

CLINICAL EXAM FOR STD/STI'S HIV/HEP C

White Earth Health Center
Karen K Coleman LPN
Infection Preventionist

- ◉ Welcome
- ◉ EHR Documentation
- ◉ Not a right way or a wrong way.
- ◉ Trial and error
- ◉ Do what works for you and your team
- ◉ Slides 1-10 basic step to exam
- ◉ Slide 11 gets us started on screening for HIV

START WITH THE VITALS C C TAB

RPMS EHR KELLERHUIS-COLEMAN, KAREN White Earth Health Center

User Patient Tools Help Community Alerts Clear Patient Clear and Lock Imaging

PRIVACY PATIENT CHART RPMS RESOURCES iCare Suicide Form Quick Notes

Zzzdemo, Patientj 04-Jun-1982 (29) F OSHKIGIN 2-MARTINEZ, ALYSSA 01-Dec-2011 09:40 Other, Doctor
 17 Ambulatory

PwH Med Rec Visit Summary (Brief) Pharm Ed Postings WA * Problem List Advs React Medications
 Nds Rvw'd Nds Rvw'd Nds Rvw'd

NOTIFICATIONS OVERVIEW **VITALS/CC** WELLNESS IMMUNIZATIONS WELL CHILD MEDS LABS REPORTS CONSULTS ORDERS POV SUPERBILL NOTES

Chief Complaint Add Edit Delete

Author: KELLERHUIS-COLEMAN, KAREN
 Chief Complaint: here with concerns of vaginal discharge for 3 days.
 1.) Patient and staff reviewed patient allergies, reviewed medication list, discussed immunizations due, reviewed and updated LMP....KKColemanLPN

Vital Measurement Entry				Vitals Display - Click on VS to graph		
Default Units	26-Mar-2012 09:42	Range	Units	Vital	Value	Date
Weight	130.31		lb	PHQ2	0	26-May-2011 12:03
Height	66.5		in	O2	100 %	26-May-2011 12:03
Head Circumference			in	ASFD	9	26-May-2011 12:03
Temperature	98.2		F	ADM	1	26-May-2011 12:03
Pulse	72	60 - 100	/min	WT	130.31 lb (59.1...	26-Mar-2012 09:42
Respirations	16		/min	HT	66.5 in (168.91...	26-Mar-2012 09:42
Blood Pressure	120/78	90 - 150	mmHg	BMI	20.72	26-Mar-2012 09:42
Pain	5			TMP	98.2 F (36.78 C)	26-Mar-2012 09:42
PHQ2				PU	72 /min	26-Mar-2012 09:42
Crafft				RS	16 /min	26-Mar-2012 09:42
O2 Saturation			%	BP	120/78 mmHg	26-Mar-2012 09:42
Peak Flow				PA	5	26-Mar-2012 09:42
Best Peak Flow						
Fev1/FVC						
Asthma Symptom Free Days						

New Date/Time Update Reset

KELLERHUIS-COLEMAN, KAREN WH-EARTH-HC.BEM.IHS.GOV WHITE EARTH HEALTH CENTER 26-Mar-2012 09:57

ENTER THE CHIEF COMPLAINT

- ◉ Intake nursing staff documents vital signs, review current medications that are listed on their wellness hand out aka the “WHO”, immunizations, and LMP's on all females ages 12-49.
- ◉ User friendly quick picks are available when entering chief complaints by clicking on the “Patient Request,”

PATIENT REQUEST

Chief Complaint

declined fluoride treatment
discussed BE/mammo due
discussed colon screen due
discussed dental visit due
discussed DM eye exam due
discussed DM foot exam due
discussed immunizations due
discussed lab/fasting lab due
discussed pap/pelvic due
failed M-CHAT autism screen
peak flow calculations @

positive alcohol screen
positive CRAFFT screen
positive depression screen
positive DV screen
reviewed and updated LMP
reviewed medication list
reviewed patient allergies
reviewed wellness handout

Symptom
 Diagnosis
 Patient Request

Vital Measurement Entry

Default Units

Weight	
Height	
Head Circumference	
Temperature	
Pulse	80
Respirations	
Blood Pressure	90
Pain	
PHQ2	
Craft	
O2 Saturation	
Peak Flow	
Best Peak Flow	
Fev1/FVC	
Asthma Symptom Free Days	

