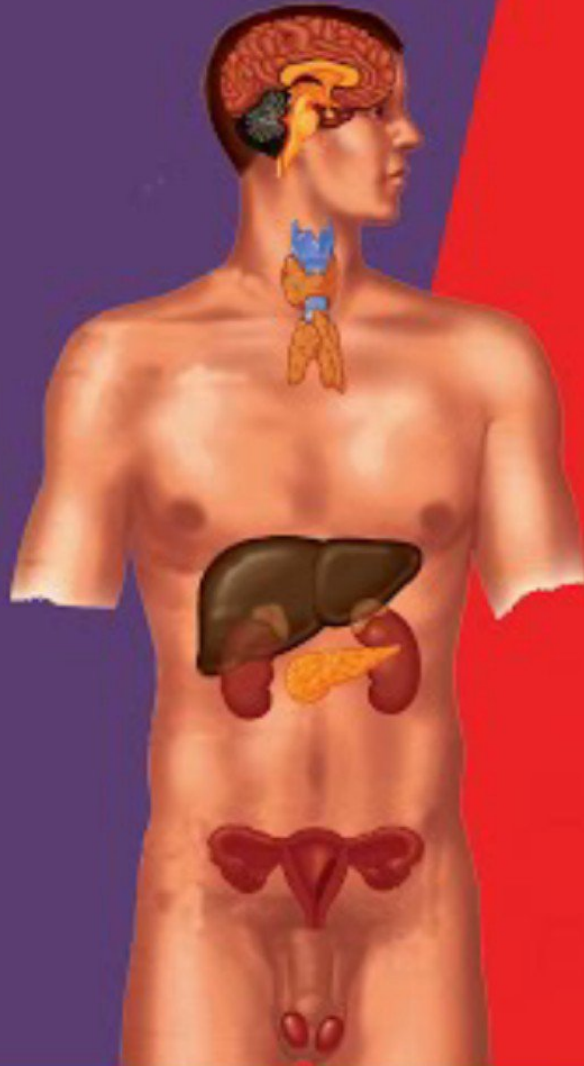


Endocrine System

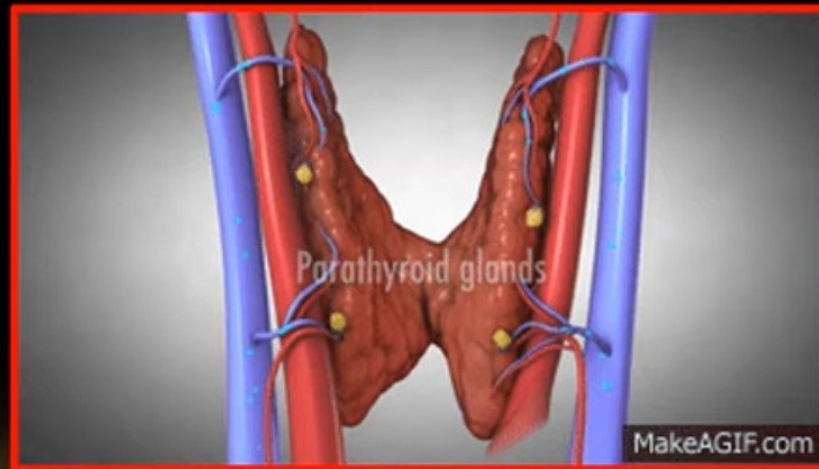


3

Parathyroid Gland

