



Thyroid and Parathyroid gland

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Intended Learning Outcomes (ILOs)

- 1. Identify the shape and position of thyroid gland.**
- 2. Recognize the relations of the thyroid gland.**
- 3. Identify the blood supply of thyroid gland.**



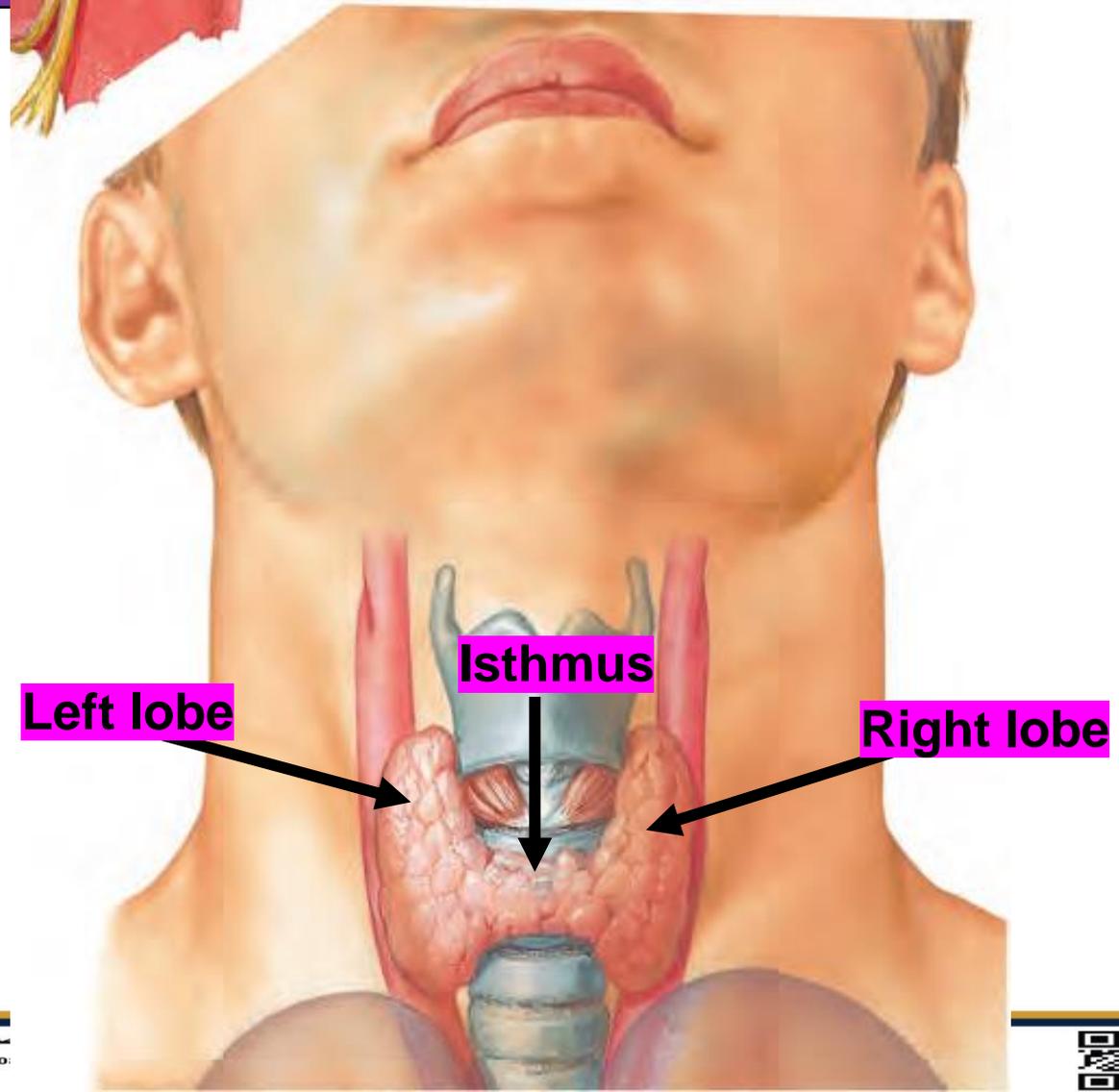
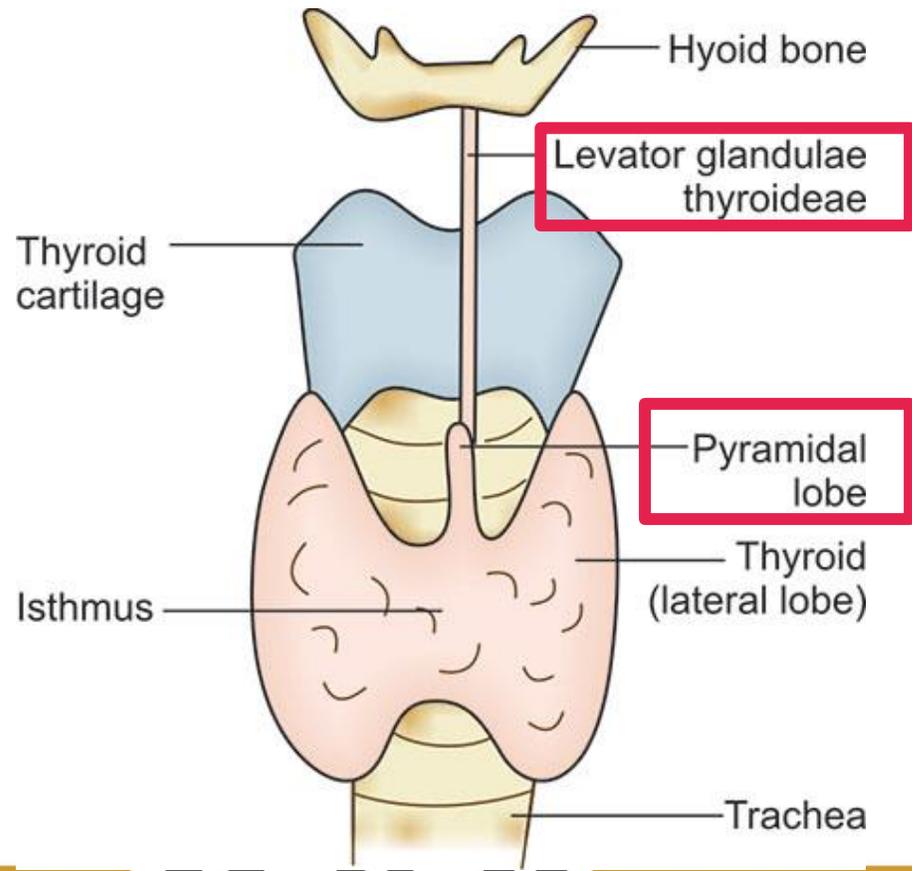
Agenda