PA	0	26-Oct-2011 08:23
O2	99 %	26-Oct-2011 08:23
PHQ2	0	09-Nov-2011 11:16
PF	250	09-Apr-2012 11:22
BPF	400	09-Apr-2012 11:22

KELLERHUIS-COLEMAN, KAREN WH-EARTH-HC, BEM. IHS.GOV WHITE EARTH HEALTH CENTER 27-Apr-2012 13:28

ALARM CLOCK REMINDERS

WELLNESS DUE

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PRIVACY PATIENT CHART RPMS RESOURCES Case Update Form Quick Notes

Zzzdemo.Patientb 12 06-May-1978 (33) F WHITE EARTH 25-Apr-2012 13:42 Other.Doctor
KELLERHUIS-COLEMAN, KAREN Ambulatory

PWH Med Rec Visit Summary (Brief) Pharm Ed

NOTIFICATIONS OVERVIEW VITALS WELLNESS IMMUNIZATIONS WELL CHILD

Health Factors

Visit Date	Health Factor	Category	Comment
04/14/2011	Current Smoker, Status Unknown	Tobacco	Cigarettes 6/day
01/27/2011	Current Smoker, Status Unknown	Tobacco	
08/16/2010	Current Smoker, Status Unknown	Tobacco	
02/16/2012	Previous (former) Smoker	Tobacco	
11/09/2011	Smoker In Home	Tobacco	
04/14/2011	Smoker In Home	Tobacco	
11/09/2011	Smoke Free Home	Tobacco	
04/14/2011	Cessation-smoker	Tobacco	
11/09/2011	Cage 0/4	Alcohol/drug	
06/27/2011	Cage 0/4	Alcohol/drug	
09/02/2011	Cage 1/4	Alcohol/drug	
07/12/2011	Cage 1/4	Alcohol/drug	
01/27/2011	Cage 1/4	Alcohol/drug	

Available Reminders

Available Reminders	Due Date	Last Occure...	Pri...
Activity Level Screen	DUE NOW		
LMP-Please record	DUE NOW		
Pap Smear	DUE NOW		
HIV Screening	DUE NOW		
Dental Visit	01/17/2012	01/17/2011	
Asthma Pneumovax	DUE NOW		
Hep A Imm for Hep C pt	DUE NOW		
Hep B imm for Hep C pt	DUE NOW		
Applicable			
Other Categories			

01/27/2011 DEPRESSION SCREENING NORMAL/NEGATIVE
01/17/2011 DENTAL EXAM
08/16/2010 INTIMATE PARTNER VINI FNCF NORMAL/NEGATIVE

Personal Health

Refusal

Visit Date	Education Topic	Comprehension
01/24/2012	Medications-Medication Dispensation To Proxy	GOOD
01/19/2012	Eye Conditions-Screening	GOOD
11/09/2011	Alcohol And Other Drugs-Cultural/spiritual Aspects Of Health	GOOD
11/09/2011	Cd-Disease Process 2006	GOOD
11/09/2011	Cd-Complications 2006	GOOD
09/14/2011	Other Screen Breast Exam-Nutrition	GOOD
09/14/2011	Routine Gyn Examination-Complications	GOOD
09/02/2011	Tobacco Use-Complications	GOOD
09/02/2011	Tobacco Use-Quit	GOOD
07/07/2011	Sexually Transmitted Infections-Prevention	GROUP-NO ASSESS
07/07/2011	Sexually Transmitted Infections-Stress Management	GROUP-NO ASSESS
06/27/2011	Tobacco Use-Quit	GOOD

10/26/2011: WT (Measurements): Comment=Has a cast on
03/10/2008: HYDROCOD/APAP 5/500 TAB (Medication/drug): Comment=Pt does not want to take addictive medications.

KELLERHUIS-COLEMAN, KAREN WH-EARTH-HC.BEM.IHS.GOV WHITE EARTH HEALTH CENTER 27-Apr-2012 14:15

start RPMS EHR Inbox - Microsoft Out... Microsoft PowerPoint ... 2:15 PM

ALARM CLOCK

HEALTH FACTORS / WELLNESS

- ◉ Intake nursing staff to address issues listed in the alarm clock.
- ◉ If more than 2-3 it is helpful to use the “Health Assessment” Progress Note. It will show all screenings. All can be address at the visit or just a few that are due now.
- ◉ Areas are available for comments and scores.
- ◉ Using this note will also trigger “Education” and GPRA credit is then applied for all entries.

