Dyshormogenesis

Dys hormogenesis

- Autoimmune gland destruction (Hashimoto thyroiditis)
- lodine deficiency

SECONDARY AND TERTIARY CAUSES

condary Thyroid gland (primmy cause)

Hypothalamy (Th

Hypothalamus failure: Lack of TRH → Tertian

CRETINISM -> dildren@och

spothypeidism condition 200

Treatment:

- Thyroid deficiency from birth
- Stunting of linear growth: **Dwarfism**
- Mental and physical growth are retarded wown
- Puffy face, pot belly and large tongue പ്രാം പ്രെ സ്റ്റർ ക്ക്സ്)
- A coarse cry, you can recognize them as they are born.

mental, physical arouth retardation

HYPERTHYROIDISM / THYROTOXICOSIS

- Increase of free T3 and T4 level in blood
- compare with normal levels Causes:

Grave's disease – Autoimmune condition; Auto antibodies stimulate

TSH receptors and antibodies acts like TSH

- Toxic adenoma of thyroid gland
- TSH secreting tumor in hypothalamus

BMR -> Basic Metabolic Rate

	Hypothyroidism	Hyperthyroidism
General Control of the Control of th	• Decreased BMR / Lethargy (weakness) • Low heat production / Cold intolerance Weight gain	 Increased BMR Excess heat production Weight loss
GIT	 Decreased appetite Slow gut motility: constipation Decrease glucose reabsorption 	Increased appetite