- 1. What is the shape of thyroid gland?**
- 2. What is the relations of the thyroid gland?**
- 3. Mention blood supply of thyroid gland.**



Thyroid gland

Structure of thyroid gland:



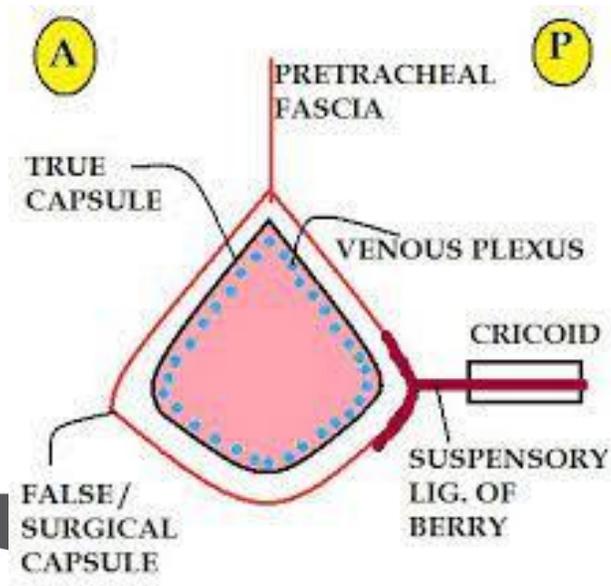
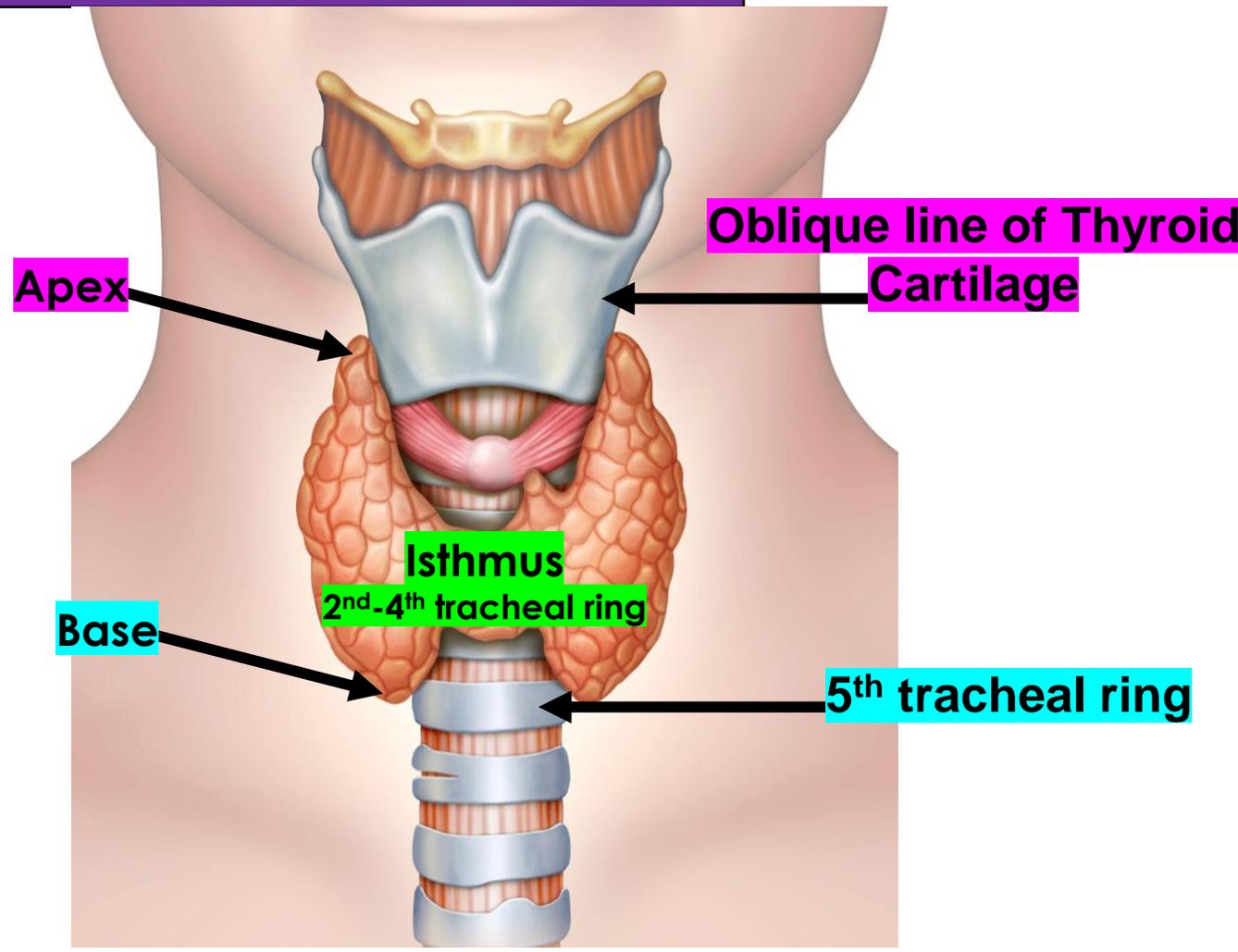
Thyroid gland

Shape & size of thyroid gland:

- Butterfly in shape
- 25 grams.