A COMPLETED HEALTH ASSESSMENT

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User Patient Tools Help Community Alerts Clear Patient Clear and Lock Imaging

PRIVACY PATIENT CHART RPMS RESOURCES iCare Suicide Form Quick Notes

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NOTIFICATIONS OVERVIEW VITALS/CC WELLNESS IMMUNIZATIONS WELL CHILD MEDS LABS REPORTS CONSULTS ORDERS POV SUPERBILL NOTES

Health Factors

Visit Date	Health Factor	Category	Comment
10/05/2009	Non-tobacco User	Tobacco	
12/01/2011	Smoker In Home	Tobacco	
12/01/2011	Cage 2/4	Alcohol/drug	
10/05/2009	Talk	Learning	
04/17/2008	Read	Learning	
12/01/2011	Do/practice	Learning	
12/01/2011	No Barriers	Barriers To	
10/05/2009	Visually Impaired	Barriers To	
12/01/2011	Some Activity	Activity	
12/01/2011	Current Smoker, Every Day	Tobacco	not ready to quit
10/05/2009	Never Smoked	Tobacco	
10/05/2009	Never Used Smokeless Tobacco	Tobacco	

Exams

Visit Date	Exams	Result	Comments
12/01/2011	ALCOHOL SCREENING	POSITIVE	
12/01/2011	DEPRESSION SCREENING	PRESENT	has been taking antidepres
10/05/2009	INTIMATE PARTNER VIOLENCE	NORMAL/NEGATIVE	
10/05/2009	ALCOHOL SCREENING	NORMAL/NEGATIVE	
10/05/2009	DEPRESSION SCREENING	NORMAL/NEGATIVE	
04/17/2008	DEPRESSION SCREENING	POSITIVE	on meds for

Personal Health Reproductive History Infant Feeding Education

Personal Health

To add, select a form... Add Edit Delete

Refusal 04/30/2007: TETANUS TOXOID (Immunization)

Visit Date	Education Topic	Comprehension
02/23/2012	Human Immunodeficiency Virus-Follow-Up	GOOD
02/23/2012	Human Immunodeficiency Virus-Prevention	GOOD
12/01/2011	Alcohol And Other Drugs-Information & Referral	GOOD
12/01/2011	Domestic Violence-Prevention	GOOD
12/01/2011	Domestic Violence-Stress Management	GOOD
12/01/2011	Cd-Lifestyle Adaptations 2006	GOOD
12/01/2011	Cd-Follow-Up 2006	GOOD
12/01/2011	Tobacco Use-Quit	GOOD
11/03/2011	Immunizations-Information	GOOD
11/03/2011	Immunizations-Literature	GOOD
07/07/2011	Sexually Transmitted Infections-Stress Management	GROUP-NO ASSESSMENT
02/03/2010	Acne-Hygiene	GOOD

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ALARM CLOCK HIV REMINDER

- Offer HIV screening.
- Some place do OPT-OUT screenings which has increased testing rates.
- OPT-OUT is routine screening for DM, Lipids, HgbA1C and etc...**that would include HIV**, for it is consider part of the routine screening process.

ALARM CLOCK REFUSALS

- Nursing intake staff will need to document all refusals.

DOCUMENTING ALARM CLOCK REFUSALS

RPMS EHR KELLERHUIS-COLEMAN, KAREN White Earth Health Center

User: Patient Tools Help Community Alerts Clear Patient Clear and Load Imaging

PRIVACY PATIENT CHART RPMS RESOURCES Case Scribe Form Quick Notes

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01/27/2011	Current Smoker, Status Unknown	Tobacco	
08/16/2010	Current Smoker, Status Unknown	Tobacco	
02/16/2012	Previous (former) Smoker	Tobacco	
11/09/2011	Smoker In Home	Tobacco	
04/14/2011	Smoker In Home	Tobacco	
11/09/2011	Smoke Free Home	Tobacco	
04/14/2011	Cessation-smoker	Tobacco	
11/09/2011	Case 0/4	Alcohol/drug	
06/27/2011	Case 0/4	Alcohol/drug	
09/02/2011	Case 1/4	Alcohol/drug	
07/12/2011	Case 1/4	Alcohol/drug	
01/27/2011	Case 1/4	Alcohol/drug	