Parathyroid Gland

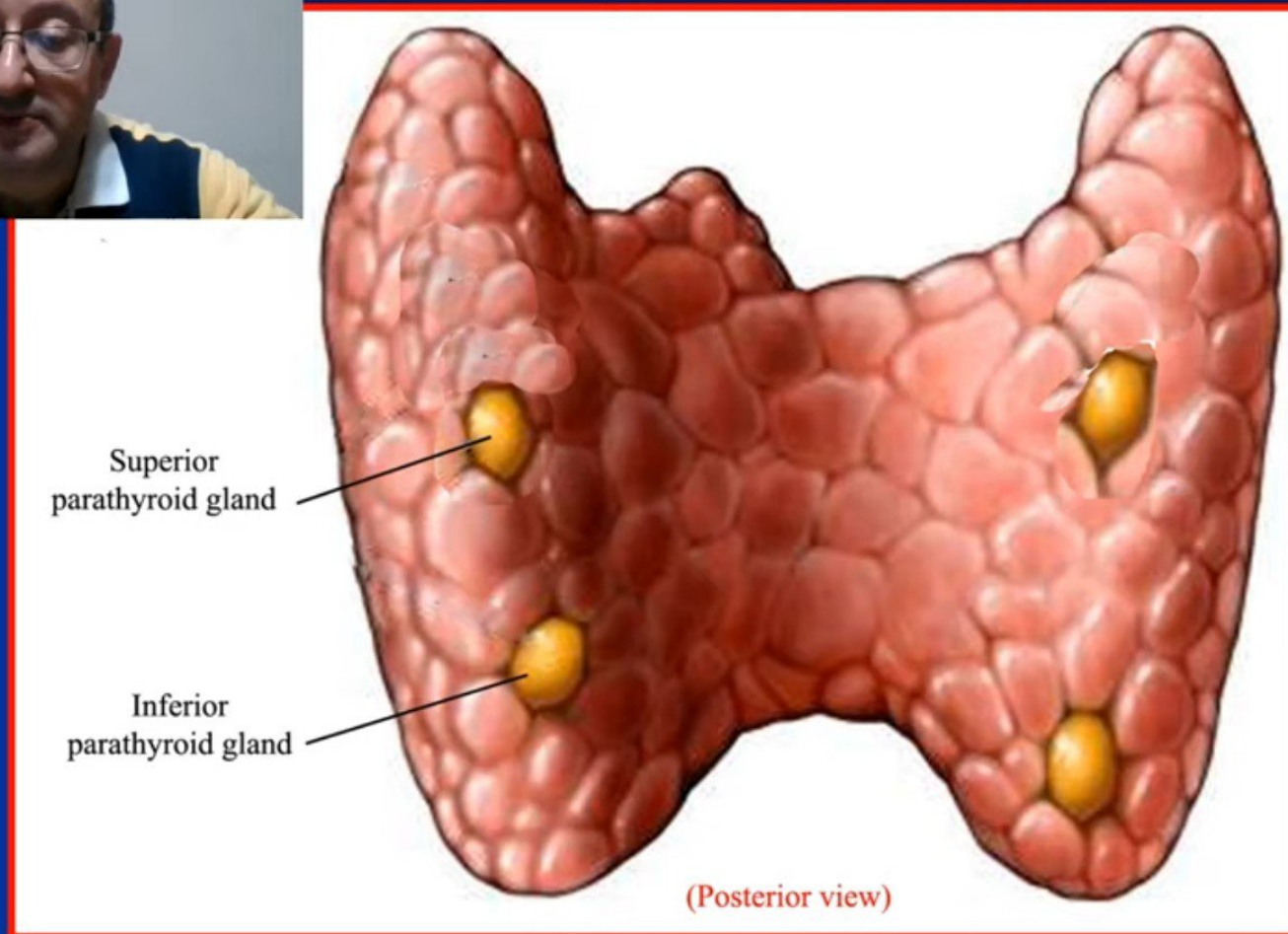
- ✓ Anatomy of parathyroid gland
- ✓ Development of parathyroid gland



