Gain 19
- Inhaled Nitric Oxide in Preterm Infants. . 21
- Integration of Mental Health/Substance Abuse and Primary Care 21
- Issues and Challenges in Conducting Systematic Reviews to Support Development of Nutrient Reference Values, Workshop Summary 21
- Lactose Intolerance and Health 21
- Management of Acute Otitis Media: Update 20
- Management of Chronic Hepatitis B 20
- Maternal and Neonatal Outcomes of Elective Induction of Labor 21
- Outcomes of Genetic Testing in Adults with a History of Venous Thromboembolism. . 20
- Preventing Alzheimer's Disease and Cognitive Decline 21
- Reporting of Systematic Reviews of Micronutrients and Health: A Critical Appraisal 21
- Safety of Probiotics to Reduce Risk and Prevent or Treat Disease 20
- Transition of Care for Acute Stroke and Myocardial Infarction Patients: From Hospitalization to Rehabilitation, Recovery, and Secondary Prevention 20
- Treatment of Common Hip Fractures. . . . 21
- Treatment of Overactive Bladder in Women 21
- Vaginal Birth After Cesarean: New Insights 21
- Vitamin D and Calcium: A Systematic Review of Health Outcomes 20
- Will It Work Here? A Decisionmakers Guide to Adopting Innovations. 19
- Gerontology. See Elderly/Long-Term Care**
- Gynecology. See Women's Health**
- Health Care Costs and Utilization**
- Accuracy of Medicare Expenditures in the Medical Expenditure Panel Survey 29
- Acute Care Utilization and Rehospitalizations for Sickle Cell Disease 30
- Annual Medical Spending Attributable to Obesity: Payer- and Service-Specific Estimates 22
- Assessment of the Impact of Two Distinct Survey Design Modifications on Health Care Utilization Estimates in the Medical Expenditures Panel Survey 22
- Changes in Hospital Readmissions for Diabetes-Related Conditions: Differences by Payer 27
- Consumer Financial Incentives: A Decision Guide for Purchasers. 22
- Containing Costs and Improving Care for Children in Medicaid and CHIP. 1
- Contemporary Costs of HIV Healthcare in the HAART Era 22
- Cost Sharing in Medicaid and CHIP: How Does It Affect Out-of-Pocket Spending? . 22
- Costly Hospital Readmissions and Complex Chronic Illness 22
- Costs and State-Specific Rates of Thoracic and Lumbar Vertebroplasty, 2001-2005 . . 22
- Determinants of Utilization and Expenditures for the Episodes of Ambulatory Physical Therapy Among Adults. 22
- Diffusion of New Technology and Payment Policies: Coronary Stents 27
- Disparities in Antiretroviral Treatment: A Comparison of Behaviorally HIV-Infected Youth and Adults in the HIV Research Network. 22
- Does Prescription Drug Adherence Reduce Hospitalizations and Costs? The Case of Diabetes. 23
- Does State Regulation of Quality Impose Costs on Nursing Homes? 18
- Economic Burden of Late Entry into Medical Care for Patients with HIV Infection 23
- Effect of Certificate-of-Need Laws on Hospital Beds and Healthcare Expenditures: An Empirical Analysis, The 23
- Effect of Tax Subsidies on High Health Care Expenditure Burdens in the United States, The 23
- Geographic Variation: A View from the Hospital Sector 23
- HCUPnet. 22
- HIV-Related Medical Service Use by Rural/Urban Residents: A Multistate Perspective 23
- Improving Efficiency and Value in Health Care: Introduction 44
- Inefficiency Differences Between Critical Access Hospitals and Prospectively Paid Rural Hospitals 23
- Infectious Disease Hospitalizations in the United States. 23

Subject Index

Inpatient Health Services Utilization Among HIV-Infected Adult Patients in Care 2002-2007.	23	Trends and Burden of Bronchiectasis-Associated Hospitalizations in the United States, 1993-2006	25	Strategies to Ensure HITECH Supports the Patient-Centered Medical Home; Decisionmaker Brief.	40
Investing in Preventive Dental Care for the Medicare Population: A Preliminary Analysis.	23	Using Information on Clinical Conditions to Predict High-Cost Patients	25	Telehealth: Decisionmaker Brief	26
Kids' Inpatient Database (KID)	23	VA Pharmacy Users: How They Differ from Other Veterans.	25	Health Insurance/Access to Care	
Medical Expenditure Panel Survey—A National Information Resource to Support Healthcare Cost Research and Inform Policy and Practice, The.	6	Within-Year Concentration of Medical Care: Implications for Family Out-of-Pocket Expenditure Burdens, The	25	Adults with Diagnosed and Untreated Diabetes: Who Are They? How Can We Reach Them?	27
Mental Health and Family Out-of-Pocket Expenditure Burdens.	24	Youth Motorcycle-Related Hospitalizations in the United States in 2006.	3	Adverse Selection and the Effect of Health Insurance on Utilization of Prescribed Medicine Among Patients with Chronic Conditions.	27
MEPS: A Survey of Health Care Use and Spending	24	Health Information Technology		Annual Medical Spending Attributable to Obesity: Payer- and Service-Specific Estimates.	22
MEPS Statistical Briefs	5	Accuracy of a Computerized Clinical Decision-Support System for Asthma Assessment and Management.	26	Changes in Hospital Readmissions for Diabetes-Related Conditions: Differences by Payer.	27
MEPSnet	5	Bar-Coded Medication Administration: Decisionmaker Brief.	26	Characteristics of Employers Offering Dental Coverage in the United States.	27
National Estimates of Out-of-Pocket Health Care Expenditure Burdens Among Nonelderly Adults with Cancer: 2001 to 2008.	24	Barriers and Drivers of Health Information Technology Use for the Elderly, Chronically Ill, and Underserved	20	Children's Health Insurance Program Reauthorization Act Quality Measures Initiatives: Moving Forward to Improve Measurement, Care, and Child and Adolescent Outcomes, The	1
Nationwide Inpatient Sample (NIS) Brochure	24	Chronic Disease Management: Decisionmaker Brief.	26	CMS's Hospital Acquired Condition Lists Link Hospital Payment, Patient Safety	33
New Estimates of the Demand for Physical and Mental Health Treatment	24	Commercial Off-the-Shelf Consumer Health Informatics Interventions: Recommendations for Their Design, Evaluation, and Redesign	26	CMS's Landmark Decision on CT Colonography: Examining the Relevant Data.	27
Nontuberculous Mycobacteria-Associated Lung Disease in Hospitalized Persons, United States, 1998-2005	24	Computerized Provider Order Entry: Decisionmaker Brief.	26	Connecting Those at Risk to Care: A Guide to Building a Community "HUB" to Promote a System of Collaboration, Accountability, and Improved Outcomes	27
Overweight in Adolescents: Implications for Health Expenditures	24	Considerations for the Design of Safe and Effective Consumer Health IT Applications in the Home.	26	Connecting Those at Risk to Care: The Quick Start Guide to Developing Community Care Coordination Pathways	27
Patient Self-Management Support Programs: An Evaluation	39	Enabling Medication Management Through Health Information Technology	20	Containing Costs and Improving Care for Children in Medicaid and CHIP	1
Patient-Centered Care Categorization of U.S. Health Care Expenditures.	24	Health Information Technology: Turning the Patient-Centered Medical Home from Concept to Reality	39	Cost and Incidence of Prescribing Errors Among Privately Insured HIV Patients, The	34
Paying Physicians by Capitation: Is the Past Now Prologue?	24	Impact of Consumer Health Informatics Applications	20	Diffusion of New Technology and Payment Policies: Coronary Stents	27
Payment Reform	29	Improving Patient Flow and Reducing Emergency Department Crowding: A Guide for Hospitals	44	Do Medicare Advantage Enrollees Tend to Be Admitted to Hospitals with Better or Worse Outcomes Compared with Fee-for-Service Enrollees?	27
Profile of Inpatient Operating Room Procedures in U.S. Hospitals in 2007.	24	Industrial and Systems Engineering and Health Care: Critical Areas of Research, Final Report	26	Do SCHIP Enrollees Stay Insured?	1
Re-Engineered Hospital Discharge Process Lowers Readmissions, Reduces Costs	24	Information Gap: Can Health Insurer Personal Health Records Meet Patients' and Physicians' Needs?	26	Effects of Immigration on the Health Insurance Status of Natives	27
State Ambulatory Surgery Databases (SASD) Brochure	25	Investing in Health Information Infrastructure: Can It Help Achieve Health Reform?	26	Families with Mixed Eligibility for Public Coverage: Navigating Medicaid, CHIP, and Uninsurance	28
State- and Payer-Specific Estimates of Annual Medical Expenditures Attributable to Obesity	25	Public Role in Promoting Child Health Information Technology, The	26	Financing of Mental Health and Substance Abuse Services: Insurance, Managed Care, and Reimbursement, The	28
State Emergency Department Databases (SEDD) Brochure	25	Redesigning Care Processes Using an Electronic Health Record: A System's Experience.	26	Game-Theoretical Interpretation of Guaranteed Renewability in Health Insurance, A	28
State Inpatient Databases (SID) Brochure	25	Reducing Disparities in Health Care Quality: The Role of Health IT in Underresourced Settings	26		
State Variations in the Out-of-Pocket Spending Burden for Outpatient Mental Health Treatment.	25				
Survey of Health Care Use and Spending, A	25				
Tax-Exempt Hospitals and Community Benefits: A Review of State Reporting Requirements	25				

