



# Georgia Newborn Screening Program

## Newborn Screening Panel and Condition-Specific Information

The Georgia Department of Public Health Code Rule [511-5-5-.03](#) **mandates** that all Georgia newborns have the following screenings: dried blood spot screening, critical congenital heart disease screening, and hearing screening.

### Dried Blood Spot Screening:

#### Amino Acid Disorders

- [Argininosuccinic aciduria \(ASA\)](#)
- [Citrullinemia, type I \(CIT\)](#)
- [Classic phenylketonuria \(PKU\)](#)
- [Homocystinuria \(HCY\)](#)
- [Maple syrup urine disease \(MSUD\)](#)
- [Tyrosinemia, type I \(TYR I\)](#)

#### Endocrine Disorders

- [Congenital adrenal hyperplasia \(CAH\)](#)
- [Primary congenital hypothyroidism \(CH\)](#)

#### Fatty Acid Oxidation Disorders

- [Carnitine uptake defect/carnitine transport defect \(CUD\)](#)
- [Long-chain 3-hydroxyacyl-CoA dehydrogenase deficiency \(LCHAD\)](#)
- [Medium-chain Acyl-CoA dehydrogenase deficiency \(MCAD\)](#)
- [Trifunctional protein deficiency \(TFP\)](#)
- [Very-long-chain acyl-CoA dehydrogenase deficiency \(VLCAD\)](#)

#### Hemoglobin Disorders

- [S,  \$\beta\$ -thalassemia \(Hb S/ \$\beta\$ Th\)](#)
- [S, C disease \(Hb S/C\)](#)
- [S, S disease \(Sickle cell anemia\) \(Hb SS\)](#)
- [Various other hemoglobinopathies \(Var Hb\)](#)

#### Lysosomal Storage Disorders

- [Infantile Krabbe Disease](#)
- [Glycogen Storage Disease Type II \(Pompe\)](#)
- [Mucopolysaccharidosis Type I \(MPS I\)](#)
- [Mucopolysaccharidosis Type II \(MPS II\)](#)

## Organic Acid Disorders

- [3-Hydroxy-3-methylglutaric aciduria \(HMG\)](#)
- [3-Methylcrotonyl-CoA carboxylase deficiency \(3-MCC\)](#)
- [β-Ketothiolase deficiency \(BKT\)](#)
- [Glutaric acidemia type I \(GA-1\)](#)
- [Holocarboxylase synthase deficiency \(MCD\)](#)
- [Isovaleric acidemia \(IVA\)](#)
- [Methylmalonic acidemia \(cobalamin disorders\) \(Cbl A,B\)](#)
- [Methylmalonic acidemia \(methylmalonyl-CoA mutase\) \(MUT\)](#)
- [Propionic acidemia \(PROP\)](#)

## Other Disorders

- [Biotinidase deficiency \(BIOT\)](#)
- [Classic galactosemia \(GALT\)](#)
- [Cystic fibrosis \(CF\)](#)
- [Guanidinoacetate Methyltransferase Deficiency \(GAMT\)](#)
- [Severe combined Immunodeficiencies \(SCID\)](#)
- [Spinal Muscular Atrophy due to homozygous deletion of exon 7 in SMN1 \(SMA\)](#)
- [X-linked Adrenoleukodystrophy \(X-ALD\)](#)

## Critical Congenital Heart Disease Screening:

### Critical Congenital Heart Disease (CCHD)

- [Critical congenital heart disease \(CCHD\)](#)

## Hearing Screening:

### Hearing Loss

- [Hearing loss \(HEAR\)](#)

## Georgia Newborn Screening Program

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