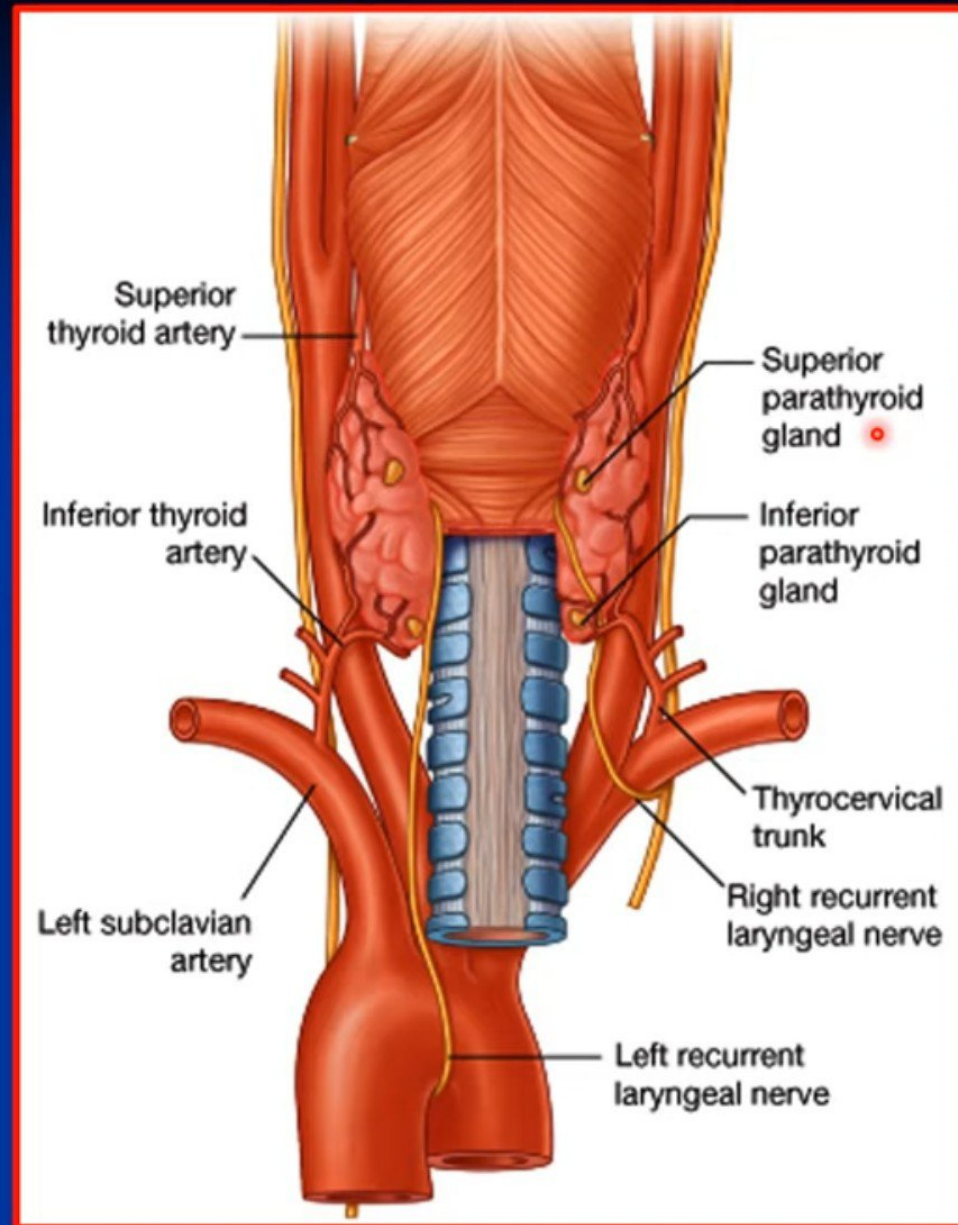
Anatomy of Parathyroid Gland



Number

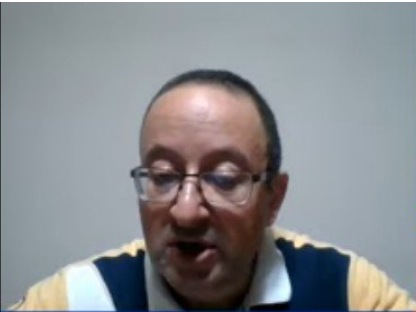


- ❑ There are 4 parathyroid glands (2 on each side) brownish-yellow in colour.
- ❑ They lie behind the lobes of the thyroid gland or may be embedded within it.

