

CONGENITAL HYPOTHYROIDISM: The Pediatrician's Role



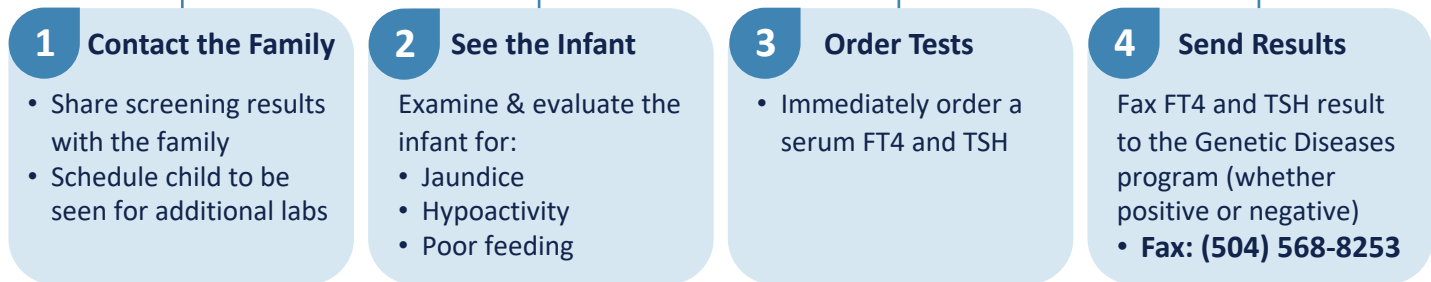
Newborns with abnormal Congenital Hypothyroidism results require additional testing *as soon as possible*. Early detection and treatment with a thyroid hormone medication can prevent intellectual and developmental delays.

Congenital Hypothyroidism can occur when newborns are unable to produce the amount of thyroid hormone necessary for the baby's healthy growth and development. Newborn screening is the only way to detect this disease early.

CLINICAL MANAGEMENT GUIDELINES

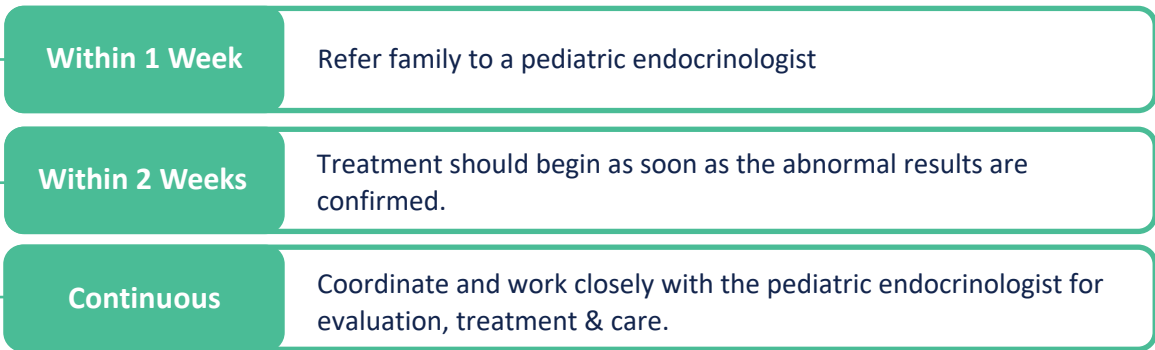
If newborn screening shows that an infant has low T4 and/or elevated TSH, follow the steps below to ensure that the child receives care in a timely manner. The earlier infants receive treatment, the better the long term outcome.

Newborn screening produces low T4 and/or elevated TSH result



Abnormal Result
If serum FT4 and/or TSH are abnormal, contact a pediatric endocrinologist immediately.
• A list of pediatric endocrinologists is provided on the next page

Normal Result
If serum FT4 and TSH are normal, no further testing is needed.



If you have any questions or concerns about newborn screening or your next steps, call the Genetic Diseases program at 504-568-8254 or visit ldh.la.gov/genetics.

LOUISIANA PEDIATRIC ENDOCRINOLOGISTS

If an infant in your practice is diagnosed with Congenital Hypothyroidism (indicated by an abnormal serum FT4 and/or TSH result), contact a pediatric endocrinologist immediately. Early detection and treatment of congenital hypothyroidism results in normal intelligence and normal growth. Families should be referred to a pediatric endocrinologist within one week of abnormal test results. Below is a list of some of the hospitals that specialize in pediatric endocrinology across the state.

Region	Hospitals
Greater New Orleans Area: Jefferson, Orleans, Plaquemines, St. Bernard	Children's Hospital (CHNOLA) LSUHSC School of Medicine New Orleans: (504) 894-5381 Fax: (504) 894-5139 Ochsner Health Center New Orleans: (504) 842-3900
Greater Baton Rouge Area: Ascension, E. Baton Rouge, E. Feliciana, Iberville, Pointe Coupee, W. Baton Rouge, W. Feliciana	Children's Hospital Endocrinology Clinic Baton Rouge Baton Rouge: (504) 894-5381 Our Lady of the Lake Pediatric Endocrinology Baton Rouge: (225)765-5500 Fax: (225) 374-1684
South Central Area Assumption, Lafourche, St. Charles, St. James, St. John the Baptist, St. Mary, Terrebonne	Ochsner Health Center for Children, Houma Houma: (504) 842-3900
Acadiana/Southwest Area: Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Martin, Vermillion	Women's and Children's Hospital Kids' Specialty Center Lafayette: (337) 371-3101
Northwest/Northeast/Shreveport Area: Bienville, Bossier, Caddo, Claiborne, DeSoto, Natchitoches, Red River, Sabine, Webster	LSUHSC School of Medicine Pediatric Endocrinology Shreveport: (318) 675-6070 Fax: (318) 675-6145
Northshore Area: Livingston, St Helena, St. Tammany, Tangipahoa, Washington	Children's International Group Slidell: (985) 288-1800 Lacombe: (985) 882-7077 Ochsner Health Center for Children, Slidell Slidell: (504) 842-3900
	Ochsner Health Center for Children, Covington Covington: (985) 809-5800 Children's Hospital Endocrinology Clinic Northshore Northshore: (504) 894-5381

For further guidance, call the Genetic Diseases program at 504-568-8254



The Genetic Diseases Program operates a mandated newborn heel stick screening and follow-up program to test all children born in Louisiana for genetic or metabolic disorders recommended by the U.S. Department of Health and Human Services Advisory Committee on Heritable Disorders in Newborns and Children.