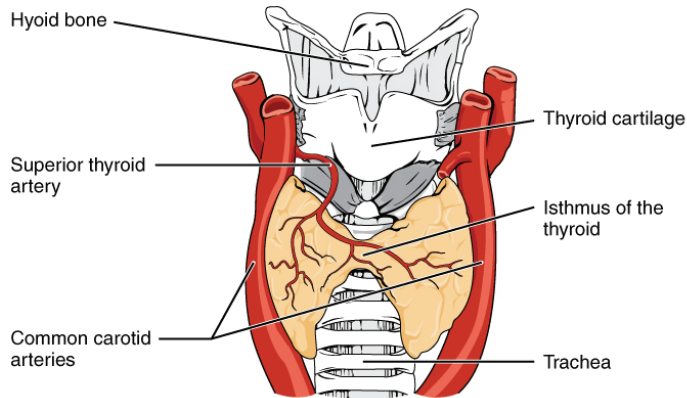


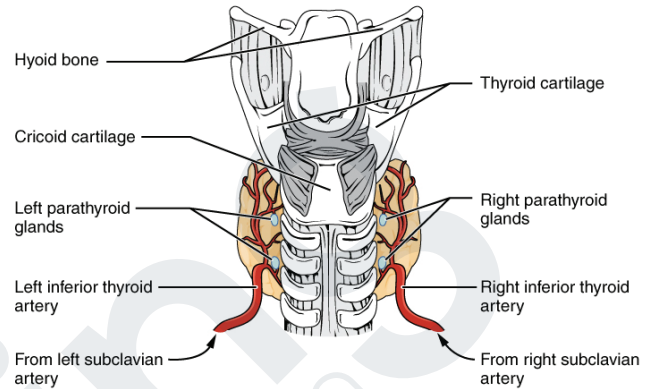
THYROID & PARATHYROID GLAND

Anterior Thyroid Gland



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Posterior Thyroid & Parathyroid Glands



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Thyroid Gland Hormones

- Triiodothyronine (T₃)
 - Short duration of activity
 - Responds quickly
 - Stimulated by TSH
- Tetraiodothyronine (T₄)
 - Long duration of activity
 - Responds slowly
 - Stimulated by TSH
- Calcitonin
 - Responds to calcium levels in blood
 - If blood calcium ↑
 - Calcitonin is released
 - Osteoclasts production ↓
 - ↓ in blood calcium

Parathyroid Gland Hormones

- Parathormone (Parathyroid Hormone)
 - Responds to calcium levels in blood
 - If blood calcium ↓
 - Parathormone is released
 - Osteoclasts production ↑
 - ↑ in blood calcium