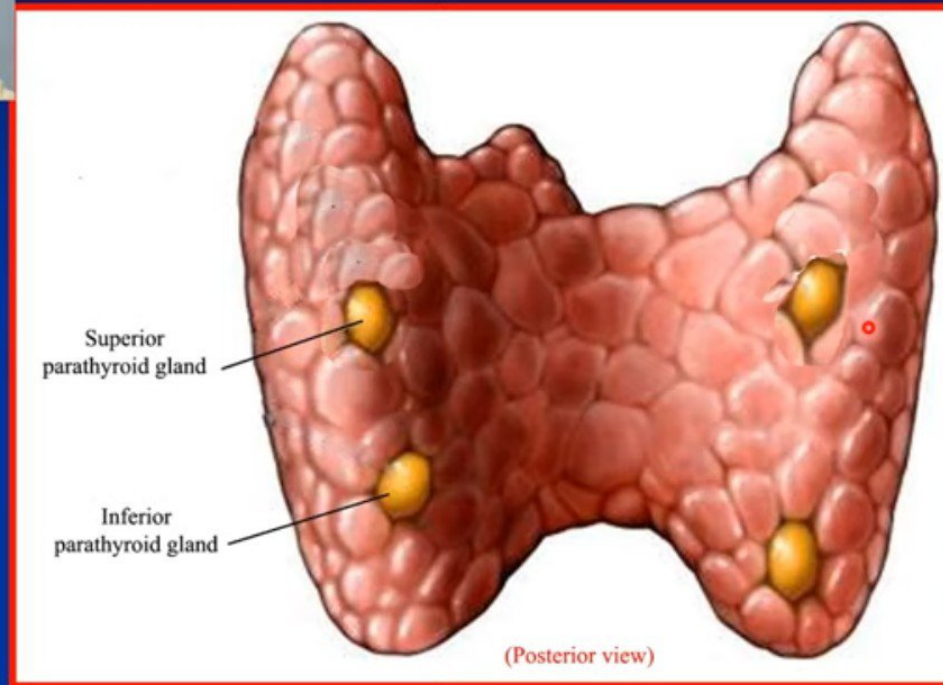


(Parathyroid glands)





Site

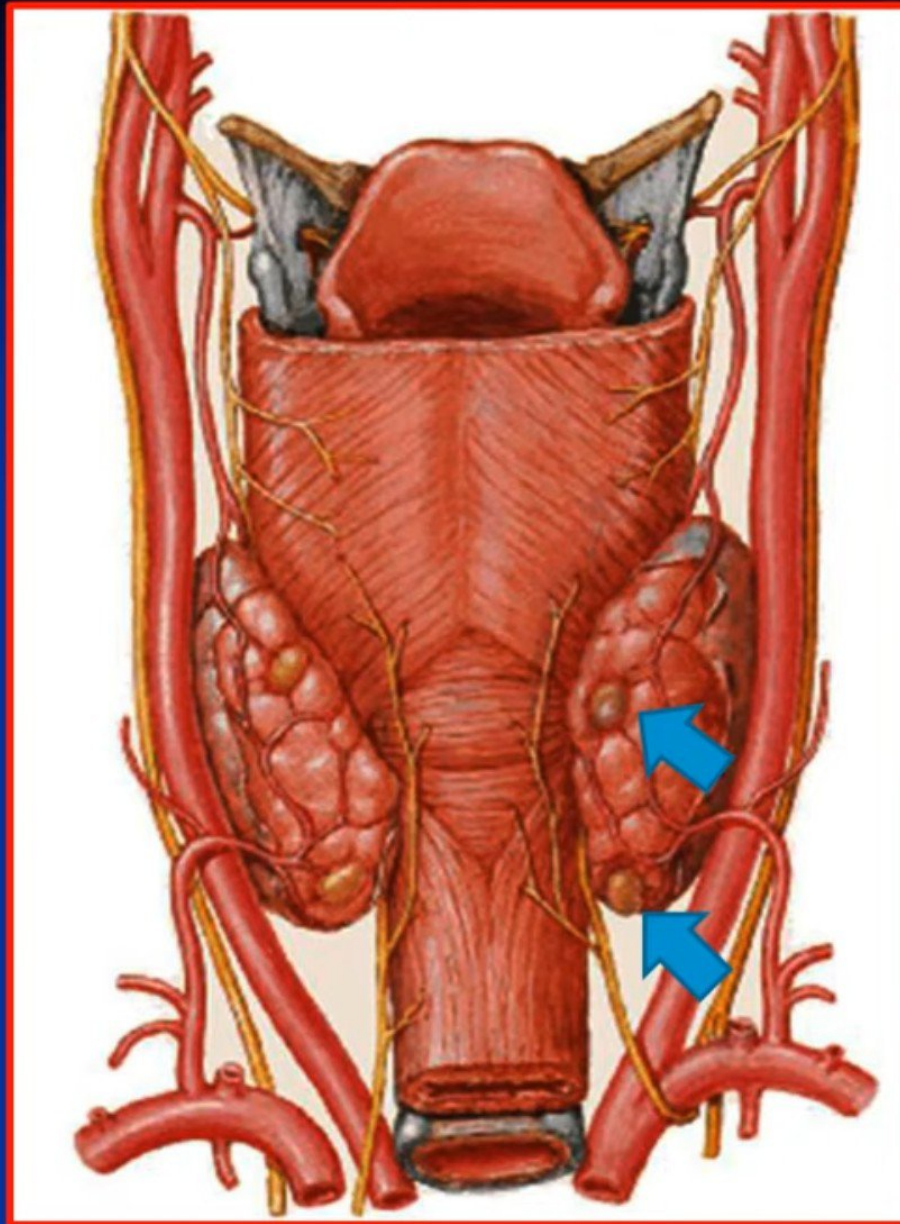


1. Superior parathyroid glands

- They are more constant in position.
- They lie within pretracheal fascia at the middle of the back of each thyroid lobe.