Subject Index

- Geographic Variation: A View from the Hospital Sector 23
- Health Insurance Enrollment Decisions: Preferences for Coverage, Worker Sorting, and Insurance Take-Up 28
- Health Insurance Status of Low-Wage Workers: The Role of Workplace Composition and Marital Status, The 28
- Identification of Hospital-Acquired Catheter-Associated Urinary Tract Infections from Medicare Claims 44
- Immigrants and the Use of Preventive Care in the United States 30
- Impact of Increased Tax Subsidies on the Insurance Coverage of Self-Employed Families: Evidence from the 1996-2004 Medical Expenditure Panel Survey, The . . . 28
- Impact of National Health Care Reform on Adults with Severe Mental Disorders, The 28
- Impact of Primary Care Case Management (PCCM) Implementation on Medicaid and SCHIP 2
- Impact of Survey Design Modifications on Health Insurance Coverage Estimates in a National Longitudinal Health Care Survey, The 6
- Individual Insurance and Access to Care . 28
- Influence of Changes in Dental Care Coverage on Dental Care Utilization Among Retirees and Near-Retirees in the United States, 2004-2006, The 28
- Information Gap: Can Health Insurer Personal Health Records Meet Patients' and Physicians' Needs? 26
- Medicare Managed Care and Primary Care Quality: Examining Racial/Ethnic Effects Across States 31
- Partially Identifying Treatment Effects with an Application to Covering the Uninsured 28
- Payer Perspectives on Pharmacogenomics Testing and Drug Development 28
- Payment Reform 29
- Poor People, Poor Places and Access to Health Care in the United States 29
- Premium Growth and Its Effect on Employer-Sponsored Insurance 29
- State Regulatory Enforcement and Nursing Home Termination from the Medicare and Medicaid Programs 19
- Unhealthy and Uninsured: Exploring Racial Differences in Health and Health Insurance Coverage Using a Life Table Approach . . 29
- Utility of Prediction Models to Oversample the Long-Term Uninsured, The 29
- Value-Based Insurance Design in Medicare 29
- Wealth, Income, and the Affordability of Health Insurance 29
- Health Services Research**
- Accuracy of Medicare Expenditures in the Medical Expenditure Panel Survey 29
- Advancing Methods for Comparative Effectiveness Research 6
- Defining and Measuring Successful Emergency Care Networks: A Research Agenda 42
- Deriving SF-12v2 Physical and Mental Health Summary Scores: A Comparison of Different Scoring Algorithms 29
- Game-Theoretical Interpretation of Guaranteed Renewability in Health Insurance, A 28
- Health Expenditure Estimation and Functional Form: Applications of the Generalized Gamma and Extended Estimating Equations Models 29
- Health Services Research Agenda for Cellular, Molecular, and Genomic Technologies in Cancer Care, A 29
- Impact of Survey Design Modifications on Health Insurance Coverage Estimates in a National Longitudinal Health Care Survey, The 6
- Implications of the Accuracy of MEPS Prescription Drug Data for Health Services Research 6
- Incidence of and Risk Factors for Bacteraemia in HIV-Infected Adults in the Era of Highly Active Antiretroviral Therapy 30
- Medical Expenditure Panel Survey—A National Information Resource to Support Healthcare Cost Research and Inform Policy and Practice, The 6
- National Release of the Nursing Home Quality Report Cards: Implications of Statistical Methodology for Risk Adjustment 30
- Patient Engagement in Health Care 30
- Resource Guide to AHRQ Child and Youth Health and Health Care Services Data . . . 6
- Sensitivity of Household Reported Medical Conditions in the Medical Expenditure Panel Survey 30
- Updated U.S. Population Standard for the Veterans RAND 12-Item Health Survey (VR-12) 30
- Using Information on Clinical Conditions to Predict High-Cost Patients 25
- Using Proxy Measures and Other Correlates of Survey Outcomes to Adjust for Non-Response: Examples from Multiple Surveys 30
- Validating Household Reports of Health Care Use in the Medical Expenditure Panel Survey 6
- What Have We Learned from the Application of Stochastic Frontier Analysis to U.S. Hospitals? 30
- Within-Year Concentration of Medical Care: Implications for Family Out-of-Pocket Expenditure Burdens, The 25
- Hospitals**
- Acute Care Utilization and Rehospitalizations for Sickle Cell Disease 30
- Adverse Event Reporting Practices by U.S. Hospitals: Results of a National Survey . . 33
- Annual Report on Health Care for Children and Youth in the United States: Focus on Trends in Hospital Use and Quality 1
- Board Oversight of Quality: Any Differences in Process of Care and Mortality? 41
- Can State Databases Be Used to Develop a National, Standardized Hospital Nurse Staffing Database? 5
- Canary's Warning: Why Infections Matter, The 33
- Changes in Hospital Readmissions for Diabetes-Related Conditions: Differences by Payer 27
- Changes in Patient Flow Among Five Hospitals Participating in a Learning Collaborative 41
- CMS's Hospital Acquired Condition Lists Link Hospital Payment, Patient Safety . . 33
- Costly Hospital Readmissions and Complex Chronic Illness 22
- Defining the Emergency Care Sensitive Condition: A Health Policy Research Agenda in Emergency Medicine 42
- Disparities in Infectious Disease Hospitalization for American Indian/Alaska Native People 30
- Do Medicare Advantage Enrollees Tend to Be Admitted to Hospitals with Better or Worse Outcomes Compared with Fee-for-Service Enrollees? 27
- Do Patient Safety Events Increase Readmissions? 34
- Does Prescription Drug Adherence Reduce Hospitalizations and Costs? The Case of Diabetes 23
- Effect of Certificate-of-Need Laws on Hospital Beds and Healthcare Expenditures: An Empirical Analysis, The 23
- Effects of Hospital Competition on Inpatient Quality of Care 42
- Emergency Department Care in the United States: A Profile of National Data Sources 5
- Emergency Severity Index, Version 4: Everything You Need to Know 42
- Emergency Severity Index, Version 4: Implementation Handbook 42
- Enhancing Board Oversight on Quality of Hospital Care: An Agency Theory Perspective 43
- Enhancing Quality Oversight 43

Subject Index

Facilitators and Barriers to the Implementation of Patient Flow Improvement Strategies 43

Geographic Variation: A View from the Hospital Sector 23

Getting to Zero: New Resources Aim to Reduce Health Care-Associated Infections. 43

HCUPnet. 22

Hospital Quality, Efficiency, and Input Slack Differentials 44

Hospital Survey on Patient Safety Culture. 35

Hospital Survey on Patient Safety Culture: 2012 User Comparative Database Report 35

Hospitalizations for Kawasaki Syndrome Among Children in the United States, 1997-2007. 1

Identification of Hospital-Acquired Catheter-Associated Urinary Tract Infections from Medicare Claims 44

Impact of Local Resources on Hospitalization Patterns of Medicare Beneficiaries and Propensity to Travel Outside Local Markets 18

Improving Efficiency and Value in Health Care: Introduction. 44

Improving Patient Flow and Reducing Emergency Department Crowding: A Guide for Hospitals 44

Incidence and Types of Non-Ideal Care Events in an Emergency Department 35

Incorrect Surgical Procedures Within and Outside of the Operating Room: A Follow-Up Report 35

Inefficiency Differences Between Critical Access Hospitals and Prospectively Paid Rural Hospitals 23

Infectious Disease Hospitalizations in the United States. 23

Inpatient Health Services Utilization Among HIV-Infected Adult Patients in Care 2002-2007. 23

Inpatient Quality Indicators 45

Measuring Hospital Inefficiency: The Effects of Controlling for Quality and Patient Burden of Illness. 44

Methicillin-Resistant *Staphylococcus aureus*-Associated Hospitalizations Among the American Indian and Alaska Native Population 31

Modifying ICD-9-CM Coding of Secondary Diagnoses to Improve Risk-Adjustment of Inpatient Mortality Rates 6

More Work Is Needed to Protect Medical Residents from Fatigue and Potential Errors, IOM Report Finds. 35

Nationwide Inpatient Sample (NIS) Brochure 24

Nontuberculous Mycobacteria-Associated Lung Disease in Hospitalized Persons, United States, 1998-2005 24

Potentially Preventable Hospitalizations—United States, 2004-2007 40

Preventing Healthcare-Associated Infections: Initiating Promising Solutions and Expanding Proven Ones 45

Preventing Hospital-Acquired Venous Thromboembolism: A Guide for Effective Quality Improvement 45

Quality in the OR: The New AHRQ Reports 45

Quality Indicators Toolkit for Hospitals . . 45

Race and Ethnicity Reporting in Statewide Hospital Data: Progress and Future Challenges in a Key Resource for Local and State Monitoring of Health Disparities. . . . 6

Racial Disparities in Diarrhea-Associated Hospitalizations Among Children in Five U.S. States, Before and After Introduction of Rotavirus Vaccine 2

Reducing Central Line-Related Bloodstream Infections. 45

Reduction in Acute Gastroenteritis Hospitalizations Among U.S. Children After Introduction of Rotavirus Vaccine: Analysis of Hospital Discharge Data from 18 U.S. States. 2

Re-Engineered Hospital Discharge Process Lowers Readmissions, Reduces Costs . . . 24

Reengineering Hospital Discharge: A Protocol to Improve Patient Safety, Reduce Costs, and Boost Patient Satisfaction . . . 37

Stress of the Care Environment, The 45

Tax-Exempt Hospitals and Community Benefits: A Review of State Reporting Requirements 25

Ten Years After *To Err Is Human* 37

Testing the Association Between Patient Safety Indicators and Hospital Structural Characteristics in VA and Nonfederal Hospitals 37

Transforming Hospitals: Designing for Safety and Quality 37

Trends and Burden of Bronchiectasis-Associated Hospitalizations in the United States, 1993-2006 25

What Have We Learned from the Application of Stochastic Frontier Analysis to U.S. Hospitals? 30

Youth Motorcycle-Related Brain Injury by State Helmet Law Type: United States, 2005-2007. 3

Youth Motorcycle-Related Hospitalizations in the United States in 2006. 3

Insurance. See Health Insurance/Access to Care

Long-Term Care. See Elderly/Long-Term Care

Managed Care. See Health Care Markets/Managed Care

Markets. See Health Care Markets/Managed Care

Measuring Health Care Quality. See Quality of Care

Medical Effectiveness Research. See Outcomes and Effectiveness Research

Medical Errors. See Patient Safety/Medical Errors

Mental Health/Substance Abuse

Clinical Practice Guideline, Treating Tobacco Use and Dependence: 2008 Update. 3

Clinical Practice Guideline for Treating Tobacco Use and Dependence: 2008 Update, A 3

Depression After Brain Injury: A Guide for Patients and Their Caregivers 12

Do Adolescents with Emotional or Behavioral Problems Respond to Cigarette Prices?. 1

Dual Eligibles with Mental Disorders and Medicare Part B: How Are They Faring?. 18

Effects of Antidepressant Treatment on Antiretroviral Regimen Adherence Among Depressed HIV-Infected Patients 32

Examining Latino Differences in Mental Healthcare Use: The Roles of Acculturation and Attitudes Towards Healthcare 30

Explaining Racial and Ethnic Differences in Antidepressant Use Among Adolescents . . 1

Financing of Mental Health and Substance Abuse Services: Insurance, Managed Care, and Reimbursement, The 28

First- and Second-Generation Antipsychotics for Children and Young Adults 16

Integration of Mental Health/Substance Abuse and Primary Care. 21

Mental Health and Family Out-of-Pocket Expenditure Burdens. 24

Mental Health Needs of Low-Income Children with Special Health Care Needs . 2

National Agenda for Research in Collaborative Care: Papers from the Collaborative Care Research Network Research Development Conference, A. . . 39

New Estimates of the Demand for Physical and Mental Health Treatment 24

Off-Label Use of Atypical Antipsychotic Drugs: A Summary for Clinicians and Policymakers. 11