Site & Extension of thyroid gland:

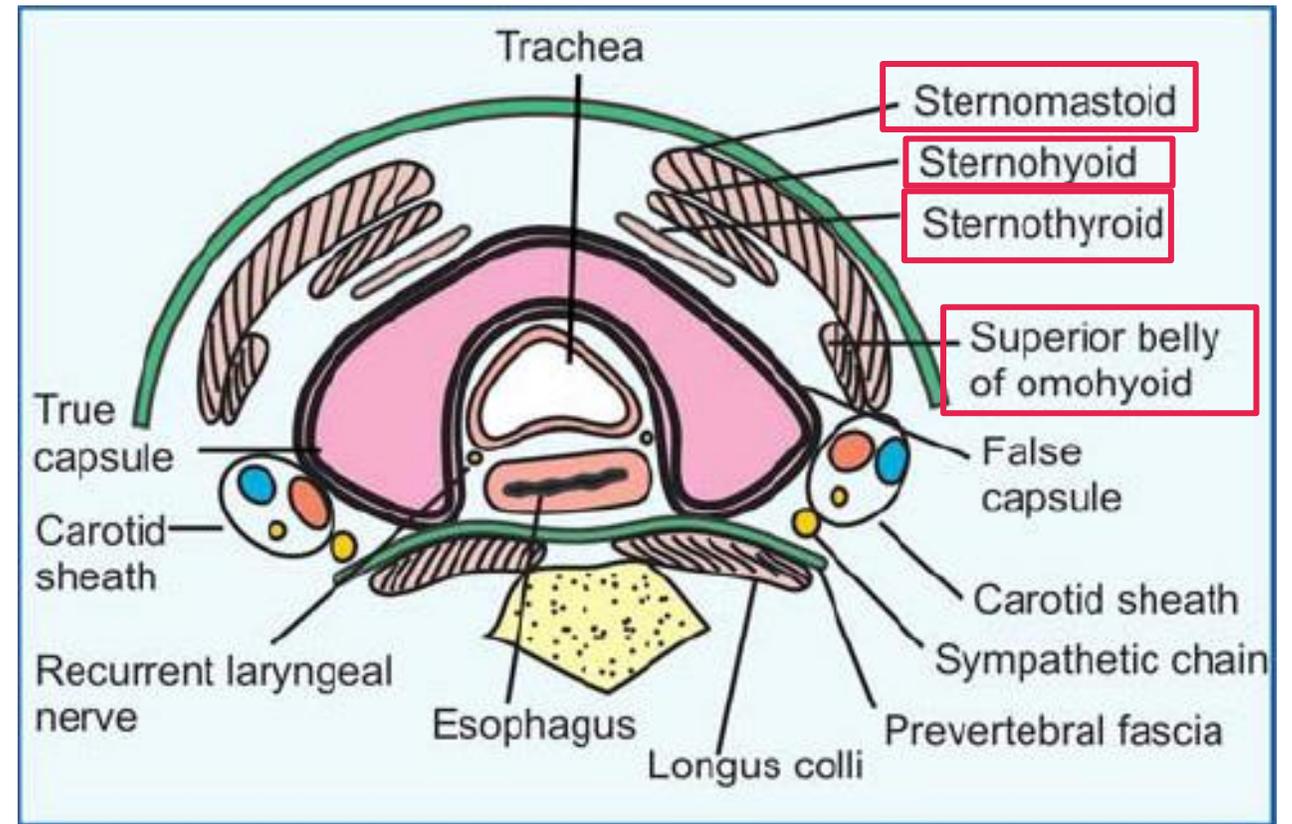
Capsules of thyroid gland:



Thyroid gland

Relations of Anterolateral surface of thyroid gland:

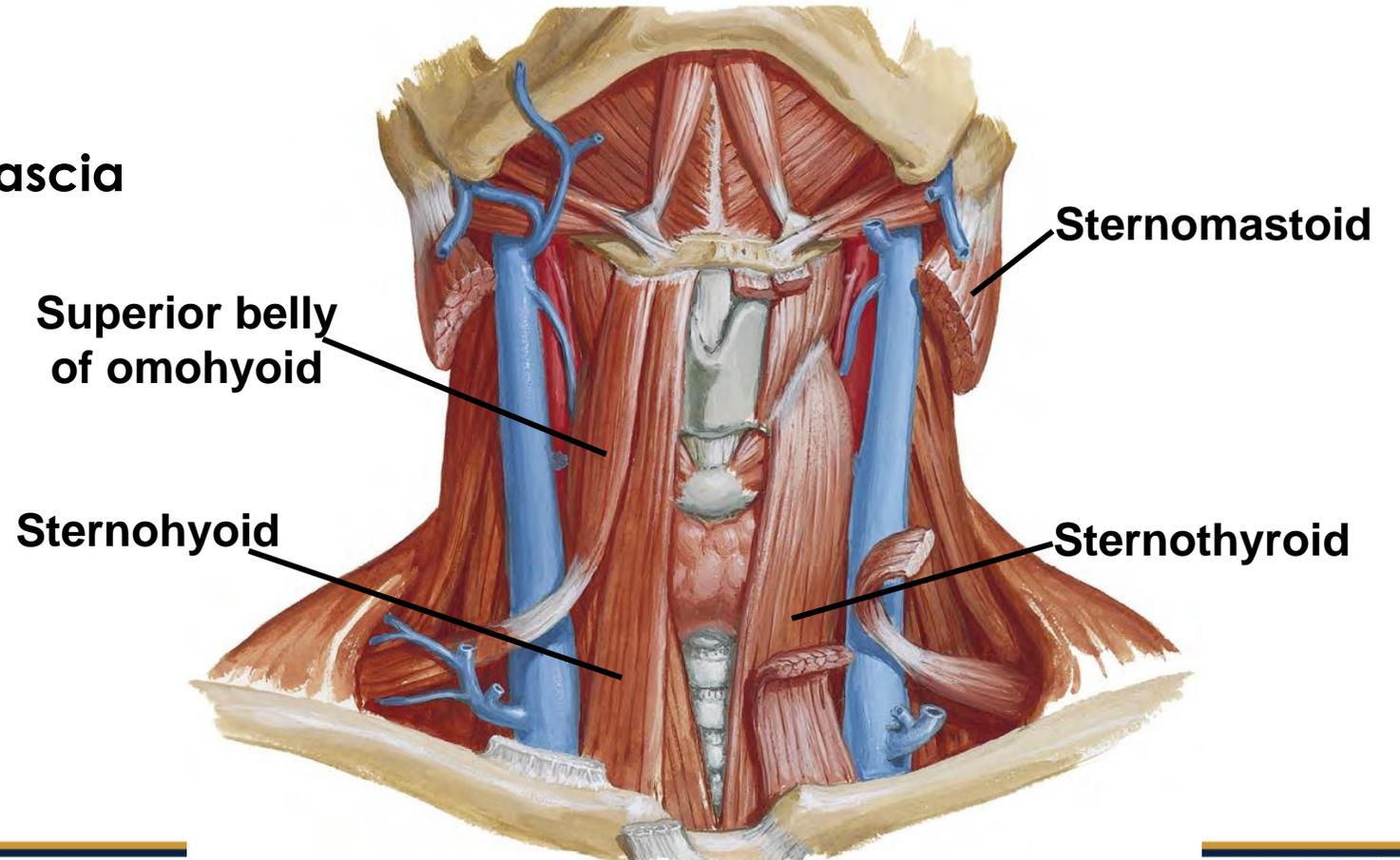
- 1) Skin, superficial fascia and deep fascia
- 2) Superior belly of omohyoid.
- 3) Sternohyoid, sternothyroid.
- 4) Sternomastoid.