Exams

Visit Date	Exams	Result	Comments
11/09/2011	ALCOHOL SCREENING		
11/09/2011	DEPRESSION SCREENING	NORMAL/NEGATIVE	
07/12/2011	ALCOHOL SCREENING	POSITIVE	
07/06/2011	INTIMATE PARTNER VIOLENCE	PAST	
07/06/2011	ALCOHOL SCREENING	NORMAL/NEGATIVE	need specific issues with violence
07/06/2011	DEPRESSION SCREENING	NORMAL/NEGATIVE	
06/27/2011	INTIMATE PARTNER VIOLENCE	NORMAL/NEGATIVE	
06/27/2011	DEPRESSION SCREENING	POSITIVE	
01/27/2011	DEPRESSION SCREENING	NORMAL/NEGATIVE	
01/27/2011	DEPRESSION SCREENING	NORMAL/NEGATIVE	
01/17/2011	DENTAL EXAM		
08/16/2010	INTIMATE PARTNER VIOLENCE	NORMAL/NEGATIVE	

Personal Health

Refusal

Refusal 10/26/2011: WT (Measurements); Comment=Has a cast on 03/10/2008: HYDROCOD/ APAP 5/500 TAB (Medication/drug); Comment=does not want to take addictive medications.

Enter Refusal

Refusal Type

- EKG
- Exam
- Immunization
- Lab
- Mammogram
- Measurement
- Medication/Drug
- PAP Smear
- Radiology Exam
- Skin Test

Refusal Item

Date Refused 04/27/2012

Comment

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start RPMS EHR Inbox - Microsoft Out... Microsoft PowerPoint ... 2:21 PM

WEHC HIV SCREENING

- WEHC HIV screening is done “OPT-IN”
Patients give verbal consent for screening.
- WEHC Medical Providers and Nursing attended HIV training, which talked about OPT-OUT -vs- OPT-IN
- OPT-IN was preferred choice.
- OPT-IN, patients give verbal consent

DOCUMENT EDUCATION

RPMS EHR KELLERHUIS-COLEMAN, KAREN White Earth Health Center

User Patient Tools Help Community Alerts Clear Patient Clear and Lock Imaging

PRIVACY PATIENT CHART RPMS RESOURCES

Zzzdemo, Patient 17 04-Jun-1982 (29) F Visit not selected KELLERHUIS-COLEMAN, KAREN Other Doctor

PWH Med Rec Visit Summary (Brief) Pharm Ed Postings WA Problem List Advs React Medications

NOTIFICATIONS OVERVIEW VITALS/VC WELLNESS IMMUNIZATIONS WELL CHILD MEDS LAB REPORTS CONSULTS ORDER POV SUPERBILL NOTES

Health Factors

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12/01/2011	Cage 2/4	Alcohol/drug	
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12/01/2011	No Barriers	Barriers To	
10/05/2009	Visually Impaired	Barriers To	
12/01/2011	Some Activity	Activity	
12/01/2011	Current Smoker, Every Day	Tobacco	not ready to quit
10/05/2009	Never Smoked	Tobacco	
10/05/2009	Never Used Smokeless Tobacco	Tobacco	

Exams

Visit Date	Exams	Result	Comments
12/01/2011	ALCOHOL SCREENING	POSITIVE	
12/01/2011	DEPRESSION SCREENING	PRESENT	has been taking antidepress
10/05/2009	INTIMATE PARTNER VIOLENCE	NORMAL/NEGATIVE	
10/05/2009	ALCOHOL SCREENING	NORMAL/NEGATIVE	
10/05/2009	DEPRESSION SCREENING	NORMAL/NEGATIVE	
04/17/2008	DEPRESSION SCREENING	POSITIVE	on meds for

Reproductive Factors

Last Menstrual Period: 09/01/2009
 Family Planning Method: OTHER Date Begun: 04/30/2006

Total # of Pregnancies: 2 Spontaneous Abortions (Miscarriage): 0
 Full Term: 2 Induced Abortions: 0
 Premature: Multiple Births: Ectopic:
 Living Children: 2