Off-Label Use of Atypical Antipsychotics. 16

Off-Label Use of Atypical Antipsychotics: An Update. 16

Subject Index

- Preventing Alzheimer's Disease and Cognitive Decline 21
- Quick-Reference Guide for Clinicians: Treating Tobacco Use and Dependence . . . 3
- Self-Rated Mental Health and Racial/Ethnic Disparities in Mental Health Service Use 31
- State Variations in the Out-of-Pocket Spending Burden for Outpatient Mental Health Treatment. 25
- Stimulant Medication Use in Children: A 12-Year Perspective 2
- You Can Quit Smoking, Pocket Card 3
- You Can Quit Smoking: Support and Advice from Your Clinician, Tearsheet Pad. 3
- You Can Quit Smoking: Support and Advice from Your Prenatal Care Provider, Tearsheet Pad. 3
- Methodological Research. See Statistical and Methodological Research**
- Minority Health**
- Acute Care Utilization and Rehospitalizations for Sickle Cell Disease 30
- Annual Report on Health Care for Children and Youth in the United States: Racial/Ethnic and Socioeconomic Disparities in Children's Health Care Quality 1
- Can Incentives to Improve Quality Reduce Disparities? 41
- Community and Individual Race/Ethnicity and Home Health Care Use Among Elderly Persons in the United States 17
- Disparities in Infectious Disease Hospitalization for American Indian/Alaska Native People 30
- Examining Latino Differences in Mental Healthcare Use: The Roles of Acculturation and Attitudes Towards Healthcare 30
- Explaining Racial and Ethnic Differences in Antidepressant Use Among Adolescents . . 1
- Healthcare Quality and Disparities: Attacking Problems at Their Root 43
- Immigrants and the Use of Preventive Care in the United States. 30
- Impact of Patient Race on Patient Experiences of Access and Communication in HIV Care. 30
- Measuring Trends in Racial/Ethnic Health Care Disparities. 31
- Medicare Managed Care and Primary Care Quality: Examining Racial/Ethnic Effects Across States. 31
- Methicillin-Resistant *Staphylococcus aureus*-Associated Hospitalizations Among the American Indian and Alaska Native Population 31
- National Healthcare Disparities Report, 2011. 43
- Not About Us Without Us. 31
- Quality and Disparities Reports: Why Is Progress So Slow? The 45
- Race and Ethnicity Reporting in Statewide Hospital Data: Progress and Future Challenges in a Key Resource for Local and State Monitoring of Health Disparities. . . . 6
- Racial Disparities in Diarrhea-Associated Hospitalizations Among Children in Five U.S. States, Before and After Introduction of Rotavirus Vaccine 2
- Racial Disparities in the Frequency of Patient Safety Events: Results from the National Medicare Patient Safety Monitoring System 36
- Racial/Ethnic and Gender Differences in Individual Workplace Injury Risk Trajectories: 1988-1998 31
- Racial/Ethnic Differences in the Incidence of Kawasaki Syndrome Among Children in Hawaii 2
- Reducing Disparities in Health Care Quality: The Role of Health IT in Underresourced Settings 26
- Self-Rated Mental Health and Racial/Ethnic Disparities in Mental Health Service Use 31
- Unhealthy and Uninsured: Exploring Racial Differences in Health and Health Insurance Coverage Using a Life Table Approach . . 29
- Nursing Homes. See Elderly/Long-Term Care**
- Obstetrics. See Women's Health**
- Outcomes and Effectiveness Research**
- Advancing Research Data Infrastructure for Patient-Centered Outcomes Research 5
- Adverse Events After Stopping Clopidogrel in Post-Acute Coronary Syndrome Patients: Insights from a Large Integrated Healthcare Delivery System 31
- Best Practices in Systems Interventions to Reduce the Burden of Fractures 31
- Cancer Pharmacogenomics and Pharmacoepidemiology: Setting a Research Agenda to Accelerate Translation. 31
- CERTs Annual Report, Year 7 31
- Challenge of Multiple Comorbidity for the U.S. Health Care System, The 31
- Connecting Those at Risk to Care: A Guide to Building a Community "HUB" to Promote a System of Collaboration, Accountability, and Improved Outcomes 27
- Connecting Those at Risk to Care: The Quick Start Guide to Developing Community Care Coordination Pathways 27
- Diagnostic Performance of Serum Cobalamin Tests: A Systematic Review and Meta-Analysis 32
- Effects of Antidepressant Treatment on Antiretroviral Regimen Adherence Among Depressed HIV-Infected Patients 32
- Evidence on the Chronic Care Model in the New Millennium. 39
- Patient-Centered Outcomes Research and Nurse Practitioners' Role in Shared Decision Making 8
- Planning the Safety of Atrial Fibrillation Ablation Registry Initiative (SAFARI) as a Collaborative Pan-Stakeholder Critical Path Registry Model: A Cardiac Safety Research Consortium "Incubator" Think Tank 32
- Prostate Cancer Intervention Versus Observation Trial: VA/NCI/AHRQ Cooperative Studies Program #407 (PIVOT): Design and Baseline Results of a Randomized Controlled Trial Comparing Radical Prostatectomy to Watchful Waiting for Men with Clinically Localized Prostate Cancer, The 32
- Recent Improvements in Bariatric Surgery Outcomes 32
- Roundtable on Expanding Capacity for Comparative Effectiveness Research in the United States. 8
- Transformation of Health Care at the Front Line 32
- Patient Safety/Medical Errors**
- Accountability Conundrum: Staying Focused, Delivering Results, The; A Report on the UHC 2008 Quality and Safety Forum 32
- Advances in Patient Safety: From Research to Implementation 32
- Advances in Patient Safety: New Directions and Alternative Approaches 32
- Advancing Patient Safety: A Decade of Evidence Design and Implementation . . . 33
- Adverse Event Reporting Practices by U.S. Hospitals: Results of a National Survey. . 33
- Adverse Event Reporting Systems and Safer Healthcare 33
- AHRQ Patient Safety Network. 33
- AHRQ Web M&M 33
- Alleviating "Second Victim" Syndrome: How We Should Handle Patient Harm . . . 33
- Applying Trigger Tools to Detect Adverse Events Associated with Outpatient Surgery 33
- Becoming a High Reliability Organization: Operational Advice for Hospital Leaders. 33
- Canary's Warning: Why Infections Matter, The 33
- CMS's Hospital Acquired Condition Lists Link Hospital Payment, Patient Safety. . 33
- Common Formats Allow Uniform Collection and Reporting of Patient Safety Data by Patient Safety Organizations. 5

Subject Index

Consensus-Based Recommendations for Research Priorities Related to Interventions to Safeguard Patient Safety in the Crowded Emergency Department 34

Cost and Incidence of Prescribing Errors Among Privately Insured HIV Patients, The

Do Patient Safety Events Increase Readmissions? 34

DoD Medical Team Training Programs: An Independent Case Study Analysis 34

Establishing a Global Learning Community for Incident-Reporting Systems 34

From Research to Practice: Factors Affecting Implementation of Prospective Targeted Injury-Detection Systems 34

Guide for Developing a Community-Based Patient Safety Advisory Council. 35

Hospital Survey on Patient Safety Culture. 35

Hospital Survey on Patient Safety Culture: 2012 User Comparative Database Report 35

Human Factors of Home Health Care: A Conceptual Model for Examining Safety and Quality Concerns, The 35

Incidence and Types of Non-Ideal Care Events in an Emergency Department 35

Incorrect Surgical Procedures Within and Outside of the Operating Room: A Follow-Up Report 35

Medical Office Survey on Patient Safety Culture. 35

Mistake-Proofing the Design of Health Care Processes. 35

More Work Is Needed to Protect Medical Residents from Fatigue and Potential Errors, IOM Report Finds. 35

New Patient Safety Culture Survey Helps Medical Offices Assess Awareness. 35

New Patient Safety Organizations Can Help Providers Learn From and Reduce Patient Safety Events 35

New Patient Safety Organizations Lower Roadblocks to Medical Error Reporting . 36

New Research Highlights the Role of Patient Safety Culture and Safer Care 36

Nursing Home Survey on Patient Safety Culture. 36

Partial Truths in the Pursuit of Patient Safety 36

Patient Safety and Medical Liability Reform: Putting the Patient First 36

Patient Safety and Quality: An Evidence-Based Handbook for Nurses. 36

Patient Safety Improvement Corps: Tools, Methods, and Techniques for Improving Patient Safety 36

Patient Safety Quality Indicators 45

Pediatric Quality Indicators 45

Pharmacists Emerge as Key Stakeholders in Quality, Patient Safety Efforts 36

Problems and Prevention: Chest Tube Insertion 36

Racial Disparities in the Frequency of Patient Safety Events: Results from the National Medicare Patient Safety Monitoring System. 36

Reducing Central Line-Related Bloodstream Infections. 45

Reducing Health Care Hazards: Lessons from the Commercial Aviation Safety Team 37

Reengineering Hospital Discharge: A Protocol to Improve Patient Safety, Reduce Costs, and Boost Patient Satisfaction 37

Science of Safety Improvement: Learning While Doing, The 37

State Regulatory Enforcement and Nursing Home Termination from the Medicare and Medicaid Programs. 19

Stress of the Care Environment, The 45

TeamSTEPPS Guide to Action 34

TeamSTEPPS Instructor Guide 34

Team STEPPS Multimedia Resource Kit. 34

Team STEPPS Pocket Guide 34

TeamSTEPPS Poster. 34

TeamSTEPPS Rapid Response System Module, CD 34

Ten Years After To Err Is Human 37

Testing the Association Between Patient Safety Indicators and Hospital Structural Characteristics in VA and Nonfederal Hospitals. 37

Tools to Alleviate Safety Concerns 37

Towards a Safer Healthcare System 37

Transforming Healthcare: A Safety Imperative 37

Transforming Hospitals: Designing for Safety and Quality 37

Triggers and Targeted Injury Detection Systems (TIDS) Expert Panel Meeting: Conference Summary 35

Twenty Tips to Help Prevent Medical Errors 5

Pay for Performance

Consumer Financial Incentives: A Decision Guide for Purchasers. 22

Pay for Performance: A Decision Guide for Purchasers 44

Paying Physicians by Capitation: Is the Past Now Prologue? 24

Payment Reform 29

Transformation of Health Care at the Front Line 32

Pediatrics. See Children's Health

Practice Guidelines. See Clinical Practice Guidelines

Prevention

Electronic Preventive Services Selector (ePSS) 38

Guide to Clinical Preventive Services 2010-2011, The 39

Immigrants and the Use of Preventive Care in the United States. 30

Men: Stay Healthy at Any Age 38

Men: Stay Healthy at 50+ 38

Prevention Quality Indicators 45

Reconsidering the Approach to Prevention Recommendations for Older Adults 38

Screening for Colorectal Cancer. 38

Screening for Prostate Cancer with PSA Testing: Current Status and Future Directions 38

Screening of Infants for Hyperbilirubinemia to Prevent Chronic Bilirubin Encephalopathy. 38

Women: Stay Healthy at Any Age 38

Women: Stay Healthy at 50+ 38

Women with Diagnosed Diabetes Across the Life Stages: Underuse of Recommended Preventive Care Services 46

Primary Care

Adults with Diagnosed and Untreated Diabetes: Who Are They? How Can We Reach Them? 27

As Obesity Epidemic Escalates, Need for More Screening and Counseling Grows. . 41

Best Practices in Systems Interventions to Reduce the Burden of Fractures 31

Colorectal Cancer Screening by Primary Care Physicians: Recommendations and Practices, 2006-2007. 39

Coordinating Care in the Medical Neighborhood: Critical Components and Available Mechanisms 39

Evidence on the Chronic Care Model in the New Millennium 39

Health Information Technology: Turning the Patient-Centered Medical Home from Concept to Reality 39

Impact of Primary Care Case Management (PCCM) Implementation on Medicaid and SCHIP 2

Integration of Mental Health/Substance Abuse and Primary Care. 21

Logic Model Framework for Evaluation and Planning in a Primary Care Practice-Based Research Network, A 39

Medical Office Survey on Patient Safety Culture. 35

Medicare Managed Care and Primary Care Quality: Examining Racial/Ethnic Effects Across States. 31