Thyroid gland

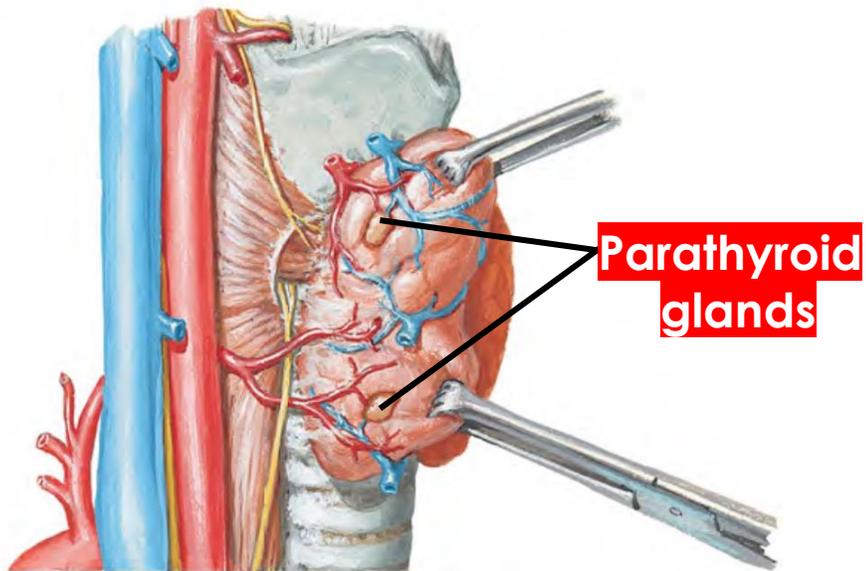
Relations of Anterolateral surface of thyroid gland:

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- 2) Superior belly of omohyoid.
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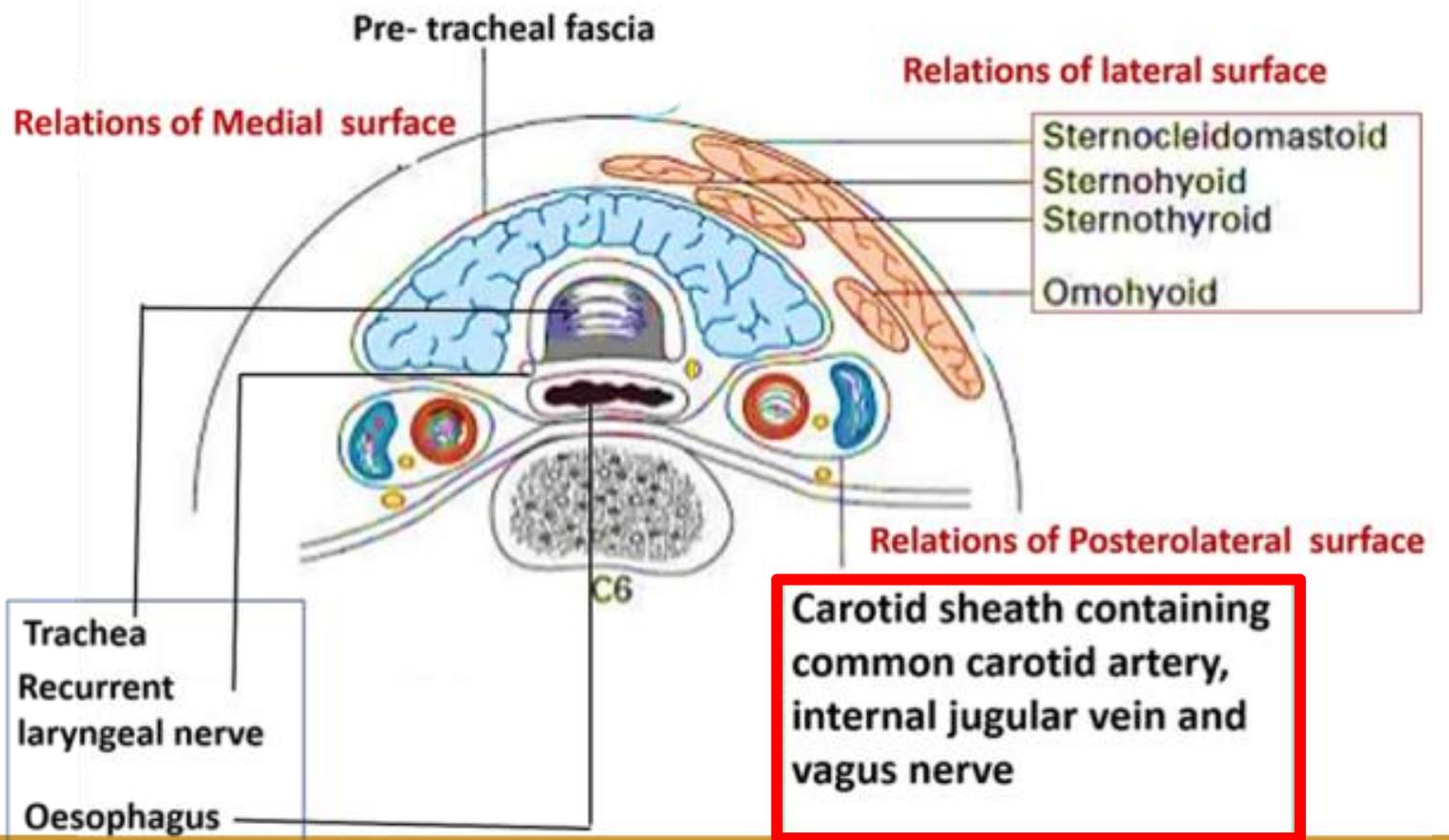


