

## **PHYSICIAN ACT SHEET for POSITIVE Newborn Screening Result for CONGENITAL PRIMARY HYPOTHYROIDISM**

**Disease Category:** Endocrinopathy

### **YOU SHOULD TAKE THE FOLLOWING ACTIONS:**

- **Contact family to inform them of the newborn screening result and schedule an immediate visit.**
- **Schedule a lab visit for the newborn within 24-48 hours for confirmatory testing.**
- **Consult pediatric endocrinologist.** Refer to an endocrinologist if considered appropriate.
- Report findings back to state newborn screening program.

**Pediatric endocrinologists** are available at Children's Hospital **(402) 955-3871**.

**Meaning of the Screening Result:** Decreased thyroxine (T4) accompanied by increased thyroid stimulating hormone (TSH) suggests primary hypothyroidism.

**Confirmation of Diagnosis:** Diagnostic tests include serum Free T4 which will be reduced, and serum TSH which will be elevated. Be sure specimen is tested at a laboratory with established neonatal reference ranges. Serum T3 uptake may be recommended. The pediatric endocrinologist may also recommend radiographs.

**Condition Description:** The baby lacks adequate thyroid hormone production.

**Clinical Expectations:** If untreated, results in developmental delay/mental retardation and poor growth.