



10. Thyroid hormone

- A. Synthesis
- B. Buffering & metabolism
- C. Effects
- D. HPA regulation & feedback
- E. Pathophysiology

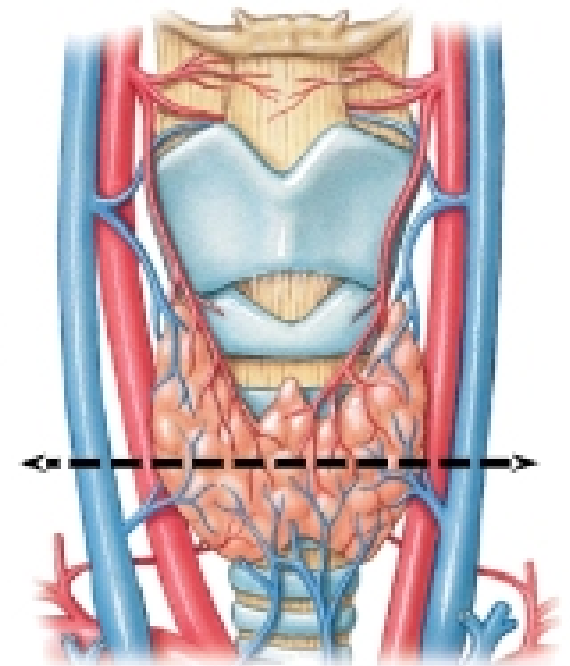
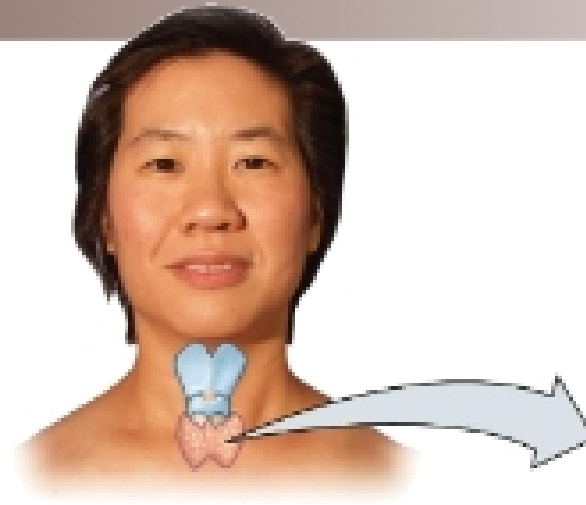


The Thyroid

- First recognized gland & hormone
- Amide hormone
- Many similarities to steroids
- Essential in childhood for normal growth & development
- Adults: normal metabolism
- Known for pathophysiology

Thyroid gland

Follicles: follicular cells
+follicular lumen



Follicular cells

Follicular lumen

C cell
(calcitonin)

Capsule

Capillary