Thyroid gland

Relations of Posterior surface of thyroid gland:



Parathyroid glands



Thyroid gland

Upper part

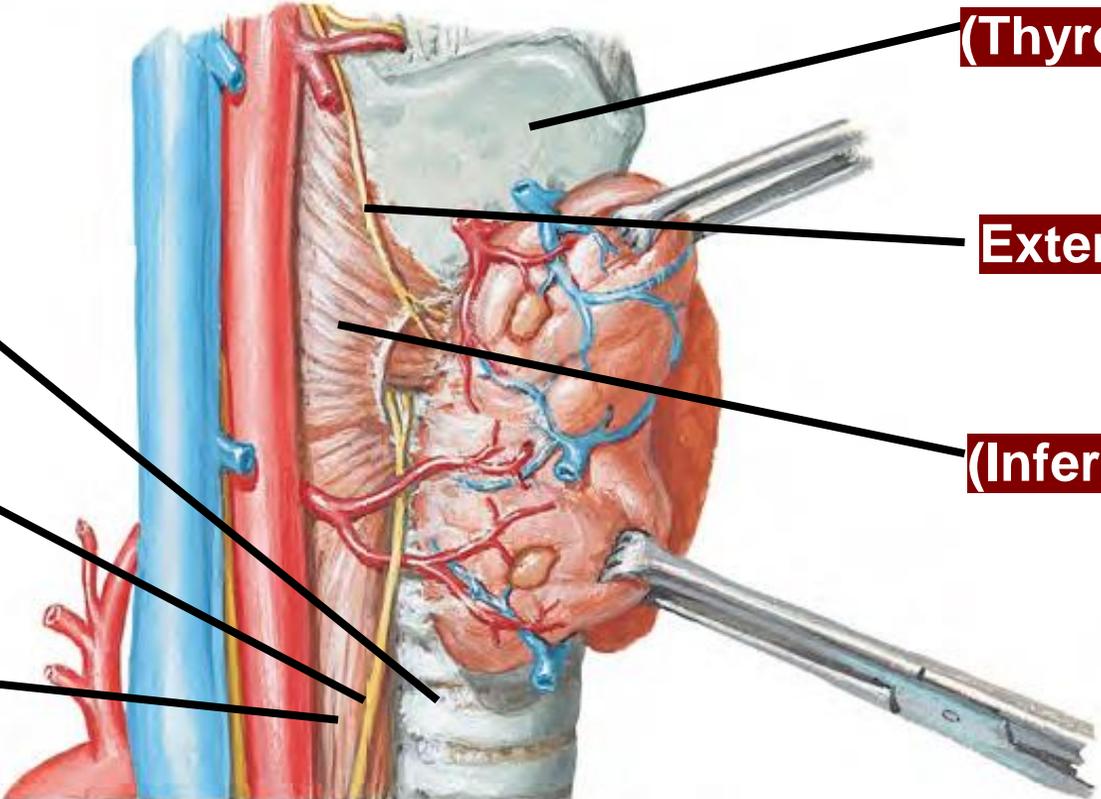
Larynx

(Thyroid cartilage)