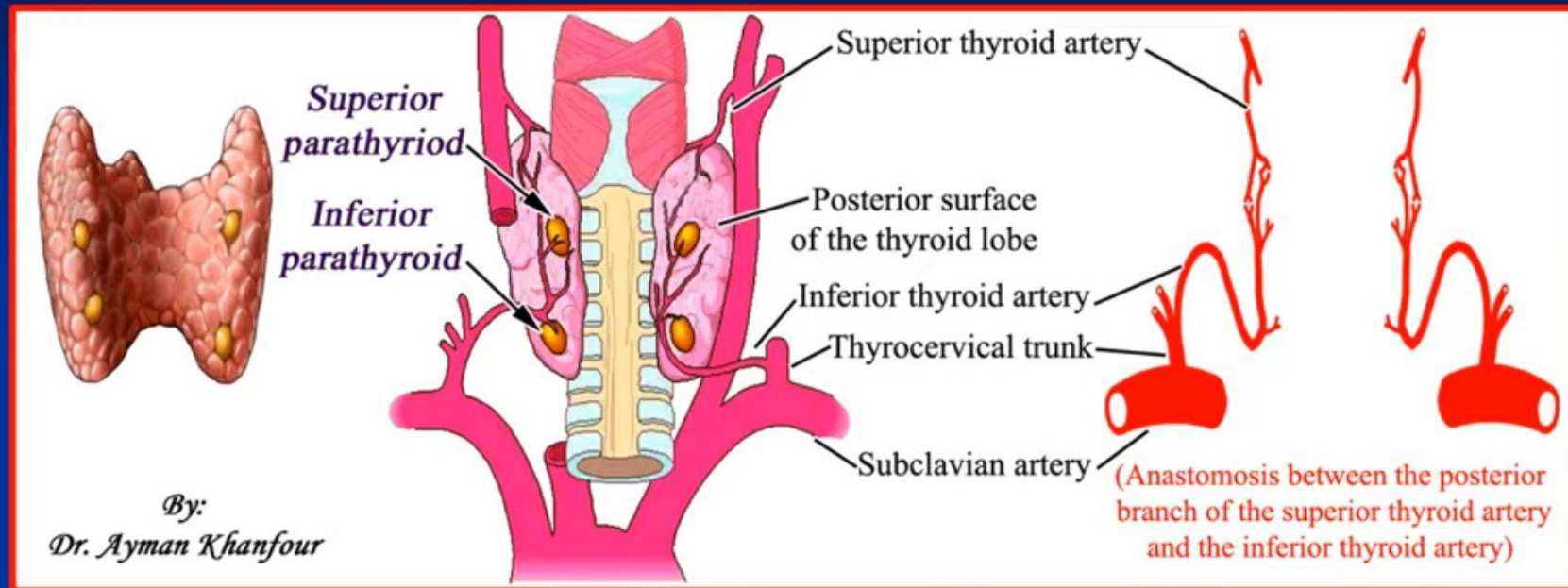
2. Inferior parathyroid glands

- They are of variable position.
- They lie behind the lower pole of the thyroid gland.



(Parathyroid glands)

