

-TSH Elevated (>9mU/L) - FT4 Decreased (<0.6mg/dL) Dx: Primary CH

-TSH Elevated (>9mU/L) -FT4 Normal(<0.9-2.3ng/dL) Dx: Subclinical Hypothyroidism -Initiate LT4 therapy Levothyroxine 10-15mcg/kg/day

-TSH 9-25mU/L with normal FT4– repeat TSH/FT4 in 1wk -TSH_>25– initiate LT4 therapy 10-15mcg/day/day

Elevated TSH or Low T4 -Call parents immediately for confirmatory testing -Recheck newborn screen and/or obtain venipuncture for serum TSH/FT4 -TSH Decreased or Normal (<9mU/L) -FT4 Decreased (<0.6mg/dL) Dx: Central (Secondary) Hypothyroidism

-TSH Normal (<9mU/L) in male infant -FT4 Decreased (<0.6mg/dL) Dx: TBG Deficiency