

CBL: Hyperthyroidism

Objectives

- Discuss the structure and functions of thyroid gland
- Recognize the mechanism of action of thyroid Hormones and regulation
- Relate the clinical picture with the presentation of such clinical condition.
- Recognize the importance of selection of salt utilized in cooking
- Recognize the social issues related to swelling in front of neck
- Identify the anatomical structures of the endocrine gland in front of the neck
- Discuss the synthesis of T3 T4

Case

30 year old female with H/O wt loss, diarrhea, heat intolerance for five weeks along with Palpitations, and excessive sweating. O/E she had swelling in front of neck, fine tremors at both out stretched hands. Palms are sweaty and warm, BP 140/ 60 mm Hg. Pulse is 140 irregularly irregular.

Investigation's: Findings:

WBCs	11000/ cumm
ESR	40
Hb	11 gm/lit

Thyroid function Test:

TSH	0.002
T3	17
T4	