Blood Supply

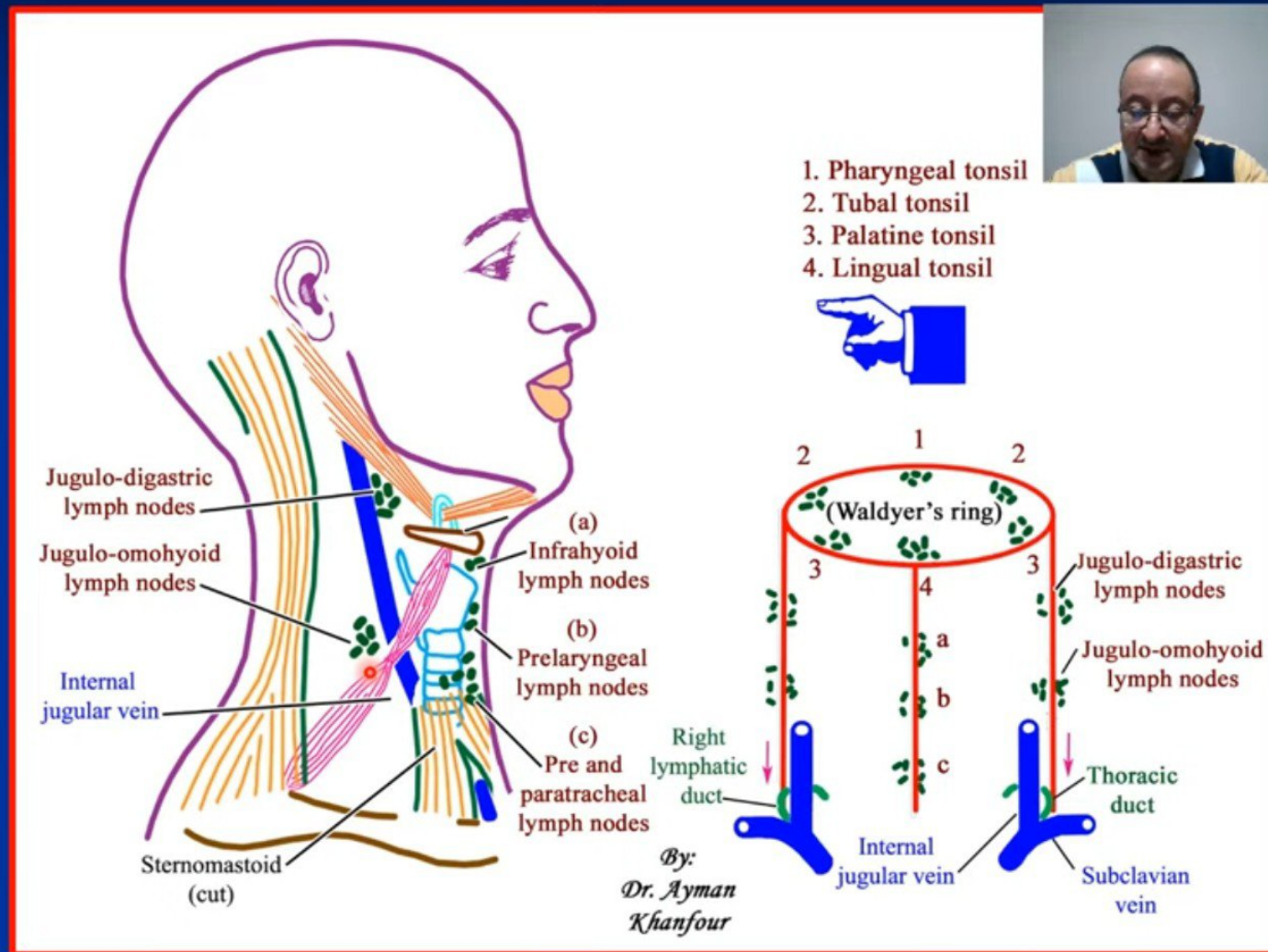


A: Arterial supply: Inferior thyroid artery

B. Venous drainage: Inferior thyroid veins.



Lymphatic Drainage



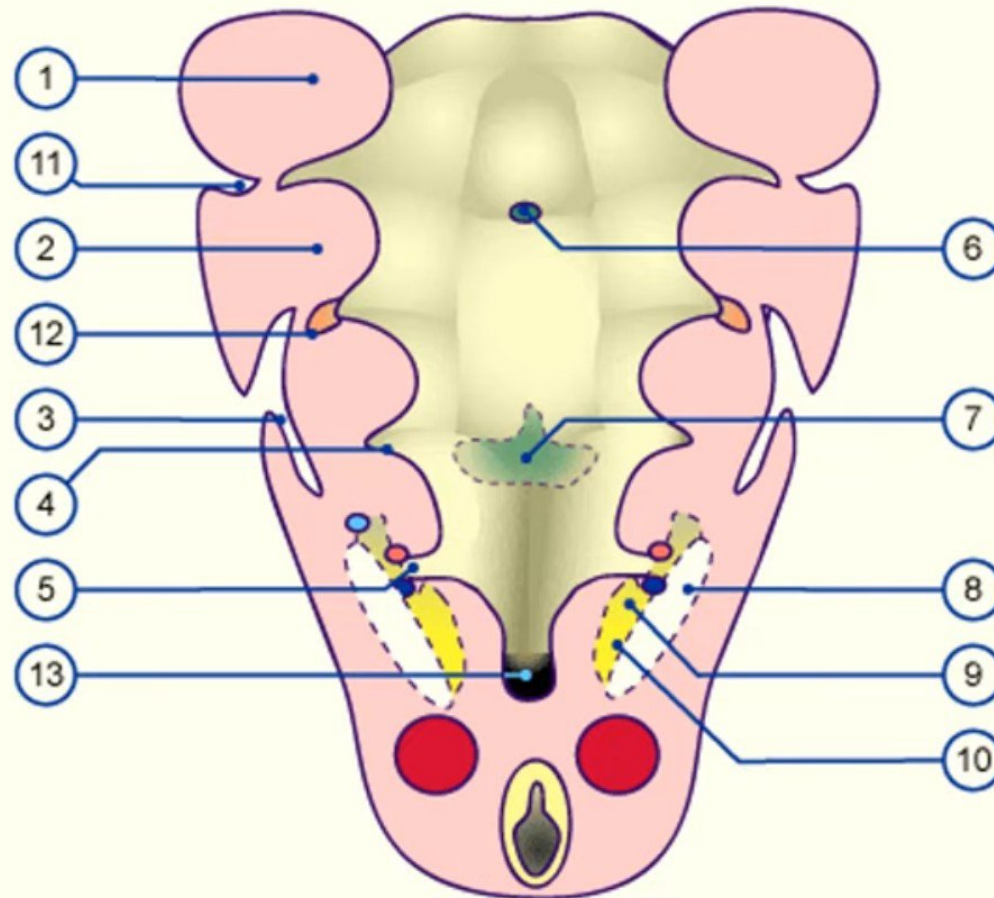
- Into the lower deep cervical and para-tracheal lymph nodes.