Subject Index

- National Agenda for Research in Collaborative Care: Papers from the Collaborative Care Research Network Research Development Conference, A . . . 39
- Patient Self-Management Support Programs: An Evaluation 39
- Patient-Centered Medical Home Cyberinfrastructure: Current and Future Landscape 40
- Patient-Centered Medical Home: Strategies to Put Patients at the Center of Primary Care, The; Decisionmaker Brief. 40
- Potentially Preventable Hospitalizations—United States, 2004-2007 40
- Precision Science and Patient-Centered Care 40
- Prevalence, Severity, and Treatment of Community-Acquired Methicillin-Resistant *Staphylococcus aureus* (CA-MRSA) Skin and Soft Tissue Infections in 10 Medical Clinics in Texas: A South Texas Ambulatory Research Network (STARNet) Study. . . . 40
- Primary Care: Too Important to Fail. . . . 40
- Re: The Agency for Healthcare Research and Quality (AHRQ) Practice-Based Research Network (PBRN) Relationship: Delivering on an Opportunity, Challenges, and Future Directions 40
- Strategies to Ensure HITECH Supports the Patient-Centered Medical Home; Decisionmaker Brief. 40
- Tribute to Dr. David Lanier, A 40
- Using the Evidence: PCMH and Patient-Centered Outcomes Research. 40
- Quality of Care**
- Accountability Conundrum: Staying Focused, Delivering Results, The; A Report on the UHC 2008 Quality and Safety Forum 32
- Annual Report on Health Care for Children and Youth in the United States: Focus on Trends in Hospital Use and Quality 1
- Annual Report on Health Care for Children and Youth in the United States: Racial/Ethnic and Socioeconomic Disparities in Children's Health Care Quality 1
- As Obesity Epidemic Escalates, Need for More Screening and Counseling Grows. . 41
- Asthma Care Quality Improvement: A Resource Guide for State Action 41
- Asthma Care Quality Improvement: A Workbook for State Action 41
- Bar-Coded Medication Administration: Decisionmaker Brief. 26
- Becoming a High Reliability Organization: Operational Advice for Hospital Leaders. 33
- Board Oversight of Quality: Any Differences in Process of Care and Mortality? 41
- Building Capacity for a Transformation Initiative: System Redesign at Denver Health 41
- Building the Path to High-Quality Care. . 41
- Can Incentives to Improve Quality Reduce Disparities? 41
- Changes in Clinical and Hotel Expenditures Following Publication of the Nursing Home Compare Report Card. 17
- Changes in Patient Flow Among Five Hospitals Participating in a Learning Collaborative. 41
- Chasing Zero: Can Reality Meet the Rhetoric? 41
- Chasing Zero Department: Making Idealized Design a Reality, The 41
- Children's Health Insurance Program Reauthorization Act Quality Measures Initiatives: Moving Forward to Improve Measurement, Care, and Child and Adolescent Outcomes, The. 1
- Chronic Disease Management: Decisionmaker Brief. 26
- Complexity, Bullying, and Stress: Analyzing and Mitigating a Challenging Work Environment for Nurses 41
- Computerized Provider Order Entry: Decisionmaker Brief. 26
- Containing Costs and Improving Care for Children in Medicaid and CHIP. 1
- Creating a Framework for Getting Quality into the Public Health System 42
- Defining and Measuring Successful Emergency Care Networks: A Research Agenda 42
- Defining the Emergency Care Sensitive Condition: A Health Policy Research Agenda in Emergency Medicine 42
- Designing and Implementing Medicaid Disease and Care Management Programs: A User's Guide 42
- Developing Quality of Care Measures for People with Disabilities: Summary of Expert Meeting. 42
- Diabetes Care Quality Improvement: A Resource Guide for State Action 42
- Diabetes Care Quality Improvement: A Workbook for States 42
- Diabetes Primary Prevention Initiative Interventions Focus Area: A Case Study and Recommendations, The. 42
- Do You Know the Right Questions to Ask? 4
- Does State Regulation of Quality Impose Costs on Nursing Homes? 18
- Effects of Hospital Competition on Inpatient Quality of Care 42
- Emergency Severity Index, Version 4: Everything You Need to Know 42
- Emergency Severity Index, Version 4: Implementation Handbook 42
- Enhancing Board Oversight on Quality of Hospital Care: An Agency Theory Perspective 43
- Enhancing Quality Oversight 43
- Facilitators and Barriers to the Implementation of Patient Flow Improvement Strategies 43
- Finding Order in Heterogeneity: Types of Quality Improvement Intervention Publications. 43
- Getting to Zero: New Resources Aim to Reduce Health Care-Associated Infections. 43
- Health Literacy Impact on Patient-Provider Interactions Involving the Treatment of Dental Problems 43
- Healthcare Quality and Disparities: Attacking Problems at Their Root 43
- Healthy Men 4
- High-Performance Work Systems in Health Care Management, Part 1: Development of an Evidence-Informed Model 43
- High-Performance Work Systems in Health Care Management, Part 2: Qualitative Evidence from Five Case Studies 43
- Hospital Quality, Efficiency, and Input Slack Differentials 44
- Human Factors of Home Health Care: A Conceptual Model for Examining Safety and Quality Concerns, The 35
- Identification of Hospital-Acquired Catheter-Associated Urinary Tract Infections from Medicare Claims 44
- Identifying Children's Health Care Quality Measures for Medicaid and CHIP: An Evidence-Informed, Publicly Transparent Expert Process 2
- Improving Efficiency and Value in Health Care: Introduction 44
- Improving Patient Flow and Reducing Emergency Department Crowding: A Guide for Hospitals 44
- Incidence and Types of Non-Ideal Care Events in an Emergency Department . . . 35
- Inpatient Quality Indicators 45
- Is There Evidence of Cream Skimming Among Nursing Homes Following the Publication of the Nursing Home Compare Report Card? 18
- Kidney-Related Diseases and Quality Improvement: AHRQ's Role. 44
- Leveraging Certified Nursing Assistant Documentation and Knowledge to Improve Clinical Decision Making: The On-Time Quality Improvement Program to Prevent Pressure Ulcers 44
- Measuring Hospital Inefficiency: The Effects of Controlling for Quality and Patient Burden of Illness. 44
- Measuring Patient-Centered Communication in Cancer Care: A Literature Review and the Development of a Systematic Approach. . 44

Subject Index

- Methodological Considerations in Generating Provider Performance Scores for Use in Public Reporting: A Guide for Community Quality Collaboratives 44
- Modifying ICD-9-CM Coding of Secondary Diagnoses to Improve Risk-Adjustment of Inpatient Mortality Rates 6
- National Healthcare Disparities Report, 2011. 43
- National Healthcare Quality Report, 2011. 43
- National Release of the Nursing Home Quality Report Cards: Implications of Statistical Methodology for Risk Adjustment 30
- Not About Us Without Us. 31
- Patient Safety Quality Indicators 45
- Patient Self-Management Support Programs: An Evaluation 39
- Patient-Centered Comparative Effectiveness Research: Essential for High-Quality Care 8
- Pay for Performance: A Decision Guide for Purchasers 44
- Paying Physicians by Capitation: Is the Past Now Prologue? 24
- Pediatric Quality Indicators 45
- Pharmacists Emerge as Key Stakeholders in Quality, Patient Safety Efforts 36
- Physician Leadership for High-Quality Care 45
- Population Mobility, Globalization, and Antimicrobial Drug Resistance 45
- Pressure Ulcer Prevention in Long-Term-Care Facilities: A Pilot Study Implementing Standardized Nurse Aid Documentation and Feedback Reports 18
- Preventing Healthcare-Associated Infections: Initiating Promising Solutions and Expanding Proven Ones 45
- Preventing Hospital-Acquired Venous Thromboembolism: A Guide for Effective Quality Improvement 45
- Prevention Quality Indicators 45
- Publication of Quality Report Cards and Trends in Reported Quality Measures in Nursing Homes 18
- Quality and Disparities Reports: Why Is Progress So Slow? The 45
- Quality in the OR: The New AHRQ Reports 45
- Quality Indicators Toolkit for Hospitals 45
- Questions Are the Answer Video: To Show in Your Waiting Room 4
- Questions Are the Answers, Notepads 4
- Redesigning Care Processes Using an Electronic Health Record: A System's Experience. 26
- Reducing Central Line-Related Bloodstream Infections. 45
- Reducing Disparities in Health Care Quality: The Role of Health IT in Underresourced Settings 26
- Selecting Quality and Resource Use Measures: A Decision Guide for Community Quality Collaboratives 45
- State Regulatory Enforcement and Nursing Home Termination from the Medicare and Medicaid Programs 19
- State Snapshots 41
- Stress of the Care Environment, The 45
- Telehealth: Decisionmaker Brief 26
- Ten Years After To Err Is Human 37
- Transforming Children's Health Care Quality and Outcomes—A Not-So-Random Non-Linear Walk Across the Translational Continuum 2
- Women at Risk for Diabetes: Access and Quality of Health Care, 2003-2006 46
- Women with Diabetes: Quality of Health Care, 2004-2005 46
- Research. See Health Services Research; Outcomes and Effectiveness Research; Statistical and Methodological Research**
- Statistical and Methodological Research**
- Agency for Healthcare Research and Quality (AHRQ) Effective Health Care (EHC) Program Methods Guide for Comparative Effectiveness Reviews: Keeping Up-to-Date in a Rapidly Evolving Field, The 6
- Assessment of the Impact of Two Distinct Survey Design Modifications on Health Care Utilization Estimates in the Medical Expenditures Panel Survey 22
- Can State Databases Be Used to Develop a National, Standardized Hospital Nurse Staffing Database? 5
- Conducting Quantitative Synthesis When Comparing Medical Interventions: AHRQ and the Effective Health Care Program 8
- Deriving SF-12v2 Physical and Mental Health Summary Scores: A Comparison of Different Scoring Algorithms 29
- Emergency Department Care in the United States: A Profile of National Data Sources 5
- GRADE Guidelines: 9. Rating Up the Quality of Evidence 5
- Health Expenditure Estimation and Functional Form: Applications of the Generalized Gamma and Extended Estimating Equations Models 29
- Impact of Survey Design Modifications on Health Insurance Coverage Estimates in a National Longitudinal Health Care Survey, The 6
- Implications of the Accuracy of MEPS Prescription Drug Data for Health Services Research 6
- Methodological Considerations in Generating Provider Performance Scores for Use in Public Reporting: A Guide for Community Quality Collaboratives 44
- National Release of the Nursing Home Quality Report Cards: Implications of Statistical Methodology for Risk Adjustment 30
- Observational Studies in Systemic Reviews of Comparative Effectiveness: AHRQ and the Effective Health Care Program 8
- Sensitivity of Household Reported Medical Conditions in the Medical Expenditure Panel Survey 30
- Translating Frontiers into Practice: Taking the Next Steps Toward Improving Hospital Efficiency 6
- Using Information on Clinical Conditions to Predict High-Cost Patients 25
- Using Proxy Measures and Other Correlates of Survey Outcomes to Adjust for Non-Response: Examples from Multiple Surveys 30
- Validating Household Reports of Health Care Use in the Medical Expenditure Panel Survey 6
- What Have We Learned from the Application of Stochastic Frontier Analysis to U.S. Hospitals? 30
- Treating Tobacco Use**
- Clinical Practice Guideline, Treating Tobacco Use and Dependence: 2008 Update. 3
- Clinical Practice Guideline for Treating Tobacco Use and Dependence: 2008 Update, A 3
- Help for Smokers and Other Tobacco Users, Consumer Guide 3
- Helping Smokers Quit, A Guide for Clinicians 3
- Quick-Reference Guide for Clinicians: Treating Tobacco Use and Dependence 3
- Quitting Helps You Heal Faster, Hospital Card 3
- Quitting Smoking—You Can Do It 4
- You Can Quit Smoking, Pocket Card 3
- You Can Quit Smoking: Support and Advice from Your Clinician, Tearsheet Pad. 3
- You Can Quit Smoking: Support and Advice from Your Prenatal Care Provider, Tearsheet Pad. 3

Subject Index

Utilization of Health Care. *See* *Health Care Cost and Utilization*

Women's Health

- Breastfeeding and Health Outcomes 46
- Core-Needle Biopsy for Breast Abnormalities: Clinician Guide 10
- Elective Induction of Labor: Safety and Harms: Clinician Guide 10
- Fracture Prevention Treatments for Postmenopausal Women with Osteoporosis: Clinician's Guide. 10
- Gestational Diabetes: A Guide for Pregnant Women 12
- Gestational Diabetes: Caring for Women During and After Pregnancy, Clinician Guide. 10
- Having a Breast Biopsy: A Guide for Women and Their Families. 12
- Medications to Reduce Risk of Primary Breast Cancer in Women 15
- Medications to Reduce the Risk of Primary Breast Cancer in Women: Clinician Guide. 10
- Noninvasive Diagnostic Tests for Breast Abnormalities; Update of a 2006 Review 15
- Noninvasive Tests for Breast Abnormalities 15
- Osteoporosis Treatments that Help Prevent Broken Bones: A Guide for Women After Menopause 13
- Reducing the Risk of Breast Cancer with Medicine: A Guide for Women. 13
- Self-Reported Delays in Receipt of Health Care Among Women with Diabetes and Cardiovascular Conditions 46
- Thinking About Having Your Labor Induced? A Guide for Pregnant Women. 13
- Toward Optimal Health: Maternal Benefits of Breastfeeding 46
- Treatment of Overactive Bladder in Women 21
- Vaginal Birth After Cesarean: New Insights 21
- What You Need To Know About Episiotomy 5
- Women at Risk for Diabetes: Access and Quality of Health Care, 2003-2006 46
- Women: Stay Healthy at Any Age 38
- Women: Stay Healthy at 50+ 38
- Women with Diabetes: Quality of Health Care, 2004-2005 46
- Women with Diagnosed Diabetes Across the Life Stages: Underuse of Recommended Preventive Care Services 46
- You Can Quit Smoking: Support and Advice from Your Prenatal Care Provider, Tearsheet Pad. 3

