Oklahoma Newborn Screening Disorders List

- **Congenital Hypothyroidism**
- **Classic Galactosemia**
- Galactosepimerase deficiency (Gale)
- Galctokinase deficiency (GALK)
- **Sickle Cell Disease (Hb SS)**
- **S, C Disease (Hb SC)**
- **S, βeta-Thalasemia (Hb S/βth)**
- Various other hemoglobinopathies
- **Cystic Fibrosis**
- **Congenital Adrenal Hyperplasia**
- **Biotinidase Deficiency**
- **Severe Combined Immunodeficiency (SCID)**
- **Spinal Muscular Atrophy (SMA)**
- **X-linked Adrenoleukodystrophy (XALD)**
- **Pompe**
- **Mucopolysaccharidosis Type 1**

Organic Acid Disorders

- **Propionic Acidemia (PROP)**
- **Methylmalonic acidemia (MUT)**
- **Methylmalonic acidemia (Cobalamin Disorders) (Cbl A, B)**
- **Methylmalonic acidemia with homocystinuria (Cbl C,D)**
- Malonic acidemia (MAL)
- Isobutyrylglycinuria (Isobutyryl-CoA dehydrogenase deficiency) (IBG)
- **Isovaleric Acidemia (IVA)**
- 2-Methylbutyrylglycinuria (2MBG)
- **3-Methylcrotonyl-CoA carboxylase deficiency (3-MCC)**
- 3-Methylglutaconic aciduria (3MGA)
- **3-Hydroxy-3-methyglutaric aciduria (HMG)**
- **Holocarboxylase synthetase deficiency (multiple carboxylase deficiency) (MCD)**
- 2-Methyl-3-hydroxybutyric aciduria (2M3HBA)
- **Beta ketothiolase deficiency (βKT)**
- **Glutaric acidemia type I (GA1)**

Amino Acid Disorders

- Argininemia (ARG)
- **Argininosuccinic aciduria (ASA)**
- **Citrullinemia type I (CIT)**
- Citrullinemia type II (CIT II)
- **Homocystinuria (HCY)**
- Hypermethioninemia (MET)
- **Maple Syrup Urine Disease (MSUD)**
- **Phenylketonuria (PKU)**
- Benign hyperphenylalaninemia (H-PHE)
- Biopterin defect in cofactor biosynthesis (BIOPT [BS])
- Biopterin defect in cofactor regeneration (BIOPT [REG])
- **Tyrosinemia Type I (TYR I)**
- Tyrosinemia Type II (TYR II)
- Tyrosinemia Type III (TYR III)

Fatty Acid Disorders

- **Carnitine uptake defect (CUD)**
- Short-chain acyl-CoA dehydrogenase deficiency (SCAD)
- Glutaric acidemia Type II (GAII)
- Medium-chain ketoacyl-CoA thiolase deficiency (MCAT)
- **Medium-chain acyl-CoA dehydrogenase deficiency (MCAD)**
- **Very long-chain acyl-CoA dehydrogenase deficiency (VLCAD)**
- Carnitine acylcarnitine translocase deficiency (CACT)
- Carnitine palmitoyltransferase I deficiency (CPT I) Carnitine palmitoyltransferase II deficiency (CPT II)
- **Long-chain L-3-hydroxyacyl- CoA dehydrogenase deficiency (LCHAD)Trifunctional protein deficiency (TFP**