Education

Visit Date	Education Topic	Comprehension
04/02/2012	Human Immunodeficiency Virus-Prevention	GOOD
02/23/2012	Human Immunodeficiency Virus-Follow-Up	GOOD
02/23/2012	Human Immunodeficiency Virus-Prevention	GOOD
12/01/2011	Alcohol And Other Drugs-Information & Referral	GOOD
12/01/2011	Domestic Violence-Prevention	GOOD
12/01/2011	Domestic Violence-Stress Management	GOOD
12/01/2011	Cd-Lifestyle Adaptations 2006	GOOD
12/01/2011	Cd-Follow-Up 2006	GOOD
12/01/2011	Tobacco Use-Quit	GOOD
11/03/2011	Immunizations-Information	GOOD
11/03/2011	Immunizations-Literature	GOOD
07/07/2011	Sexually Transmitted Infections-Stress Management	GROUP-NO ASSESSMENT

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EDUCATION DOCUMENTATION

- Under: Human Immunodeficiency Virus:
Prevention: Should use condoms for protection at all times but at least until results confirmed
Test: What does SCREENING testing mean.
Follow-Up: If screening is (+) will need confirmatory labs and referral. Will need other labs for STI/Hepatitis'

STD'S / STI'S SCREENING & 3 MONTH FOLLOW-UP

- ◉ When “risky” or “high” risk behaviors are noted the provider will do/order screenings that are appropriate for what is being revealed.
- ◉ When (+) screening comes, patient is treated immediately and ask to come back for follow up labs &/or exam to make sure infection is clear in 3 months.
- ◉ Notification is sent to provider team care manager, and co-infection control officer from the Lab co-infection control officer that a 3 month recheck will be needed.

NOTIFICATIONS

The screenshot displays the RPMS EHR interface for a patient named Zzzdemo, Patientb (DOB: 06-May-1978, F). The patient's name is highlighted in yellow, indicating a 'Visit not selected' for KELLERHUIS-COLEMAN, KAREN. The interface includes various tabs such as PRIVACY, PATIENT CHART, RPMS, RESOURCES, iCare, and Subside Form. A 'Notification Scheduling' dialog box is open, allowing the user to schedule a notification for the patient. The dialog box includes a 'Schedule' tab, a 'Patient' field (Zzzdemo, Patientb), and a 'Message' field. A checkbox labeled 'Associate with Zzzdemo, Patientb' is checked. The 'Deliver on' field is empty, and the 'Priority' is set to 'Low'. A 'Select Date/Time' dialog box is also open, showing a calendar for September 27, 2012, and a time selection dropdown menu. The time selection dropdown menu is currently set to 6:00. The 'Select Date/Time' dialog box also includes 'Today', 'Now', and 'Midnight' buttons. The main interface shows a table for 'Notifications for All Patients' with columns for 'Location', 'Notification', 'Delivered', and 'Sent/Forwar...'. A legend on the right side of the interface defines the priority levels: Low (green), Medium (yellow), and High (red). The 'Process' section on the right includes buttons for 'All', 'Selected', 'Info Only', 'Forward', 'Delete', and 'Show All'. The bottom of the interface shows the patient's name, location (WH-EARTH-HC, BEM. IHS. GOV), and the date and time (27-Apr-2012 16:02). The Windows taskbar at the bottom shows the start button, RPMS EHR, and other open applications like Microsoft Outlook and Microsoft PowerPoint.

NOTIFICATION TAB

- With the patient name in patient box, go to the notification tab.
- Right click any where on the blank screen.
- Notification Scheduling will appear.
- Click on "add"
- Click on Deliver on: 3 months from tx date.
Priority=High
Subject="recheck labs"
Recipients= Team Care Manager, Provider, IC
Message= "recheck"
- Then close

PROBLEMS NOTED

- ◉ New recommendations for no paps even if sexually active until age 21, unless symptomatic.
- ◉ Doing more urine GC/Chlamydia less swabs.
- ◉ Need of possible new policy/procedure to address clients not getting routine paps now.

HIV/HEP C COALITION

- ◉ Together with the Tribal Offices in Education and Home Health, Sacred Spirits and The Indigenous People Program we have formed our own Coalition.
- ◉ We meet monthly to address the communities needs of infectious diseases such a HIV and Hep C.
- ◉ Hosted the first HEP C Summit in Indian Country in the state of Minnesota.

THANK-YOU

- ◉ This has been an honor to be asked to be on this panel.
- ◉ Look forward to continued education with infectious disease and work closely with the native people.
- ◉ Would like to hear from others with their ideas and concerns of how to help with the Indian Communities.