Development of Parathyroid Gland





Embryological Origin



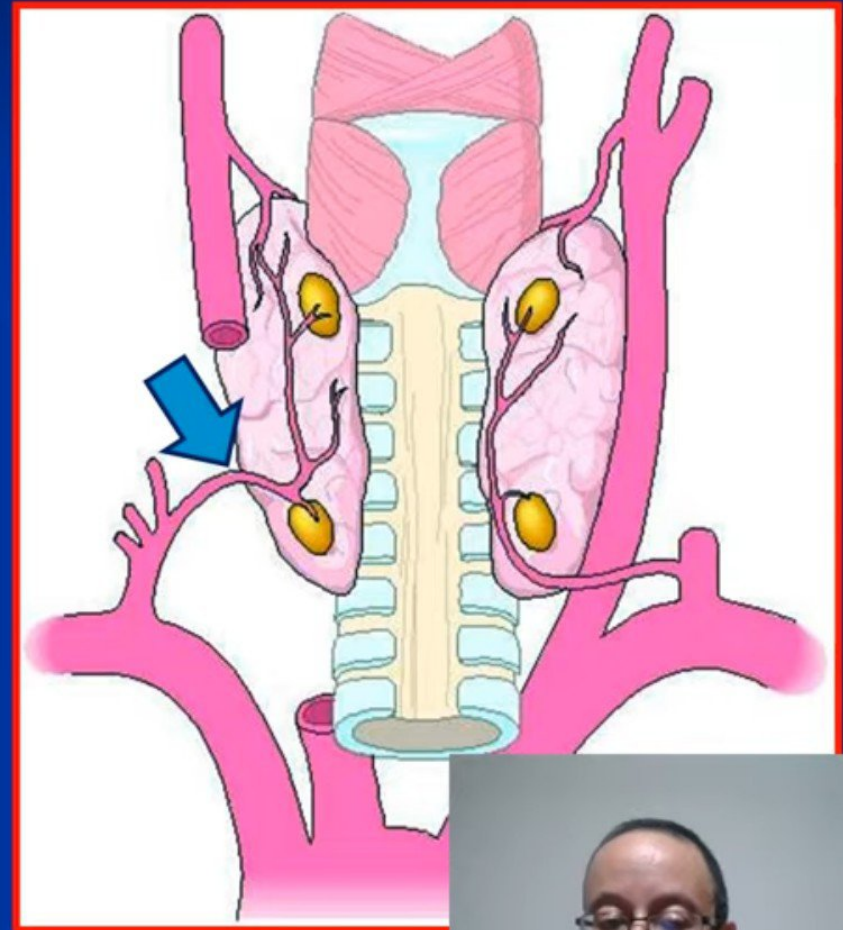
a. Superior parathyroid gland: Fourth pharyngeal pouch

b. Inferior parathyroid gland: Third pharyngeal pouch

❖ Identify the pointed structure?

