



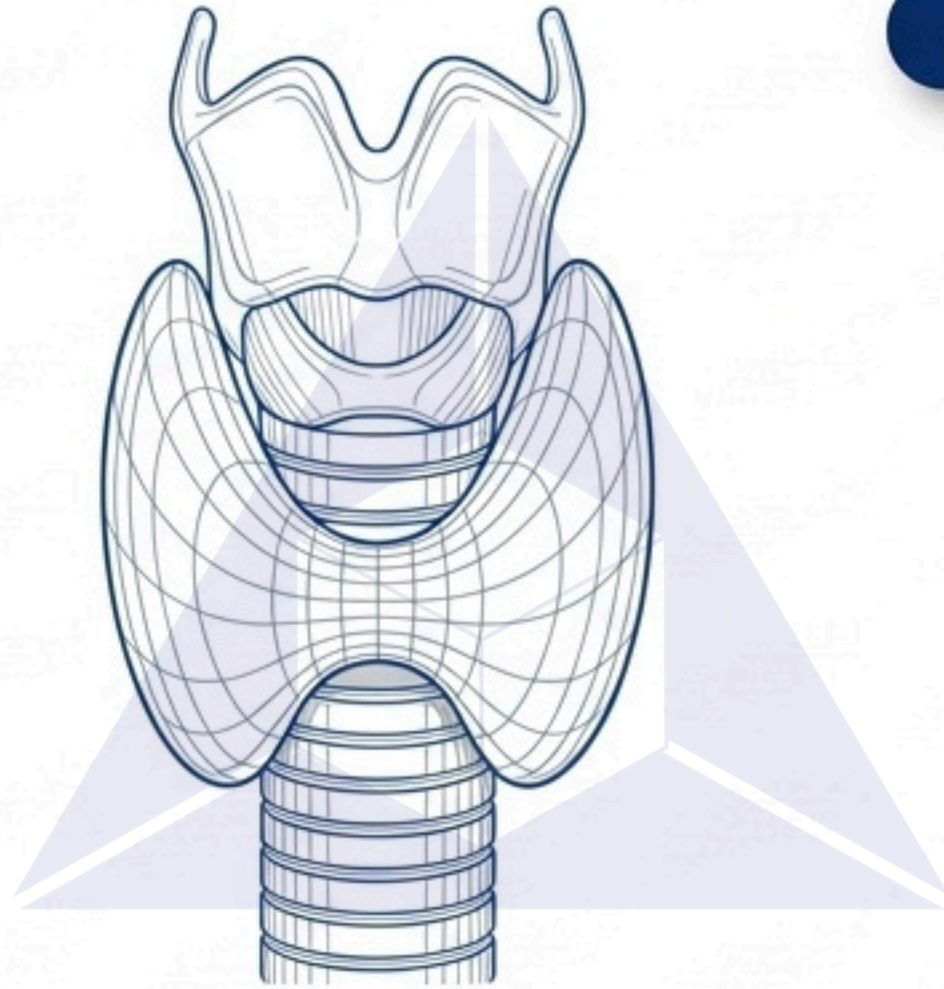
Goitre, Cretinism and Graves' Disease

The Clinical Dashboard of Thyroid Disorders

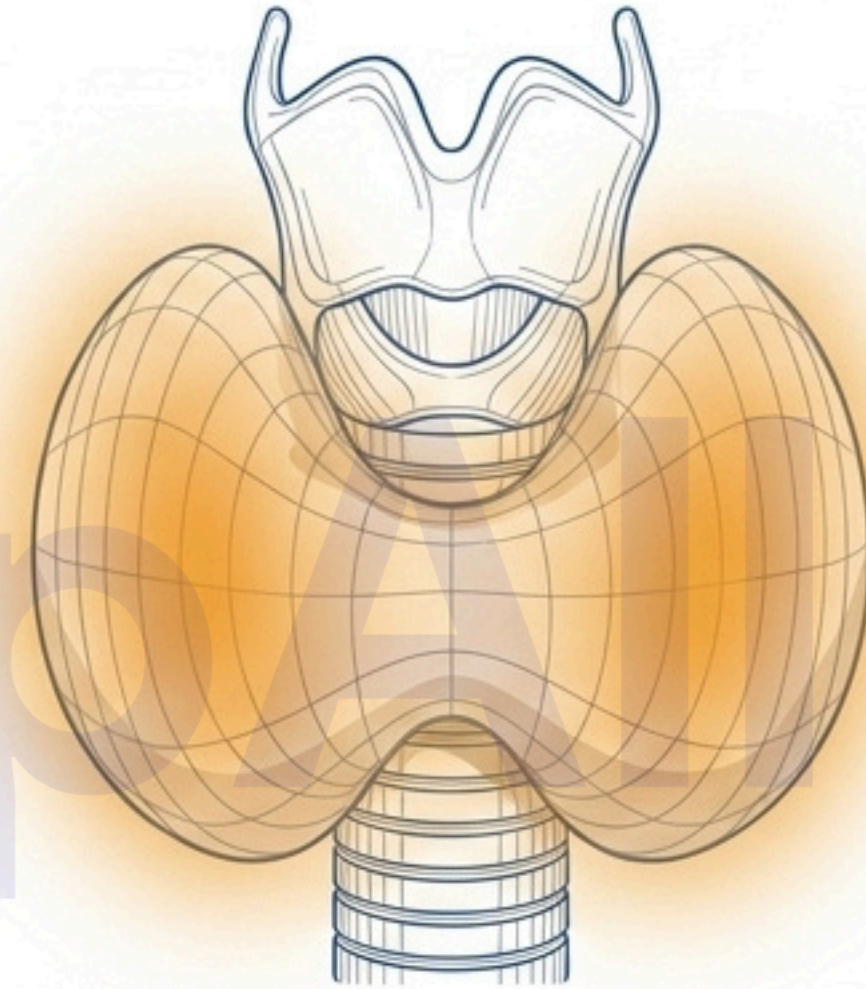
Iodine Deficiency & Hypothyroidism



Goitre: The Morphological Response



Normal Baseline Anatomy



Enlargement (Goitre)

The gland physically expands in an attempt to compensate for the abnormally low rate of T3 and T4 synthesis caused by dietary iodine deficiency.



You've Learned the Theory. Let's Test Them Now.

$$E=mc^2$$



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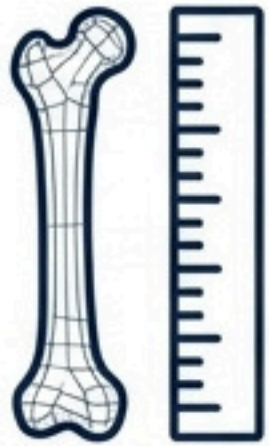
Key Highlights

- » Free Study Material, Videos & Infographics
- » Push Your Limits with Level-Based Challenges
- » Climb the Leaderboard Among Fellow Aspirants
- » Practice Unlimited MCQs for NEET & JEE
- » Get Clear Explanations, Not Just Marks
- » Track Your Performance Smarter



Pregnancy Hypothyroidism & Cretinism

Permanent Developmental & Maturation Damage to Fetus



Stunted physical growth (Cretinism)



Mental retardation & low Intelligence Quotient (IQ)