Title Index

- Accountability Conundrum: Staying Focused, Delivering Results, The; A Report on the UHC 2008 Quality and Safety Forum 32
- Accuracy of a Computerized Clinical Decision-Support System for Asthma Assessment and Management. 26
- Accuracy of Medicare Expenditures in the Medical Expenditure Panel Survey 29
- ACE Inhibitors and ARBs to Protect Your Heart? A Guide for Patients Being Treated for Stable Coronary Heart Disease 11
- ACEIs, ARBs, or DRI for Adults with Hypertension: Clinician Research Summary. 9
- ACEIs or ARBs for Adults with Hypertension: Clinician's Guide. 9
- Acute Care Utilization and Rehospitalizations for Sickle Cell Disease 30
- Adding ACEIs and/or ARBs to Standard Therapy for Stable Ischemic Heart Disease: Benefits and Harms; Clinician Guide 9
- Adding ACEIs and/or ARBs to Standard Therapy for Stable Ischemic Heart Disease: Benefits and Harms; Policymaker Summary. 14
- Adding the Patient Perspective to Comparative Effectiveness Research 6
- Adjunctive Devices for Patients with Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention 15
- Adjuvant Treatment for Phenylketonuria (PKU) 17
- Adults with Diagnosed and Untreated Diabetes: Who Are They? How Can We Reach Them? 27
- Advances in Patient Safety: From Research to Implementation. 32
- Advances in Patient Safety: New Directions and Alternative Approaches 32
- Advancing Methods for Comparative Effectiveness Research 6
- Advancing Patient Safety: A Decade of Evidence Design and Implementation 33
- Advancing Research Data Infrastructure for Patient-Centered Outcomes Research 5
- Advancing the Role of Systematic Reviews in Nutrition Research and Applications 21
- Adverse Event Reporting Practices by U.S. Hospitals: Results of a National Survey. 33
- Adverse Event Reporting Systems and Safer Healthcare. 33
- Adverse Events After Stopping Clopidogrel in Post-Acute Coronary Syndrome Patients: Insights from a Large Integrated Healthcare Delivery System 31
- Adverse Selection and the Effect of Health Insurance on Utilization of Prescribed Medicine Among Patients with Chronic Conditions. 27
- Agency for Healthcare Research and Quality (AHRQ) Effective Health Care (EHC) Program Methods Guide for Comparative Effectiveness Reviews: Keeping Up-to-Date in a Rapidly Evolving Field, The 6
- AHRQ Annual Highlights 2010 1
- AHRQ Patient Safety Network. 33
- AHRQ Publications Order Form 47
- AHRQ WebM&M. 33
- AHRQ's DEcIDE Network. 7
- AHRQ's Effective Health Care Program: Why Comparative Effectiveness Matters 7
- Alcohol Consumption and Cancer Risk: Understanding Possible Causal Mechanisms for Breast and Colorectal Cancers 19
- Alleviating "Second Victim" Syndrome: How We Should Handle Patient Harm 33
- Analgesics for Osteoarthritis 17
- Analgesics for Osteoarthritis: An Update of the 2006 Comparative Effectiveness Review 17
- Analgesics for Osteoarthritis: Focus of Research for Clinicians. 9
- Angiotensin-Converting Enzyme Inhibitors (ACEIs) and Angiotensin II Receptor Antagonists (ARBs) for Treating Essential Hypertension. 16
- Angiotensin-Converting Enzyme Inhibitors (ACEIs), Angiotensin II Receptor Antagonists (ARBs), and Direct Renin Inhibitors for Treating Essential Hypertension: An Update 16
- Angiotensin-Converting Enzyme Inhibitors or Angiotensin II Receptor Blockers Added to Standard Medical Therapy for Treating Stable Ischemic Heart Disease 15
- Annual Medical Spending Attributable to Obesity: Payer- and Service-Specific Estimates 22
- Annual Report on Health Care for Children and Youth in the United States: Focus on Trends in Hospital Use and Quality 1
- Annual Report on Health Care for Children and Youth in the United States: Racial/Ethnic and Socioeconomic Disparities in Children's Health Care Quality 1
- Antidepressant Medicines: A Guide for Adults with Depression. 11
- Applying Trigger Tools to Detect Adverse Events Associated with Outpatient Surgery 33
- As Obesity Epidemic Escalates, Need for More Screening and Counseling Grows. 41
- Assessing Applicability When Comparing Medical Interventions: Agency for Healthcare Research and Quality and the Effective Health Care Program. 7
- Assessment of the Impact of Two Distinct Survey Design Modifications on Health Care Utilization Estimates in the Medical Expenditures Panel Survey. 22
- Assessment of Thiopurine Methyltransferase Activity in Patients Prescribed Azathioprine or Other Thiopurine-Based Drugs 21
- Asthma Care Quality Improvement: A Workbook for State Action 41
- Asthma Care Quality Improvement: Resource Guide. 41
- Attention Deficit Hyperactivity Disorder: Effectiveness of Treatment in At-Risk Preschoolers; Long-Term Effectiveness in All Ages; and Variability in Prevalence, Diagnosis, and Treatment 16
- Bar-Coded Medication Administration: Decisionmaker Brief. 26
- Barriers and Drivers of Health Information Technology Use for the Elderly, Chronically Ill, and Underserved 20
- Be More Involved in your Health Care 4
- Becoming a High Reliability Organization: Operational Advice for Hospital Leaders. 33
- Best Practices in Systems Interventions to Reduce the Burden of Fractures 31
- Blood Thinner Pills: Your Guide to Using Them Safely 3
- Board Oversight of Quality: Any Differences in Process of Care and Mortality? 41
- Breastfeeding and Health Outcomes 46
- Building Capacity for a Transformation Initiative: System Redesign at Denver Health 41
- Building the Path to High-Quality Care 41
- Can Incentives to Improve Quality Reduce Disparities? 41
- Can State Databases Be Used to Develop a National, Standardized Hospital Nurse Staffing Database? 5
- Canary's Warning: Why Infections Matter, The 33
- Cancer Pharmacogenomics and Pharmacoepidemiology: Setting a Research Agenda to Accelerate Translation. 31
- CER: Tools—Not Rules, and Its Effects Can Be Transformational 7
- CERTs Annual Report, Year 7 31
- Challenge of Multiple Comorbidity for the U.S. Health Care System, The 31
- Changes in Clinical and Hotel Expenditures Following Publication of the Nursing Home Compare Report Card. 17
- Changes in Hospital Readmissions for Diabetes-Related Conditions: Differences by Payer 27
- Changes in Patient Flow Among Five Hospitals Participating in a Learning Collaborative. 41
- Characteristics of Employers Offering Dental Coverage in the United States. 27
- Charting a Path from Comparative Effectiveness Funding to Improved Patient-Centered Health Care 7

Title Index

- Chasing Zero: Can Reality Meet the Rhetoric? 41
- Chasing Zero Department: Making Idealized Design a Reality, The 41
- Children’s Health Insurance Program Reauthorization Act Quality Measures Initiatives: Moving Forward to Improve Measurement, Care, and Child and Adolescent Outcomes, The 1
- Choosing Antidepressants for Adults: Clinician Guide 9
- Choosing Medications for Adults with Rheumatoid Arthritis: Clinician Guide 9
- Choosing Medicines for High Blood Pressure: A Review of the Research on ACEIs, ARBs, and DRIs 11
- Choosing Non-Opioid Analgesics for Osteoarthritis: Clinician Guide 9
- Choosing Pain Medicine for Osteoarthritis: A Guide for Consumers 12
- Chronic Disease Management: Decisionmaker Brief 26
- Chronic Kidney Disease Stages 1-3: Screening, Monitoring, and Treatment 16
- Clinical Practice Guideline for Treating Tobacco Use and Dependence: 2008 Update 3
- Clinical Practice Guideline for Treating Tobacco Use and Dependence: 2008 Update, A 3
- Clinical Utility of Cancer Family History Collection in Primary Care 19
- Clostridium difficile* Infections: Diagnosis, Treatment, and Prevention: Clinician Research Summary 9
- CMS’s Hospital Acquired Condition Lists Link Hospital Payment, Patient Safety 33
- CMS’s Landmark Decision on CT Colonography: Examining the Relevant Data 27
- Colorectal Cancer Screening by Primary Care Physicians: Recommendations and Practices, 2006-2007 39
- Commercial Off-the-Shelf Consumer Health Informatics Interventions: Recommendations for Their Design, Evaluation, and Redesign 26
- Committee Report: Method for Evaluating Conditions Nominated for Population-Based Screening of Newborns and Children 1
- Common Formats Allow Uniform Collection and Reporting of Patient Safety Data by Patient Safety Organizations 5
- Community and Individual Race/Ethnicity and Home Health Care Use Among Elderly Persons in the United States 17
- Comparative Effectiveness and Safety of Radiotherapy Treatments for Head and Neck Cancer: Clinician Guide 9
- Comparative Effectiveness and Safety of Radiotherapy Treatments for Head and Neck Cancer: Policymaker Summary 14
- Comparative Effectiveness of Diagnosis and Treatment of Obstructive Sleep Apnea in Adults: Clinician Research Summary 9
- Comparative Effectiveness of Interventions for Rotator Cuff Tears in Adults: Clinician Guide 9
- Comparative Effectiveness of Therapies for Children with Autism Spectrum Disorders: Clinician Guide 10
- Comparative Effectiveness Research and Genomic Medicine: An Evolving Partnership for 21st Century Medicine 7
- Comparative Effectiveness Research—Implications of the Federal Coordinating Council’s Report 7
- Comparative Effectiveness Research Priorities at Federal Agencies: The View from the Department of Veterans Affairs, National Institute on Aging, and Agency for Healthcare Research and Quality 7
- Comparative Effectiveness Research: Promising Area of Study for Pharmacists 7
- Comparing Medications for Adults with Type 2 Diabetes: Clinician Guide 10
- Comparing Two Kinds of Blood Pressure Pills: ACEIs and ARBs. A Guide for Adults 12
- Complementary and Alternative Medicine in Back Pain Utilization Report 20
- Complementary and Alternative Therapies for Back Pain II 20
- Complexity, Bullying, and Stress: Analyzing and Mitigating a Challenging Work Environment for Nurses 41
- Computerized Provider Order Entry: Decisionmaker Brief 26
- Conducting Quantitative Synthesis When Comparing Medical Interventions: AHRQ and the Effective Health Care Program 8
- Connecting Those at Risk to Care: A Guide to Building a Community “HUB” to Promote a System of Collaboration, Accountability, and Improved Outcomes 27
- Connecting Those at Risk to Care: The Quick Start Guide to Developing Community Care Coordination Pathways 27
- Conoce las Preguntas (Know the Questions) 4
- Consensus-Based Recommendations for Research Priorities Related to Interventions to Safeguard Patient Safety in the Crowded Emergency Department 34
- Considerations for the Design of Safe and Effective Consumer Health IT Applications in the Home 26
- Consumer Financial Incentives: A Decision Guide for Purchasers 22
- Containing Costs and Improving Care for Children in Medicaid and CHIP 1
- Contemporary Costs of HIV Healthcare in the HAART Era 22
- Coordinating Care in the Medical Neighborhood: Critical Components and Available Mechanisms 39
- Core-Needle and Open Surgical Biopsy for the Diagnosis of Breast Lesions 15
- Core-Needle Biopsy for Breast Abnormalities: Clinician Guide 10
- Cost and Incidence of Prescribing Errors Among Privately Insured HIV Patients, The 34
- Cost Sharing in Medicaid and CHIP: How Does It Affect Out-of-Pocket Spending? 22
- Costly Hospital Readmissions and Complex Chronic Illness 22
- Costs and State-Specific Rates of Thoracic and Lumbar Vertebroplasty, 2001-2005 22
- Costs of Turnover in Nursing Homes, The 17
- Creating a Framework for Getting Quality into the Public Health System 42
- Current Guidelines Have Limited Applicability to Patients with Comorbid Conditions: A Systematic Analysis of Evidence-Based Guidelines 19
- Defining and Measuring Successful Emergency Care Networks: A Research Agenda 42
- Defining the Emergency Care Sensitive Condition: A Health Policy Research Agenda in Emergency Medicine 42
- Demographic Variability, Vaccination, and the Spatiotemporal Dynamics of Rotavirus Epidemics 1
- Depression After Brain Injury: A Guide for Patients and Their Caregivers 12
- Depression After Traumatic Brain Injury: Clinician Guide 10
- Depression Following a Traumatic Brain Injury: Policy Brief 14
- Deriving SF-12v2 Physical and Mental Health Summary Scores: A Comparison of Different Scoring Algorithms 29
- Designing and Implementing Medicaid Disease and Care Management Programs: A User’s Guide 42
- Determinants of Utilization and Expenditures for the Episodes of Ambulatory Physical Therapy Among Adults 22
- Developing Quality of Care Measures for People with Disabilities: Summary of Expert Meeting 42
- Diabetes Care Quality Improvement: A Resource Guide for State Action 42
- Diabetes Care Quality Improvement: A Workbook for States 42
- Diabetes Primary Prevention Initiative Interventions Focus Area: A Case Study and Recommendations, The 42