□ Answer:

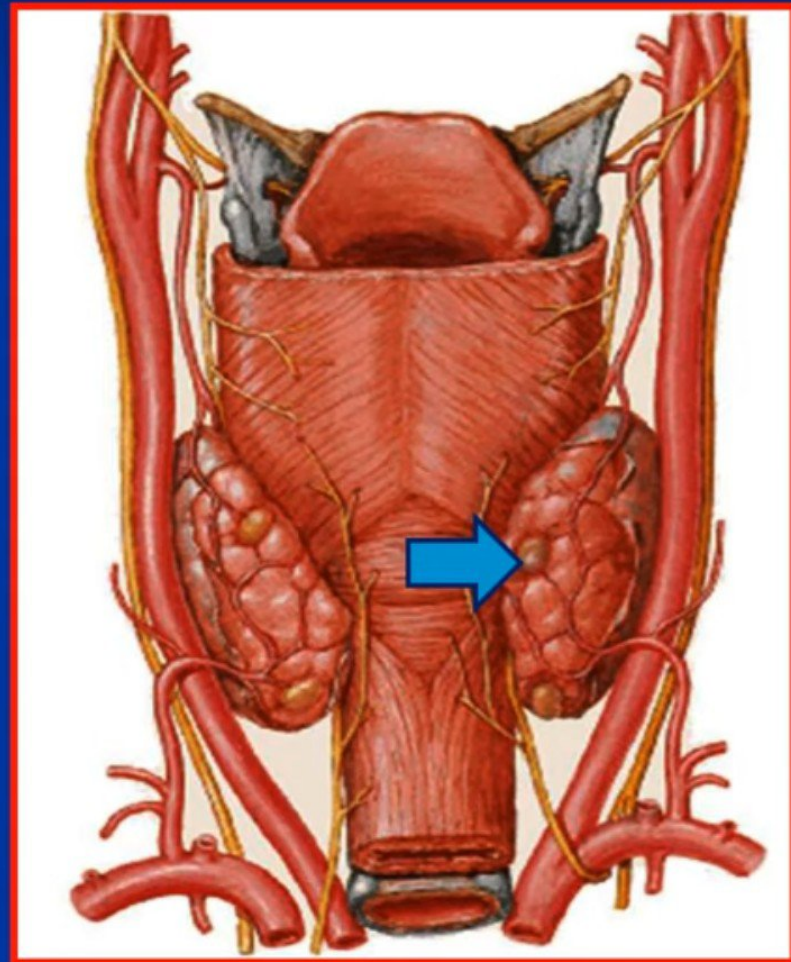
- Inferior thyroid artery



❖ Identify the pointed structure?

□ Answer:

- Superior parathyroid gland



Question 1

A patient complains tetanic contractions (cramps and carpopedal spasm) in the postoperative period of thyroidectomy. What is your provisional diagnosis?



Question 2

During thyroidectomy operation, if the surgeon discovered that he removed parathyroid accidentally. What should he do in this iatrogenic mistake?



الردود

Omneya Abd El salam • قبل سنتين

1. removal of parathyroid glands by mistake during thyroidectomy that leads to decrease level of calcium
2. autotransplantation of parathyroid glands within pretracheal fascia



16

إضافة رد...



Dr. Ayman Khanfour • قبل سنتين

ممتاز



4

Question 2

During thyroidectomy operation, if the surgeon discovered that he removed parathyroid accidentally. What should he do in this iatrogenic mistake?

18,942 مشاهدة قبل سنتين 7a. Endocrine system (Lectures) ...المزيد

52.8 ألف Dr. Ayman Khanfour



تم حفظ الفيديو.

تم تنزيله

مشاركة



410



36 التعليقات

إضافة تعليق...

