

ARIZONA'S NEWBORN SCREENING PANEL

Amino Acid Disorders

Phenylketonuria (PKU)
Maple syrup urine disease (MSUD)
Homocystinuria (HCY)
Citrullinemia type I (CIT-1)
Argininosuccinic acidemia (ASA)
Tyrosinemia type I (TYR-1)

Endocrine Disorders

Congenital hypothyroidism (CH)
Congenital adrenal hyperplasia (CAH)

Fatty Acid Oxidation Disorders

Carnitine uptake defect (CUD)
Medium-chain acyl-CoA dehydrogenase deficiency (MCAD)
Very long-chain acyl-CoA dehydrogenase deficiency (VLCAD)
Long-chain L-3-hydroxyacyl-CoA dehydrogenase deficiency (LCHAD)
Trifunctional protein deficiency (TFP)

Hemoglobin Disorders

Sickle cell anemia (Hb SS)
S, beta-thalassemia (Hb S/ β Th)
S, C disease (Hb S/C)

Lysosomal Storage Disorders

Mucopolysaccharidosis Type I (MPS I)
Mucopolysaccharidosis Type II (MPS II)
Pompe Disease (Glucosidase acid-1, 4-alpha deficiency)

Organic Acid Disorders

Isovaleric acidemia (IVA)
Glutaric acidemia type I (GA-1)
3-Hydroxy-3-methylglutaric aciduria (HMG)
Multiple carboxylase deficiency (MCD)
Methylmalonic acidemia-cobalamin defect (Cbl A,B)
Methylmalonic acidemia-mutase deficiency (MUT)
3-Methylcrotonyl-CoA carboxylase deficiency (3MCC)
Propionic acidemia (PROP)
Beta-ketothiolase deficiency (BKT)

Other Disorders

Biotinidase deficiency (BIOT)
Galactosemia (GALT)
Cystic Fibrosis (CF)
Severe Combined immunodeficiency (SCID)
Spinal Muscular Atrophy (SMA)
X-Linked Adrenoleukodystrophy (X-ALD)

Point of Care Tests

Hearing Differences (HEAR)
Critical Congenital Heart Defects (CCHD)



ARIZONA DEPARTMENT
OF HEALTH SERVICES

PREPAREDNESS