Haskell Health Center

Shannon Tuckwin - RN DON

POLICIES AND PROCEDURES

- ◉ Nursing standing orders
- ◉ Patients schedule “nurse only” visits
- ◉ Decreases provider load and patient wait time

STANDING ORDERS

- STD/STI Screening

- Lab

- STD check, HIV, GC/CT, RPR, HBsAG, HCV

- Positive STD/STI

- Prenatal Patients

- Labs

- Referrals

IMPROVING LABS

- Bundled lab orders in EHR
- Helps decrease errors of omission

STD LAB EXAMPLE

The screenshot displays an EHR interface for 'HASKELL INDIAN CENTER'. The user is identified as 'WOODHULL, KIMBERLY D'. The patient chart is for 'Demo, Patient Allen' (DOB: 01-Jan-2001, M). The interface includes tabs for 'Patient Chart', 'Communication', 'RPMS', 'UpToDate', and 'RCIS'. A 'Labs' menu is open, listing various lab categories: NEW GENERAL, DM LABS, WOMEN'S HEALTH LABS, STD LABS, Other Labs, DPP LABS, PEDIACTRIC, URINE TESTS, CULTURES, and RHEUMATOLOGY LABS. The 'STD LABS' option is highlighted. The bottom status bar shows the user name, a URL 'OKCHASMMAN.OKLAHOMA.IHS.GOV', the name 'HASKELL', the date and time '01-May-2012 12:49', and the page number '25'.

IHS-EHR HASKELL INDIAN CENTER USER: WOODHULL, KIMBERLY D

User Patient Refresh Data Clear Websites Tools Help

Patient Chart Communication RPMS UpToDate RCIS

Demo, Patient Allen PHARMACY 01-May-2012 12:38 Primary Care Team Unassigned
999997 01-Jan-2001 (11) M WOODHULL, KIMBERLY D Ambulatory

Profil Nd Diabetes Supplement Pharm Ed Adult Regu HS

Reports Consults Privacy Notifications Cover Sheet Summary

File View Action Options

View Orders Active Orders (i

Active Orders (includes

Write Orders

Consult Requests

Dressing Change

EKG ORDER

Immunization Order

Labs

Medications

Xray Orders

NEW GENERAL CULTURES

DM LABS

WOMEN'S HEALTH LABS RHEUMATOLOGY LABS

STD LABS

Other Labs

DPP LABS

PEDIACTRIC

URINE TESTS

WOODHULL, KIMBERLY D OKCHASMMAN.OKLAHOMA.IHS.GOV HASKELL 01-May-2012 12:49 25

Patient Chart Communication **RPMS** UpToDate **RCIS**

Demo, Patient Anna **PHARMACY** 04-May-2012 16:41 Primary Care Team Unassigned
 999992 01-Jan-2001 (11) F WOODHULL, KIMBERLY D Ambulatory

Problem List Adv Diabetes Supplement Pharm Ed

Nds Rvw'd **Nd**

Privacy Well Child Referrals

Notifications **Cover Sheet** Summary

File View Action Options

View Orders

Active Orders (includes)

Service	
Nursing	>>
Consults	BEI Chc
Consults	SM Cor
Consults	CH Chc
Consults	PA' Cor
Consults	CH Chc
Consults	CH TO
Consults	NU

Write Orders

- Consult Requests
- Dressing Change
- EKG ORDER
- Immunization Order
- Labs**
- Medications
- Xray Orders
- Clinic medication or

STD LABS Done

HIV IN HOUSE	HEP A IGM R3603500	
HIV R5670000	HEP B CORE IGM	
HEP B SAG R3603000	HEP B SURFACE ABY	
HEP C ABY WITH INDEX	VENIPUNCTURE	
RPR RFX FTA	HCV QNT bDNA	active
GC/CHLA R5560330	HCV QNT bDNA + GENO	active
STD X4 BLOOD	ACUTE HEPATITIS PROFILE	pending
CD4 T HELPER CELLS	HIV 1 QUANT bDNA	pending

Status

- active
- active
- pending
- pending
- pending
- pending
- pending

Demo Patient Allen
999997 01-Jan-2001 (11) M

PHARMACY 01-May-2012 12:38
WOODHULL, KIMBERLY D Ambulatory

Primary Care Team Unassigned

Problem List: Nds Rvw, Diabetes Supplement, Pharm Ed, Adult Regu HS

STDLABS: HIV IN HOUSE, HEP A IGM R3603500

Notifications: Cover Sheet

File View Action Options

View Orders: Active Orders (includes)