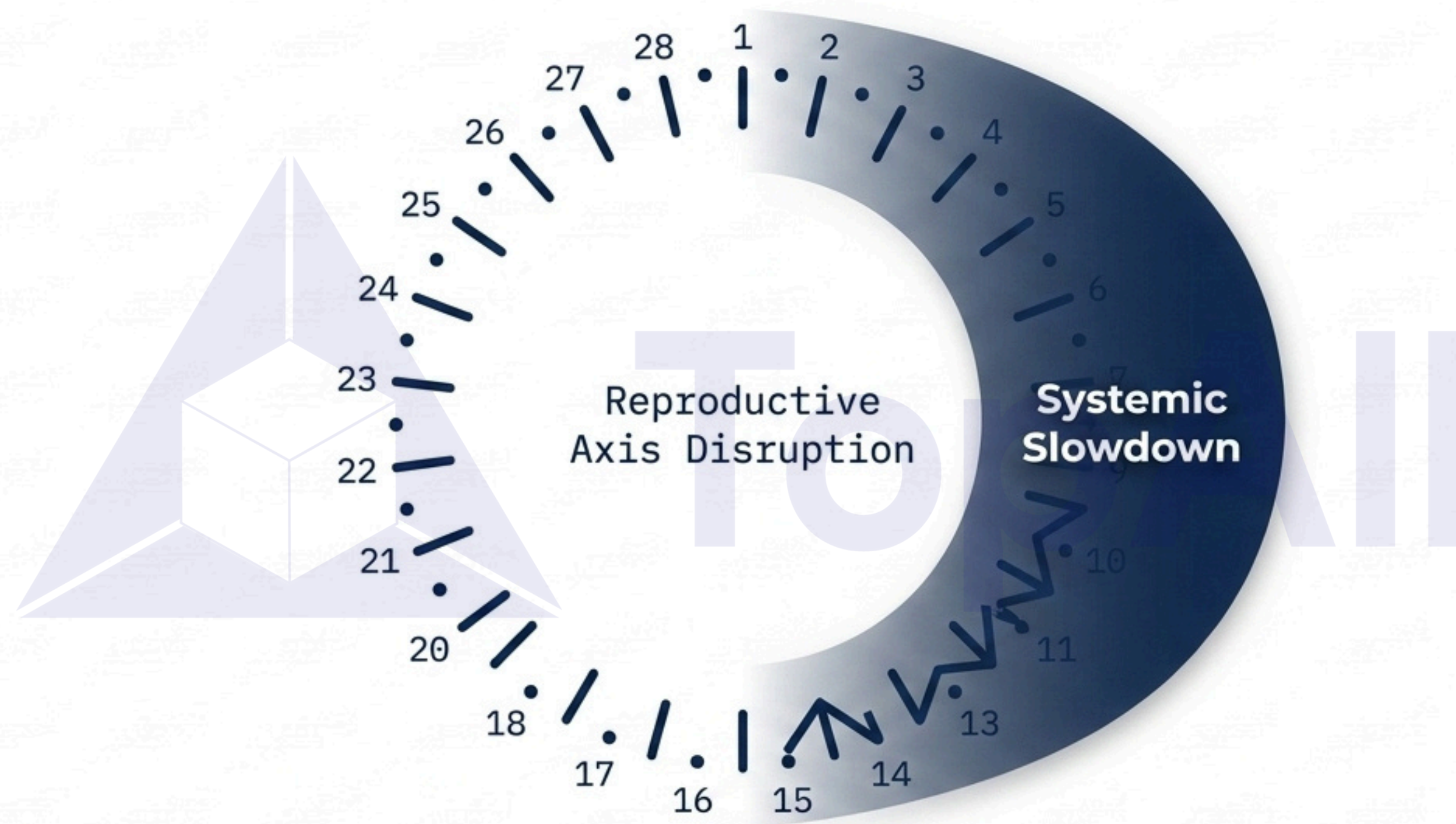


Deaf-mutism



Abnormal skin development

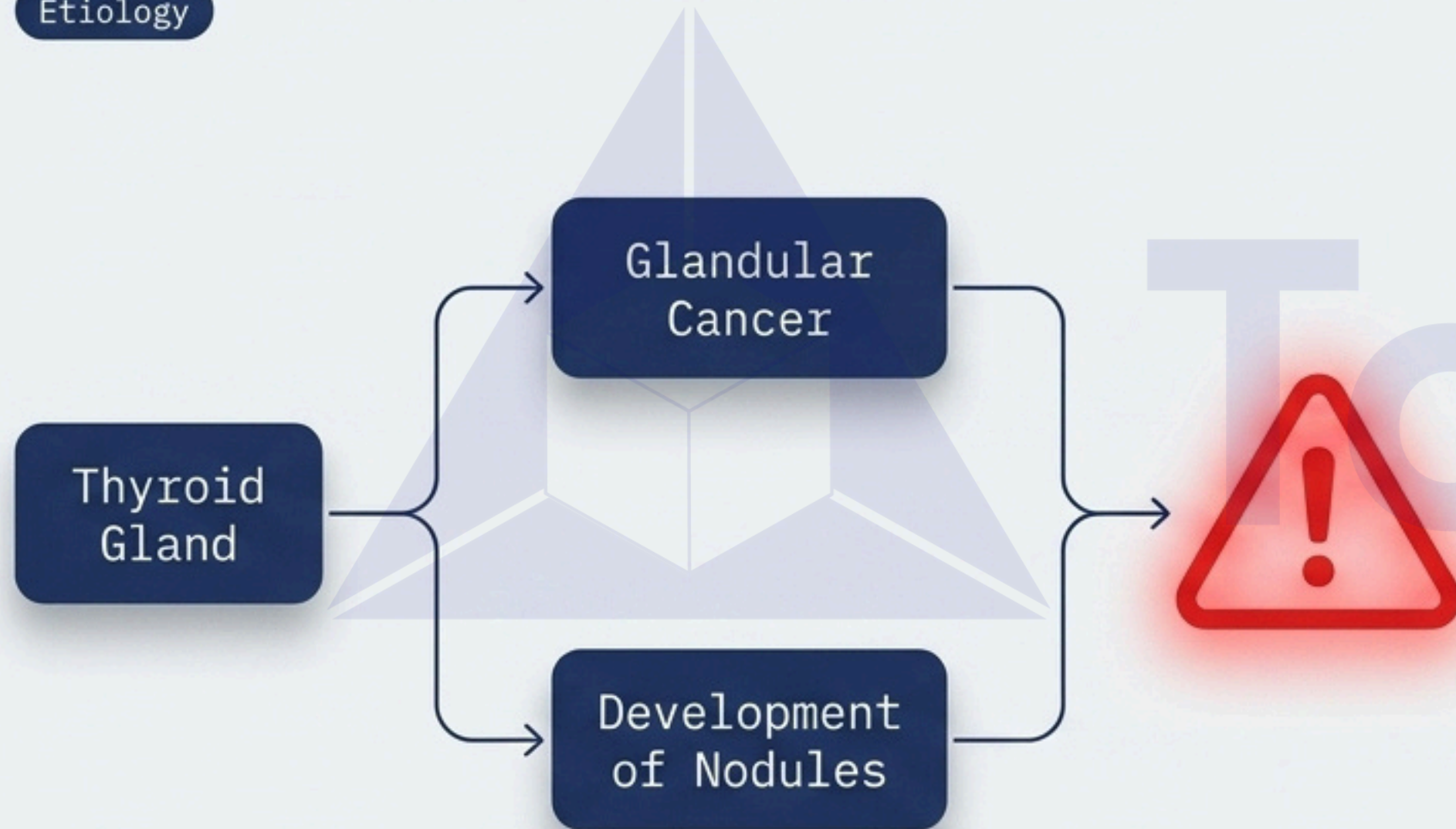
Adult Women: Irregular Menstrual Cycle



Low circulating thyroid hormones directly interfere with normal reproductive physiology, causing standard menstrual cycles to lose their regular rhythm.

