- Argininemia (Arginase deficiency)
- Argininosuccinate aciduria
- Beta Ketothiolase (Mitochondrial Acetyl-CoA Thiolase Deficiency
- Biotinidase Deficiency
- Carnitine Acyl-Carnitine Translocase Deficiency
- Carnitine Palmitoyltransferase Deficiency Type 1 (CPT I)
- Carnitine Palmitoyltransferase Deficiency Type 1 CPT II
- Carnitine Uptake Deficiency
- Citrullinemia
- Cobalamin C deficiency
- Congenital Adrenal Hyperplasia
- Congenital Hypothyroidism
- Cystic Fibrosis
- 2,4-dienoyl-CoA Reductase
- Galactosemia
- Glutaric Acidemia
- Glutaric Acidemia Type II
- Homocystinuria
- 3-Hydroxy-3Methylglutaric aciduria
- Isobutyryl-CoA Dehydrogenase Deficiency
- Isovaleric Acidemia
- Long chain 3-hydroxyacyl-CoA dehydrogenase deficiency (LCHADD)
- Malonic Acidemia
- Maple syrup urine disease (Branched-chain ketoacid dehydrogenase deficiency)
- Medium chain acyl-CoA dehydrogenase deficiency (MCADD)
- 2-Methyl-3Hydroxybutyryl-CoA Dehydrogenase Deficiency
- 2- Methylbutyryl-CoA Dehydrogenase Def.
- 3 Methylcrotonyl- CoA carboxylase deficiency (3-MCC)
- Methylmalonic Acidemia
- Multiple Carboxylase Deficiency
- Phenylketonuria/ hyperphenylalaninemia
- Propionic Acidemia
- Short chain acyl-CoA dehydrogenase deficiency (SCADD)
- Short chain 3-hydroxyacyl-CoA dehydrogenase deficiency (SCHADD)
- Sickle Cell Anemia
- Trifunctional Protein Deficiency
- Tyrosinemia Type I
- Tyrosinemia Type I/II/III
- Very long chain acyl-CoA Dehydrogenase (VLCADD)
- Severe Combined Immune Deficiency (SCID)