

ARIZONA'S NEWBORN SCREENING PANEL OF 30 DISORDERS

Recommended Uniform Screening Panel (RUSP) from the Secretary's Advisory Committee on Heritable Disorders in Newborns and Children and endorsed by the American Academy of Pediatrics and the March of Dimes

Endocrine Disorders (2)

Congenital hypothyroidism (CH)
Congenital adrenal hyperplasia (CAH)

Amino Acid Disorders (6)

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

Fatty Acid Oxidation Disorders (5)

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)

Organic Acid Disorders (9)

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

Hemoglobin Disorders (3)

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

Other Disorders (3)

Biotinidase deficiency (BIOT)
Galactosemia (GALT)
Cystic Fibrosis (CF)

Disorders not detected by bloodspot screening (2)

Hearing Loss (HEAR)
Critical Congenital Heart Disease (CCHD)