Hyperthyroidism: The Overdrive State

Etiology



Output

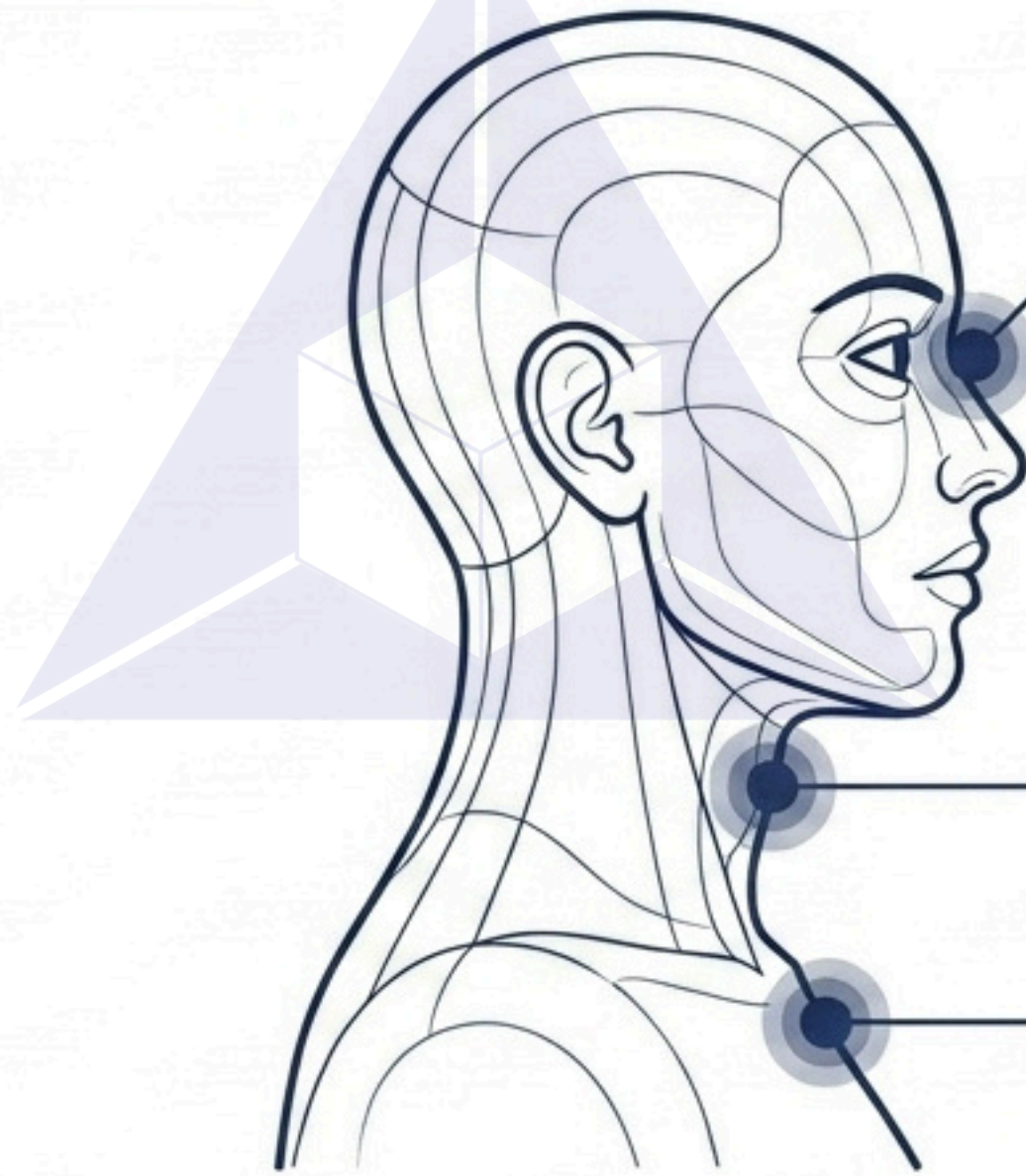
Abnormally high secretion
of T3 and T4



The rate of synthesis escapes normal physiological regulation, adversely affecting global body physiology.