Title Index

Diagnosis and Management of Ductal Carcinoma in Situ	20	Effectiveness of Early Diagnosis, Prevention, and Treatment of <i>Clostridium difficile</i> Infection	16	Fecal DNA Testing in Screening for Colorectal Cancer in Average-Risk Adults	15
Diagnosis and Treatment of Erectile Dysfunction	20	Effectiveness of Self-Measured Blood Pressure Monitoring in Adults with Hypertension: Clinician Research Summary	10	Financing of Mental Health and Substance Abuse Services: Insurance, Managed Care, and Reimbursement, The	28
Diagnosis and Treatment of Obstructive Sleep Apnea in Adults	15	Effects of Antidepressant Treatment on Antiretroviral Regimen Adherence Among Depressed HIV-Infected Patients	32	Finding Order in Heterogeneity: Types of Quality Improvement Intervention Publications	43
Diagnostic Performance of Serum Cobalamin Tests: A Systematic Review and Meta-Analysis	32	Effects of Hospital Competition on Inpatient Quality of Care	42	Finding Your Way: What to Do Before You Leave the Hospital	4
Diffusion of New Technology and Payment Policies: Coronary Stents	27	Effects of Immigration on the Health Insurance Status of Natives	27	First- and Second-Generation Antipsychotics for Children and Young Adults	16
Disease-Modifying Antirheumatic Drugs (DMARDs) in Children with Juvenile Idiopathic Arthritis (JIA)	17	Elective Induction of Labor: Safety and Harms: Clinician Guide	10	Focusing the Research Enterprise on the Patient	8
Disparities in Antiretroviral Treatment: A Comparison of Behaviorally HIV-Infected Youth and Adults in the HIV Research Network	22	Electronic Preventive Services Selector (ePSS)	38	Formal Home Care Utilization Patterns by Rural-Urban Community Residence	18
Disparities in Infectious Disease Hospitalization for American Indian/Alaska Native People	30	Emergency Department Care in the United States: A Profile of National Data Sources	5	Fracture Prevention Treatments for Postmenopausal Women with Osteoporosis: Clinician Guide	10
DMARDs for Juvenile Idiopathic Arthritis: A Review of the Research for Parents and Caregivers	12	Emergency Severity Index, Version 4: Everything You Need To Know	42	From Research to Practice: Factors Affecting Implementation of Prospective Targeted Injury-Detection Systems	34
Do Adolescents with Emotional or Behavioral Problems Respond to Cigarette Prices?	1	Emergency Severity Index, Version 4: Implementation Handbook	42	Game-Theoretical Interpretation of Guaranteed Renewability in Health Insurance, A	28
Do Medicare Advantage Enrollees Tend to Be Admitted to Hospitals with Better or Worse Outcomes Compared with Fee-for-Service Enrollees?	27	Enabling Medication Management Through Health Information Technology	20	Gastroesophageal Reflux Disease (GERD)	12
Do Patient Safety Events Increase Readmissions?	34	Enhancing Board Oversight on Quality of Hospital Care: An Agency Theory Perspective	43	Geographic Variation: A View from the Hospital Sector	23
Do SCHIP Enrollees Stay Insured?	1	Enhancing Quality Oversight	43	Gestational Diabetes: A Guide for Pregnant Women	12
Do You Know the Right Questions to Ask?	4	Enhancing the Use and Quality of Colorectal Cancer Screening	20	Gestational Diabetes: Caring for Women During and After Pregnancy, Clinician Guide	10
DoD Medical Team Training Programs: An Independent Case Study Analysis	34	Epoetin and Darbepoetin for Managing Anemia in Patients Undergoing Cancer Treatment	15	Getting to Zero: New Resources Aim to Reduce Health Care-Associated Infections	43
Does Prescription Drug Adherence Reduce Hospitalizations and Costs? The Case of Diabetes	23	Establishing a Global Learning Community for Incident-Reporting Systems	34	GRADE: Assessing the Quality of Evidence for Diagnostic Recommendations	19
Does State Regulation of Quality Impose Costs on Nursing Homes?	18	Evidence on the Chronic Care Model in the New Millennium	39	GRADE Guidelines: 9. Rating Up the Quality of Evidence	5
Drug Therapy for Rheumatoid Arthritis and Psoriatic Arthritis in Adults	17	Evidence Review of Active Surveillance in Men with Localized Prostate Cancer, An. 20		Grading the Strength of a Body of Evidence when Comparing Medical Interventions—Agency for Healthcare Research and Quality and the Effective Health Care Program; AHRQ Series Paper 5	19
Dual Eligibles with Mental Disorders and Medicare Part B: How Are They Faring?	18	Examining Latino Differences in Mental Healthcare Use: The Roles of Acculturation and Attitudes Towards Healthcare	30	Guide for Developing a Community-Based Patient Safety Advisory Council	35
Economic Burden of Late Entry into Medical Care for Patients with HIV Infection	23	Exercise-Induced Bronchoconstriction and Asthma	20	Guide to Clinical Preventive Services 2010-2011, The	39
Effect of Certificate-of-Need Laws on Hospital Beds and Healthcare Expenditures: An Empirical Analysis, The	23	Explaining Racial and Ethnic Differences in Antidepressant Use Among Adolescents	1	Guiding Comparative Effectiveness Research—A U.S. Perspective	8
Effect of Tax Subsidies on High Health Care Expenditure Burdens in the United States, The	23	Explore Your Treatment Options	4	Having a Breast Biopsy: A Guide for Women and Their Families	12
Effectiveness and Safety of Antiepileptic Medications in Patients with Epilepsy	14	Facilitators and Barriers to the Implementation of Patient Flow Improvement Strategies	43	HCUPnet	22
		Families with Mixed Eligibility for Public Coverage: Navigating Medicaid, CHIP, and Uninsurance	28	Health Expenditure Estimation and Functional Form: Applications of the Generalized Gamma and Extended Estimating Equations Models	29
		Family History and Improving Health	20		
		Family History of Breast, Ovarian, Prostate, and Colorectal Cancers	20		

Title Index

- Health Information Technology: Turning the Patient-Centered Medical Home from Concept to Reality 39
- Health Insurance Enrollment Decisions: Preferences for Coverage, Worker Sorting, and Insurance Take-Up 28
- Health Insurance Status of Low-Wage Workers: The Role of Workplace Composition and Marital Status, The 28
- Health Literacy Impact on Patient-Provider Interactions Involving the Treatment of Dental Problems 43
- Health Literacy Interventions and Outcomes: An Updated Systematic Review 21
- Health Services Research Agenda for Cellular, Molecular, and Genomic Technologies in Cancer Care, A 29
- Healthcare Quality and Disparities: Attacking Problems at Their Root 43
- Healthy Men 4
- Help for Smokers and Other Tobacco Users, Consumer Guide 3
- Helping Smokers Quit, A Guide for Clinicians 3
- Hematopoietic Stem-Cell Transplantation in the Pediatric Population 17
- HER2 Testing to Manage Patients with Breast Cancer or Other Solid Tumors. 20
- High-Performance Work Systems in Health Care Management, Part 1: Development of an Evidence-Informed Model. 43
- High-Performance Work Systems in Health Care Management, Part 2: Qualitative Evidence from Five Case Studies. 43
- HIV-Related Medical Service Use by Rural/Urban Residents: A Multistate Perspective 23
- Hospital Quality, Efficiency, and Input Slack Differentials 44
- Hospital Survey on Patient Safety Culture. 35
- Hospital Survey on Patient Safety Culture: 2012 User Comparative Database Report 35
- Hospitalizations for Kawasaki Syndrome Among Children in the United States, 1997-2007. 1
- Human Factors of Home Health Care: A Conceptual Model for Examining Safety and Quality Concerns, The 35
- Human Growth Hormone for Children with Cystic Fibrosis: A Review of the Research for Parents and Caregivers 12
- Identification of Hospital-Acquired Catheter-Associated Urinary Tract Infections from Medicare Claims. 44
- Identifying and Using Good Practice Guidelines 19
- Identifying Children's Health Care Quality Measures for Medicaid and CHIP: An Evidence-Informed, Publicly Transparent Expert Process 2
- Immigrants and the Use of Preventive Care in the United States. 30
- Impact of Consumer Health Informatics Applications 20
- Impact of Increased Tax Subsidies on the Insurance Coverage of Self-Employed Families: Evidence from the 1996-2004 Medical Expenditure Panel Survey, The. 28
- Impact of Local Resources on Hospitalization Patterns of Medicare Beneficiaries and Propensity to Travel Outside Local Markets 18
- Impact of National Health Care Reform on Adults with Severe Mental Disorders, The 28
- Impact of Patient Race on Patient Experiences of Access and Communication in HIV Care. 30
- Impact of Primary Care Case Management (PCCM) Implementation on Medicaid and SCHIP 2
- Impact of Survey Design Modifications on Health Insurance Coverage Estimates in a National Longitudinal Health Care Survey, The 6
- Implications of the Accuracy of MEPS Prescription Drug Data for Health Services Research 6
- Importance of Recommendations for Gestational Weight Gain. 19
- Improving Efficiency and Value in Health Care: Introduction. 44
- Improving Patient Flow and Reducing Emergency Department Crowding: A Guide for Hospitals 44
- Incidence and Types of Non-Ideal Care Events in an Emergency Department 35
- Incidence of and Risk Factors for Bacteraemia in HIV-Infected Adults in the Era of Highly Active Antiretroviral Therapy 30
- Incorrect Surgical Procedures Within and Outside of the Operating Room: A Follow-Up Report 35
- Individual Insurance and Access to Care 28
- Industrial and Systems Engineering and Health Care: Critical Areas of Research, Final Report 26
- Inefficiency Differences Between Critical Access Hospitals and Prospectively Paid Rural Hospitals 23
- Infectious Disease Hospitalizations in the United States. 23
- Influence of Changes in Dental Care Coverage on Dental Care Utilization Among Retirees and Near-Retirees in the United States, 2004-2006, The 28
- Information Gap: Can Health Insurer Personal Health Records Meet Patients' and Physicians' Needs? 26
- Infrastructure to Monitor Utilization and Outcomes of Gene-Based Applications: An Assessment 8
- Inhaled Nitric Oxide in Preterm Infants. 21
- In-Hospital Use of Recombinant Factor VIIa for Off-Label Indications vs. Usual Care. 15
- Inpatient Health Services Utilization Among HIV-Infected Adult Patients in Care 2002-2007. 23
- Inpatient Quality Indicators 45
- Insulin Analogues in Premixed Formulations for Adults with Type 2 Diabetes 16
- Integration of Mental Health/Substance Abuse and Primary Care. 21
- Investing in Health Information Infrastructure: Can It Help Achieve Health Reform? 26
- Investing in Preventive Dental Care for the Medicare Population: A Preliminary Analysis. 23
- Is There Evidence of Cream Skimming Among Nursing Homes Following the Publication of the Nursing Home Compare Report Card?. 18
- Issues and Challenges in Conducting Systematic Reviews to Support Development of Nutrient Reference Values, Workshop Summary. 21
- Kidney-Related Diseases and Quality Improvement: AHRQ's Role. 44
- Kid's Inpatient Database. 23
- Lactose Intolerance and Health 21
- Leveraging Certified Nursing Assistant Documentation and Knowledge to Improve Clinical Decision Making: The On-Time Quality Improvement Program to Prevent Pressure Ulcers 44
- Lipid-Modifying Agents 15
- Logic Model Framework for Evaluation and Planning in a Primary Care Practice-Based Research Network, A 39
- Long-Term Followup After Diagnosis Resulting from Newborn Screening: Statement of the U.S. Secretary of Health and Human Services' Advisory Committee on Heritable Disorders and Genetic Diseases in Newborns and Children 2
- Management of Acute Otitis Media: Update. 20
- Management of Atherosclerotic Renal Artery Stenosis: Clinician Guide 10
- Management of Chronic Hepatitis B 20
- Management Strategies for Gastroesophageal Reflux Disease 16
- Management Strategies for Gastroesophageal Reflux Disease: An Update. 16