STD X4 BLOOD

- HIV 5670000
- HEP B SA
- HEP C ABY R559
- RPR RFX FTA

Stop Order Set

Order a Lab Test

Available Lab Tests: HIV 1/0/2 ANTIBODIES R567000

Collect Sample: BLOOD (MARBL)

Specimen: BLOOD

Urgency: ROUTINE

Enter order comment:

Collection Type: Send Patient to Lab

Collection Date/Time: T

How Often?: ONCE

How Long?:

Clinical Indication:

HIV 1/0/2 ANTIBODIES R5670000 BLOOD SP ONCE

Accept Order

Quit

PRENATAL LAB EXAMPLE

IHS-EHR HASKELL INDIAN CENTER USER: WOODHULL,KIMBERLY D

User Patient Refresh Data Clear Websites Tools Help

Patient Chart Communication RPMS UpToDate RCIS

Demo, Patient Allen 999997 01-Jan-2001 (11) M

PHARMACY WOODHULL,KIMBERLY D 01-May-2012 12:38 Ambulatory Primary Care Team Unassigned

Profil Nd Diabetes Supplement Pharm Ed Adult Regu HS

Reports Consults Privacy Notifications Cover Sheet Sumi

File View Action Options

View Orders Active Orders (i

Active Orders (includes

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Dressing Change

EKG ORDER

Immunization Order

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Medications

Xray Orders

Labs Done

NEW GENERAL CULTURES

DM LABS

WOMEN'S HEALTH LABS RHEUMATOLOGY LABS

STD LABS

Other Labs

DPP LABS

PEDIACTRIC

URINE TESTS

Service

Nursing

Consults

Consults

Consults

Consults

Consults

status

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nding

Demo Patient Anna 999992 01-Jan-2001 (11) F **PHARMACY** WOODHULL, KIMBERLY D 04-May-2012 16:41 Ambulatory Primary Care Team Unassigned

Problem List Adv Nds Rvwed Nd Diabetes Supplement Pharm Ed

Privacy Well Child Referrals Notifications Cover Sheet Summary

File View Action Options

View Orders Active Orders (includes)

Service	
Nursing	>>
Consults	BEI Chc
Consults	SM Cor
Consults	CH Chc
Consults	PA' Cor
Consults	CH Chc
Consults	CH TO
Consults	NU

Write Orders

- Consult Requests
- Dressing Change
- EKG ORDER
- Immunization Order
- Labs**
- Medications
- Xray Orders
- Clinic medication or

WOMEN'S HEALTH LABS Done

Adult	Patient	Postings
↔	PAP	<u>FASTING</u> <u>HORMONE EVAL</u>
↔	HPV ONLY R5572725	LIPID R2019100
↔	GC/CHLA (RML) R5560330	LDL DIRECT
↔	WET PREP	TOTAL CHOLESTEROL R20
↔	VIRAL CULTURE R6000450	HGB A1C(ON)
↔	VAGINAL CULTURE	GLUCOSE REF (FASTING)
↔	VIT D TOTAL	OCCULT BLOOD (DONE IN
↔	QUANT HCG	OCCULT BLOOD (3 SENT H
↔	CA 125	URINE DIPSTICK
↔	VENIPUNCTURE	PREGNANCY TEST
↔	STD X4 BLOOD	UA CULTURE
↔	RUBELLA ABY R5518900	<u>PN LABS</u>
↔	CBC (IN HOUSE)	<u>PN OTHER</u>
		PRENATAL PROFILE
		WHOLE BLOOD GLUCOSE
		GLUCOSE TOLERANCE 3 H
		ABO/RH TYPE AND ABY SC
		ESTRADIOL
		FSH R3601200
		LH R3601750
		PROGESTERONE R200
		PROLACTIN R3602400
		TESTOS WM TOTAL
		TESTOS FR/TOT/SHBG
		TESTOS BIOAVAILABLE
		DHEA
		17 HYDROXYPROGEST
		FREE T4 R4502550
		FREE T3 R3606325
		TSH R4501925
		TISSUE R8090000

Consults

Status
active
active
pending
pending
pending
pending
pending
pending

IHS-EHR HASKELL INDIAN CENTER USER: WOODHULL, KIMBERLY D

User Patient Refresh Data Clear Websites Tools Help

Patient Chart Communication RPMS UpToDate RCIS

Demo Patient Allen 999997 01-Jan-2001 (11) M **PHARMACY** 01-May-2012 12:38 Ambulatory Primary Care Team Unassigned