Exophthalmic Goitre / Graves' Disease

Diagnostic Profile Card



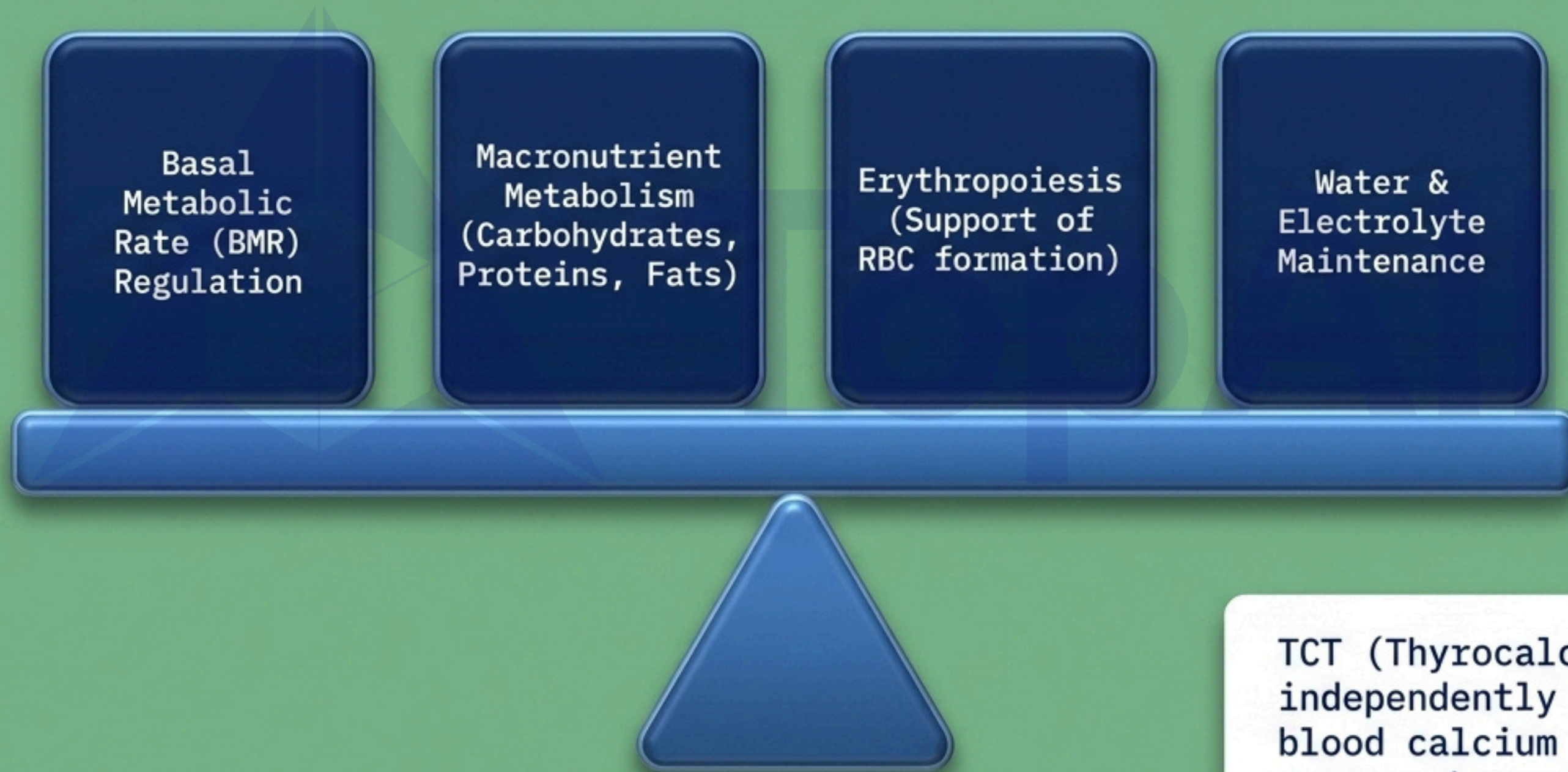
Protrusion of the eyeballs
(Exophthalmia)

Enlargement of the thyroid
gland



Severe weight loss
despite increased Basal
Metabolic Rate (BMR)

The Systemic Balance of the Thyroid





You've Learned the Theory.

Now Let's Test It.

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Practice the moment you finish studying
Jump in while the concept is still fresh in your head

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