Title Index

- Management Strategies for Renal Artery Stenosis 15
- Management Strategies for Renal Artery Stenosis: 2007 Update 15
- Managing Chronic Gastroesophageal Reflux Disease: Clinician Research Summary. . . 10
- Managing Osteoarthritis Pain with Medicines: A Review of the Research for Adults 12
- Managing Pain from a Broken Hip: A Guide for Adults and Their Caregivers 12
- Maternal and Neonatal Outcomes of Elective Induction of Labor 21
- Measuring Hospital Inefficiency: The Effects of Controlling for Quality and Patient Burden of Illness. 44
- Measuring Patient-Centered Communication in Cancer Care: A Literature Review and the Development of a Systematic Approach. . 44
- Measuring Trends in Racial/Ethnic Health Care Disparities. 31
- Measuring Your Blood Pressure at Home: A Review of the Research for Adults. 12
- Medical Expenditure Panel Survey: A National Information Resource to Support Healthcare Cost Research and Inform Policy and Practice, The. 6
- Medical Office Survey on Patient Safety Culture. 35
- Medicare Managed Care and Primary Care Quality: Examining Racial/Ethnic Effects Across States. 31
- Medications to Reduce Risk of Primary Breast Cancer in Women 15
- Medications to Reduce the Risk of Primary Breast Cancer in Women: Clinician Guide. 10
- Medicines for Type 2 Diabetes: A Review of the Research for Adults. 12
- Men: Stay Healthy at Any Age. 38
- Men: Stay Healthy at 50+. 38
- Mental Health and Family Out-of-Pocket Expenditure Burdens. 24
- Mental Health Needs of Low-Income Children with Special Health Care Needs. 2
- MEPS: A Survey of Health Care Use and Spending 24
- MEPs Statistical Briefs. 5
- MEPSnet. 5
- Methicillin-Resistant *Staphylococcus aureus*-Associated Hospitalizations Among the American Indian and Alaska Native Population 31
- Methodological Considerations in Generating Provider Performance Scores for Use in Public Reporting: A Guide for Community Quality Collaboratives 44
- Mistake-Proofing the Design of Health Care Processes 35
- Modifying ICD-9-CM Coding of Secondary Diagnoses to Improve Risk-Adjustment of Inpatient Mortality Rates 6
- More Work Is Needed to Protect Medical Residents from Fatigue and Potential Errors, IOM Report Finds. 35
- National Agenda for Research in Collaborative Care: Papers from the Collaborative Care Research Network Research Development Conference, A. . . . 39
- National Estimates of Out-of-Pocket Health Care Expenditure Burdens Among Nonelderly Adults with Cancer: 2001 to 2008. 24
- National Healthcare Disparities Report, 2011. 43
- National Healthcare Quality Report, 2011. 43
- National Release of the Nursing Home Quality Report Cards: Implications of Statistical Methodology for Risk Adjustment 30
- Nationwide Inpatient Sample (NIS) Brochure 24
- Neurothrombectomy Devices for Treatment of Acute Ischemic Stroke 17
- New Estimates of the Demand for Physical and Mental Health Treatment 24
- New Patient Safety Culture Survey Helps Medical Offices Assess Awareness. 35
- New Patient Safety Organizations Can Help Providers Learn From and Reduce Patient Safety Events 35
- New Patient Safety Organizations Lower Roadblocks to Medical Error Reporting . 36
- New Research Highlights the Role of Patient Safety Culture and Safer Care 36
- Noncyclic Chronic Pelvic Pain Therapies for Women: Comparative Effectiveness. . . . 16
- Noninvasive Diagnostic Tests for Breast Abnormalities; Update of a 2006 Review 15
- Noninvasive Tests for Breast Abnormalities 15
- Nonoperative and Operative Treatments for Rotator Cuff Tears. 17
- Nonpharmacologic Interventions for Treatment-Resistant Depression in Adults 16
- Nontuberculous Mycobacteria-Associated Lung Disease in Hospitalized Persons, United States, 1998-2005 24
- Not About Us Without Us. 31
- Nursing Home Compare Measure of Urinary/Fecal Incontinence: Cross-Sectional Variation, Stability Over Time, and the Impact of Case Mix, The 18
- Nursing Home Survey on Patient Safety Culture. 36
- Observational Studies in Systemic Reviews of Comparative Effectiveness: AHRQ and the Effective Health Care Program. 8
- Off-Label Use of Atypical Antipsychotics 16
- Off-Label Use of Atypical Antipsychotics: An Update. 16
- Off-Label Use of Atypical Antipsychotic Drugs: A Summary for Clinicians and Policymakers 11
- On-Time Quality Improvement for Long-Term Care 18
- Oral Diabetes Medications for Adults with Type 2 Diabetes. 16
- Oral Diabetes Medications for Adults with Type 2 Diabetes: An Update. 16
- Osteoarthritis of the Knee: A Guide for Adults 13
- Osteoporosis Treatments that Help Prevent Broken Bones: A Guide for Women After Menopause 13
- Outcomes of Genetic Testing in Adults with a History of Venous Thromboembolism. . 20
- Overweight in Adolescents: Implications for Health Expenditures 24
- Pain Management Interventions for Elderly Patients with Hip Fracture: Clinician Guide. 11
- Pain Management Interventions for Hip Fracture 17
- Parental Marital Disruption, Family Type, and Transfers to Disabled Elderly Parents. 18
- Partial Truths in the Pursuit of Patient Safety 36
- Partially Identifying Treatment Effects with an Application to Covering the Uninsured 28
- Particle Beam Radiation Therapies for Cancer 17
- Particle Beam Radiation Therapies for Cancer: A Summary for Policymakers . . 14
- Patient Engagement in Health Care 30
- Patient Safety and Medical Liability Reform: Putting the Patient First 36
- Patient Safety and Quality: An Evidence-Based Handbook for Nurses. 36
- Patient Safety Improvement Corps: Tools, Methods, and Techniques for Improving Patient Safety 36
- Patient Safety Quality Indicators 45
- Patient Self-Management Support Programs: An Evaluation 39
- Patient-Centered Care Categorization of U.S. Health Care Expenditures. 24
- Patient-Centered Comparative Effectiveness Research: Essential for High-Quality Care. 8