Diabetes Supplement

Order a Lab Test

Available Lab Tests: HIV 1/0/2 ANTIBODIES R5670000

Collect Sample: BLOOD (MARBL) Specimen: BLOOD Urgency: ROUTINE

Enter order comment:

Collection Type: Send Patient to Lab Collection Date/Time: T How Often?: ONCE How Long?:

Clinical Indication:

HIV 1/0/2 ANTIBODIES R5670000 BLOOD SP ONCE

Accept Order Quit

CMP R2006075

PN PROFILE SET

- HIV 5670000
- HEP C ABY R559
- URINE CULTURE
- GC/CHLA (RML)
- GESTATIONAL G
- ABORH GROUP
- ANTIBODY SCRE
- CBC SYSMEX
- HEP B SA
- RPR RFX FTA
- A1C IN HOUSE
- RUBELLA AB

Stop Order Set

WOODHULL, KIMBERLY D OKCHASMMAN.OKLAHOMA.IHS.GOV HASKELL

RESULTS OF BUNDLED LABS

- Prenatal patients
 - 100% screening rate

- STD+ patients
 - 96% screening rate

FOLLOW UP STD/STI PATIENTS

- Lab uses a notification to alert Infection Control Officer for all positives
- Patient recalled
- Treatment
 - Nurse enters order
 - Writes note and attaches provider
 - Pharmacy fills medication under provider name

FOLLOW UP STD/STI PATIENTS

- ◉ Further testing (if indicated)
- ◉ Education/counseling
- ◉ Partner information/Notification
- ◉ Reporting

TREATING PARTNERS

- Patients encouraged to bring partner with them for testing and treatment
- Non-Native American contacts
 - No testing
 - Treatment provided

**3 MONTH CHLAMYDIA
AND GONORRHEA
SCREENING PROJECT
FOR 16-25 YEAR OLDS
AT CROWNPOINT
HOSPITAL**

Laura Veal, FNP, MPH

CROWNPOINT, NM

- Comprehensive facility with inpatient services, ER, urgent care, primary care, pediatrics, dental, optometry, etc.
- Catchment area of 20,000 pts



WHAT

- ◉ July 1st 2011 through September 30th 2011
Crownpoint Hospital initiated a policy of routinely screening all urines submitted by persons aged 16-25 for chlamydia and gonorrhea.
- ◉ Anytime a patient in that age range submitted a urine sample for any reason (for example abdominal pain, pregnancy test, sports physical, etc.) the nurse or provider also ordered chlamydia and gonorrhea testing, unless the patient refused.

WHY

- ◉ In 2010 and 2011 we increased our efforts to make HIV screening routine, but had trouble getting buy-in from staff.
- ◉ We did CT/GC screening with the intent that testing for other more common STDs would generate awareness and concern about HIV as well, and would also help to identify at risk individuals.

WHERE

- Care settings for this age group included pediatric and adult continuity clinic and urgent care.
- The pediatric team consists of 2 pediatricians, one midlevel provider, 2 RNs and a health tech.
 - EHR
 - Teen Screen Button
- Urgent care
 - mainly staffed by locum tenens (contract) physicians
 - no EHR

HOW

- ◉ Signs were posted in all hospital toilets notifying patients of this policy
- ◉ The testing was also discussed during the clinic visit - patients had the opportunity to opt out.
- ◉ No additional consent was obtained.
- ◉ Data collection was done retrospectively using data from LabCorp and EHR.

SUCCESSSES

- Females 16-25 screened for chlamydia improved markedly
 - 33% in Aug 2010 as compared to 54% in Aug 2011
- Within the pediatric clinic, not a single patient chose to opt out of the testing.
- No resistance to the project was voiced by parents.
- Overall, for GPRA 2011 Crownpoint screened 55% of females (any age) for STIs
 - higher than the national average of 31%.

CHALLENGES

- ⦿ No overall increase in the number of chlamydia tests
- ⦿ Males (5% of the total # of tests done)
- ⦿ Peds Clinic vs. Urgent Care
- ⦿ Cost

TAKE HOME MESSAGE

- **Entre into these sensitive discussions**
 - “We are checking everyone for this; we are not picking on you.”
- **Ease**
 - urines were already being submitted for other reasons
 - no additional consent.
- **Patient education and community awareness**
 - "What is chlamydia?"
 - "Is there a lot of that around here?"