Recommended Uniform Screening Panel[1]
Core [2] Conditions [3]
(as of December 2011)

ACMG Code	Core Condition	Metabolic Disorder			Endocrine Disorder	Hemoglobin Disorder	Other Disorder
		Organic acid condition	Fatty acid oxidation disorders	Amino acid disorders			
PROP	**Propionic acidemia**	X					
MUT	**Methylmalonic acidemia (methylmalonyl-CoA mutase)**	X					
Cbl A,B	**Methylmalonic acidemia (cobalamin disorders)**	X					
IVA	**Isovaleric acidemia**	X					
3-MCC	**3-Methylcrotonyl-CoA carboxylase deficiency**	X					
HMG	**3-Hydroxy-3-methyglutaric aciduria**	X					
MCD	**Holocarboxylase synthase deficiency**	X					
ßKT	**ß-Ketothiolase deficiency**	X					
GA1	**Glutaric acidemia type I**	X					
CUD	**Carnitine uptake defect/carnitine transport defect**		X				
MCAD	**Medium-chain acyl-CoA dehydrogenase deficiency**		X				
VLCAD	**Very long-chain acyl-CoA dehydrogenase deficiency**		X				
LCHAD	**Long-chain L-3 hydroxyacyl-CoA dehydrogenase deficiency**		X				
TFP	**Trifunctional protein deficiency**		X				
ASA	**Argininosuccinic aciduria**			X			
CIT	**Citrullinemia, type I**			X			
MSUD	**Maple syrup urine disease**			X			
HCY	**Homocystinuria**			X			
PKU	**Classic phenylketonuria**			X			
TYR I	**Tyrosinemia, type I**			X			
CH	**Primary congenital hypothyroidism**				X		
CAH	**Congenital adrenal hyperplasia**				X		
Hb SS	**S,S disease (Sickle cell anemia)**					X	
Hb S/ßTh	**S, βeta-thalassemia**					X	
Hb S/C	**S,C disease**					X	
BIOT	**Biotinidase deficiency**						X
CCHD	**Critical congenital heart disease**						X
CF	**Cystic fibrosis**						X
GALT	**Classic galactosemia**						X
HEAR	**Hearing loss**						X
SCID	**Severe combined immunodeficiences**						X

1. Selection of conditions based upon “Newborn Screening: Towards a Uniform Screening Panel and System.” *Genetic Med*. 2006; 8(5) Suppl: S12-S252” as authored by the American College of Medical Genetics (ACMG) and commissioned by the Health Resources and Services Administration (HRSA).
2. Disorders that should be included in every Newborn Screening Program.
3. Nomenclature for Conditions based upon “Naming and Counting Disorders (Conditions) Included in Newborn Screening Panels.” *Pediatrics*. 2006; 117 (5) Suppl: S308-S314.

SACHDNC Recommended Uniform Screening Panel[1]
SECONDARY[2] CONDITIONS [3]
(as of December 2011)

ACMG Code	Secondary Condition	Metabolic Disorder			Hemoglobin Disorder	Other Disorder
		Organic acid condition	Fatty acid oxidation disorders	Amino acid disorders		
Cbl C,D	Methylmalonic acidemia with homocystinuria	X				
MAL	Malonic acidemia	X				
IBG	Isobutyrylglycinuria	X				
2MBG	2-Methylbutyrylglycinuria	X				
3MGA	3-Methylglutaconic aciduria	X				
2M3HBA	2-Methyl-3-hydroxybutyric aciduria	X				
SCAD	Short-chain acyl-CoA dehydrogenase deficiency		X			
M/SCHAD	Medium/short-chain L-3-hydroxyacl-CoA dehydrogenase deficiency		X			
GA2	Glutaric acidemia type II		X			
MCAT	Medium-chain ketoacyl-CoA thiolase deficiency		X			
DE RED	2,4 Dienoyl-CoA reductase deficiency		X			
CPT IA	Carnitine palmitoyltransferase type I deficiency		X			
CPT II	Carnitine palmitoyltransferase type II deficiency		X			
CACT	Carnitine acylcarnitine translocase deficiency		X			
ARG	Argininemia			X		
CIT II	Citrullinemia, type II			X		
MET	Hypermethioninemia			X		
H-PHE	Benign hyperphenylalaninemia			X		
BIOPT (BS)	Biopterin defect in cofactor biosynthesis			X		
BIOPT (REG)	Biopterin defect in cofactor regeneration			X		
TYR II	Tyrosinemia, type II			X		
TYR III	Tyrosinemia, type III			X		
Var Hb	Various other hemoglobinopathies				X	
GALE	Galactoepimerase deficiency					X
GALK	Galactokinase deficiency					X
	T-cell related lymphocyte deficiencies					X

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2. Disorders that can be detected in the differential diagnosis of a core disorder.
3. Nomenclature for Conditions based upon “Naming and Counting Disorders (Conditions) Included in Newborn Screening Panels.” *Pediatrics*. 2006; 117 (5) Suppl: S308-S314.