Title Index

- Patient-Centered Medical Home
Cyberinfrastructure: Current and Future
Landscape 40
- Patient-Centered Medical Home: Strategies
to Put Patients at the Center of Primary Care,
The; Decisionmaker Brief. 40
- Patient-Centered Outcomes Research and
Nurse Practitioners' Role in Shared Decision
Making 8
- Pay for Performance: A Decision Guide for
Purchasers 44
- Payer Perspectives on Pharmacogenomics
Testing and Drug Development 28
- Paying Physicians by Capitation: Is the Past
Now Prologue? 24
- Payment Reform 29
- Pediatric Quality Indicators 45
- Percutaneous Coronary Interventions and
Coronary Artery Bypass Grafting for
Coronary Heart Disease 15
- Pharmacists Emerge as Key Stakeholders in
Quality, Patient Safety Efforts 36
- Physician Leadership for High-Quality
Care 45
- Planning the Safety of Atrial Fibrillation
Ablation Registry Initiative (SAFARI) as a
Collaborative Pan-Stakeholder Critical Path
Registry Model: A Cardiac Safety Research
Consortium "Incubator" Think Tank 32
- Poor People, Poor Places and Access to
Health Care in the United States 29
- Population Mobility, Globalization, and
Antimicrobial Drug Resistance 45
- Potentially Preventable Hospitalizations—
United States, 2004-2007 40
- Precision Science and Patient-Centered
Care 40
- Premium Growth and Its Effect on
Employer-Sponsored Insurance 29
- Premixed Insulin Analogues: Clinician
Guide 11
- Premixed Insulin for Type 2 Diabetes: A
Guide for Adults 13
- Pressure Ulcer Prevention in Long-Term-
Care Facilities: A Pilot Study Implementing
Standardized Nurse Aide Documentation and
Feedback Reports 18
- Prevalence, Severity, and Treatment of
Community-Acquired Methicillin-Resistant
Staphylococcus aureus (CA-MRSA) Skin
and Soft Tissue Infections in 10 Medical
Clinics in Texas: A South Texas Ambulatory
Research Network (STARNet) Study 40
- Preventing Alzheimer's Disease and
Cognitive Decline 21
- Preventing Healthcare-Associated Infections:
Initiating Promising Solutions and
Expanding Proven Ones 45
- Preventing Hospital-Acquired Venous
Thromboembolism: A Guide for Effective
Quality Improvement 45
- Prevention Quality Indicators 45
- Primary Care: Too Important to Fail. 40
- Problems and Prevention: Chest Tube
Insertion 36
- Profile of Inpatient Operating Room
Procedures in U.S. Hospitals in 2007 24
- Promise and Future of Comparative
Effectiveness Research, The 8
- Prostate Cancer Intervention Versus
Observation Trial: VA/NCI/AHRQ
Cooperative Studies Program #407 (PIVOT):
Design and Baseline Results of a
Randomized Controlled Trial Comparing
Radical Prostatectomy to Watchful Waiting
for Men with Clinically Localized Prostate
Cancer, The 32
- Public Role in Promoting Child Health
Information Technology, The 26
- Publication of Quality Report Cards and
Trends in Reported Quality Measures in
Nursing Homes 18
- Quality and Disparities Reports: Why Is
Progress So Slow? The 45
- Quality in the OR: The New AHRQ
Reports 45
- Quality Indicators Toolkit for Hospitals 45
- Questions Are the Answer, DVD 4
- Questions Are the Answer, Notepads 4
- Quick-Reference Guide for Clinicians:
Treating Tobacco Use and Dependence 3
- Quitting Helps You Heal Faster, Hospital
Card. 3
- Quitting Smoking—You Can Do It 4
- Race and Ethnicity Reporting in Statewide
Hospital Data: Progress and Future
Challenges in a Key Resource for Local and
State Monitoring of Health Disparities. 6
- Racial Disparities in Diarrhea-Associated
Hospitalizations Among Children in Five
U.S. States, Before and After Introduction of
Rotavirus Vaccine 2
- Racial Disparities in the Frequency of
Patient Safety Events: Results from the
National Medicare Patient Safety Monitoring
System. 36
- Racial/Ethnic and Gender Differences in
Individual Workplace Injury Risk
Trajectories: 1988-1998 31
- Racial/Ethnic Differences in the Incidence of
Kawasaki Syndrome Among Children in
Hawaii 2
- Radiofrequency Ablation for Atrial
Fibrillation: A Guide for Adults 13
- Radiofrequency Ablation for Atrial
Fibrillation: Clinician Guide. 11
- Radiofrequency Catheter Ablation for Atrial
Fibrillation. 15
- Radiotherapy Treatments for Head and
Neck Cancer 15
- Re: The Agency for Healthcare Research and
Quality (AHRQ) Practice-Based Research
Network (PBRN) Relationship: Delivering
on an Opportunity, Challenges, and Future
Directions 40
- Recent Improvements in Bariatric Surgery
Outcomes 32
- Recombinant Human Growth Hormone
(rhGH) in the Treatment of Patients with
Cystic Fibrosis 15
- Reconsidering the Approach to Prevention
Recommendations for Older Adults 38
- Redesigning Care Processes Using an
Electronic Health Record: A System's
Experience. 26
- Reducing Central Line-Related Bloodstream
Infections. 45
- Reducing Disparities in Health Care Quality:
The Role of Health IT in Underresourced
Settings 26
- Reducing Health Care Hazards: Lessons
from the Commercial Aviation Safety
Team 37
- Reducing the Risk of Breast Cancer with
Medicine: A Guide for Women. 13
- Reduction in Acute Gastroenteritis
Hospitalizations Among U.S. Children After
Introduction of Rotavirus Vaccine: Analysis
of Hospital Discharge Data from 18 U.S.
States. 2
- Re-Engineered Hospital Discharge Process
Lowers Readmissions, Reduces Costs 24
- Reengineering Hospital Discharge: A
Protocol to Improve Patient Safety, Reduce
Costs, and Boost Patient Satisfaction 37
- Registries for Evaluating Patient Outcomes:
A User's Guide, Second Edition. 8
- Relationship Between Living Arrangement
and Preventive Care Use Among
Community-Dwelling Elderly Persons,
The 19
- Renal Artery Stenosis Treatments: A Guide
for Consumers. 13
- Reporting of Systematic Reviews of
Micronutrients and Health: A Critical
Appraisal. 21
- Resource Guide to AHRQ Child and Youth
Health and Health Care Services Data 6
- Rheumatoid Arthritis Medicines: A Guide
for Adults 13
- Roundtable on Expanding Capacity for
Comparative Effectiveness Research in the
United States. 8
- Safety of Probiotics to Reduce Risk and
Prevent or Treat Disease 20
- Science of Safety Improvement: Learning
While Doing, The 37
- Screening and Treatment of Subclinical
Hypothyroidism or Hyperthyroidism 16
- Screening for Colorectal Cancer. 38

Title Index

Screening for Prostate Cancer with PSA Testing: Current Status and Future Directions	38	Survey of Health Care Use and Spending, A	25	Treating Cholesterol with Combination Therapy: Clinician Guide	11
Screening of Infants for Hyperbilirubinemia to Prevent Chronic Bilirubin Encephalopathy	38	Taking Care of Myself: A Guide for When I Leave the Hospital	4	Treating High Cholesterol: A Guide for Adults	13
Second-Generation Antidepressants in the Pharmacologic Treatment of Adult Depression	16	Tax-Exempt Hospitals and Community Benefits: A Review of State Reporting Requirements	25	Treating Prostate Cancer: A Guide for Men with Localized Prostate Cancer	14
Second-Generation Antidepressants in the Pharmacologic Treatment of Adult Depression: An Update of the 2007 Comparative Effectiveness Review	17	TeamSTEPS Guide to Action	34	Treating Sleep Apnea: A Review of the Research for Adults	14
Selecting Quality and Resource Use Measures: A Decision Guide for Community Quality Collaboratives	45	TeamSTEPS Instructor Guide	34	Treatment of Common Hip Fractures	21
Self-Measured Blood Pressure Monitoring: Comparative Effectiveness	16	Team STEPPS Multimedia Resource Kit	34	Treatment of Overactive Bladder in Women	21
Self-Rated Mental Health and Racial/Ethnic Disparities in Mental Health Service Use	31	Team STEPPS Pocket Guide	34	Treatment Options for GERD or Acid Reflux Disease: A Review of the Research for Adults	14
Self-Reported Delays in Receipt of Health Care Among Women with Diabetes and Cardiovascular Conditions	46	TeamSTEPPS Poster	34	Treatment Options for Rotator Cuff Tears: A Guide for Adults	14
Sensitivity of Household Reported Medical Conditions in the Medical Expenditure Panel Survey	30	TeamSTEPPS Rapid Response System Module, CD	34	Treatments for Clinically Localized Prostate Cancer: Clinician Guide	11
Stage 2 Pressure Ulcer Healing in Nursing Homes	19	Telehealth: Decisionmaker Brief	26	Treatments to Prevent Fractures in Men and Women with Low Bone Density or Osteoporosis	17
Starting the Conversation	8	Ten Years After To Err Is Human	37	Trends and Burden of Bronchiectasis-Associated Hospitalizations in the United States, 1993-2006	25
State Ambulatory Surgery Databases (SASD) Brochure	25	Terbutaline Pump for the Prevention of Preterm Birth	17	Tribute to Dr. David Lanier, A	40
State- and Payer-Specific Estimates of Annual Medical Expenditures Attributable to Obesity	25	Testing the Association Between Patient Safety Indicators and Hospital Structural Characteristics in VA and Nonfederal Hospitals	37	Triggers and Targeted Injury Detection Systems (TIDS) Expert Panel Meeting: Conference Summary	37
State Emergency Department Databases (SEDD) Brochure	25	Therapies for Children with Autism Spectrum Disorders	16	Twenty Tips to Help Prevent Medical Errors	5
State Inpatient Databases (SID) Brochure	25	Therapies for Children with Autism Spectrum Disorders: A Review of the Research for Parents and Caregivers	13	Understanding Radiotherapy for Head and Neck Cancer: A Guide for Adults and Their Caregivers	14
State Regulatory Enforcement and Nursing Home Termination from the Medicare and Medicaid Programs	19	Therapies for Clinically Localized Prostate Cancer	15	Unhealthy and Uninsured: Exploring Racial Differences in Health and Health Insurance Coverage Using a Life Table Approach	29
State Snapshots	41	Thinking About Having Your Labor Induced? A Guide for Pregnant Women	13	Updated U.S. Population Standard for the Veterans RAND 12-Item Health Survey (VR-12)	30
State Variations in the Out-of-Pocket Spending Burden for Outpatient Mental Health Treatment	25	Three Treatments for Osteoarthritis of the Knee: Evidence Shows Lack of Benefit: Clinician Guide	11	Use of Recombinant Human Growth Hormone for Pediatric Patients with Cystic Fibrosis: Clinician Guide	11
Staying Active and Healthy with Blood Thinners	4	Tools to Alleviate Safety Concerns	37	Using Information on Clinical Conditions to Predict High-Cost Patients	25
Stimulant Medication Use in Children: A 12-Year Perspective	2	Toward Optimal Health: Maternal Benefits of Breastfeeding	46	Using Proxy Measures and Other Correlates of Survey Outcomes to Adjust for Non-Response: Examples from Multiple Surveys	30
Strategies to Ensure HITECH Supports the Patient-Centered Medical Home; Decisionmaker Brief	40	Towards a Safer Healthcare System	37	Using the Evidence: PCMH and Patient-Centered Outcomes Research	40
Stress of the Care Environment, The	45	Transformation of Health Care at the Front Line	32	Utility of Prediction Models to Oversample the Long-Term Uninsured, The	29
Supplementing Iron and Zinc: Double Blind, Randomized Evaluation of Separate or Combined Delivery	2	Transforming Children's Health Care Quality and Outcomes—A Not-So-Random Non-Linear Walk Across the Translational Continuum	2	Utilization and Clinical Data on In-Hospital Off-Label Uses of Recombinant Factor VIIa: Clinician Guide	11
Surgical and Nonsurgical Treatment of Rotator Cuff Tears: Policymaker Summary	14	Transforming Healthcare: A Safety Imperative	37	VA Pharmacy Users: How They Differ from Other Veterans	25
		Transforming Hospitals: Designing for Safety and Quality	37	Vaginal Birth After Cesarean: New Insights	21
		Transition of Care for Acute Stroke and Myocardial Infarction Patients: From Hospitalization to Rehabilitation, Recovery, and Secondary Prevention	20		
		Translating Frontiers into Practice: Taking the Next Steps Toward Improving Hospital Efficiency	6		
		Traumatic Brain Injury and Depression	17		
		Treating and Preventing C-diff Infections: A Review of the Research for Adults and Their Caregivers	13		

Title Index

Validating Household Reports of Health Care Use in the Medical Expenditure Panel Survey	6	What You Need to Know About Episiotomy	5	You Can Quit Smoking: Support and Advice from Your Clinician, Tearsheet Pad.	3
Value-Based Insurance Design in Medicare	29	Will It Work Here? A Decisionmakers Guide to Adopting Innovations	19	You Can Quit Smoking: Support and Advice from Your Prenatal Care Provider, Tearsheet Pad.	3
Vitamin D and Calcium: A Systematic Review of Health Outcomes.	20	Within-Year Concentration of Medical Care: Implications for Family Out-of-Pocket Expenditures Burdens, The.	25	Your Guide to Preventing and Treating Blood Clots	5
Wealth, Income, and the Affordability of Health Insurance	29	Women at Risk for Diabetes: Access and Quality of Health Care, 2003-2006	46	Your Medicine: Be Smart. Be Safe.	5
Welcome to the Effective Health Care Program.	8	Women: Stay Healthy at Any Age	38	Youth Motorcycle-Related Brain Injury by State Helmet Law Type: United States, 2005-2007	3
What Has Been Learned About Expanding Children's Health Insurance? Highlights from CHIRI.	3	Women: Stay Healthy at 50+	38	Youth Motorcycle-Related Hospitalizations in the United States in 2006	3
What Have We Learned from the Application of Stochastic Frontier Analysis to U.S. Hospitals?	30	Women with Diabetes: Quality of Health Care, 2004-2005	46		
		Women with Diagnosed Diabetes Across the Life Stages: Underuse of Recommended Preventive Care Services	46		
		You Can Quit Smoking, Pocket Card	3		

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