External laryngeal nerve

Pharynx

(Inferior constrictor)



Trachea

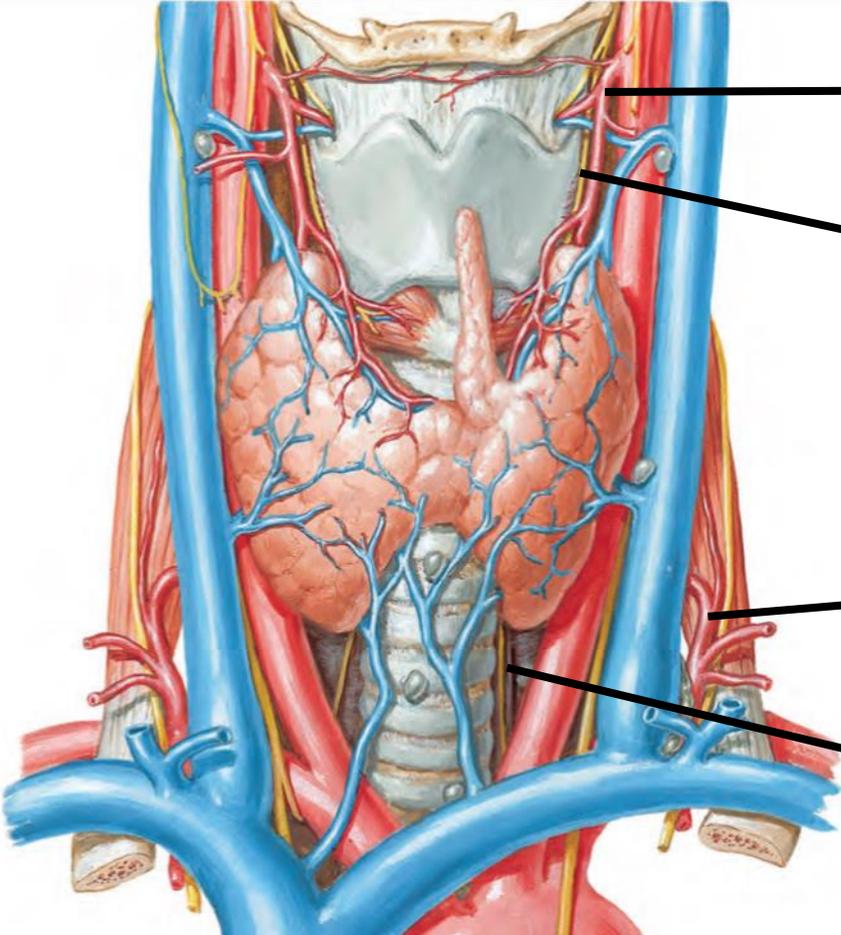
Recurrent laryngeal nerve

Esophagus

Lower part

Thyroid gland

Arterial supply of thyroid gland:

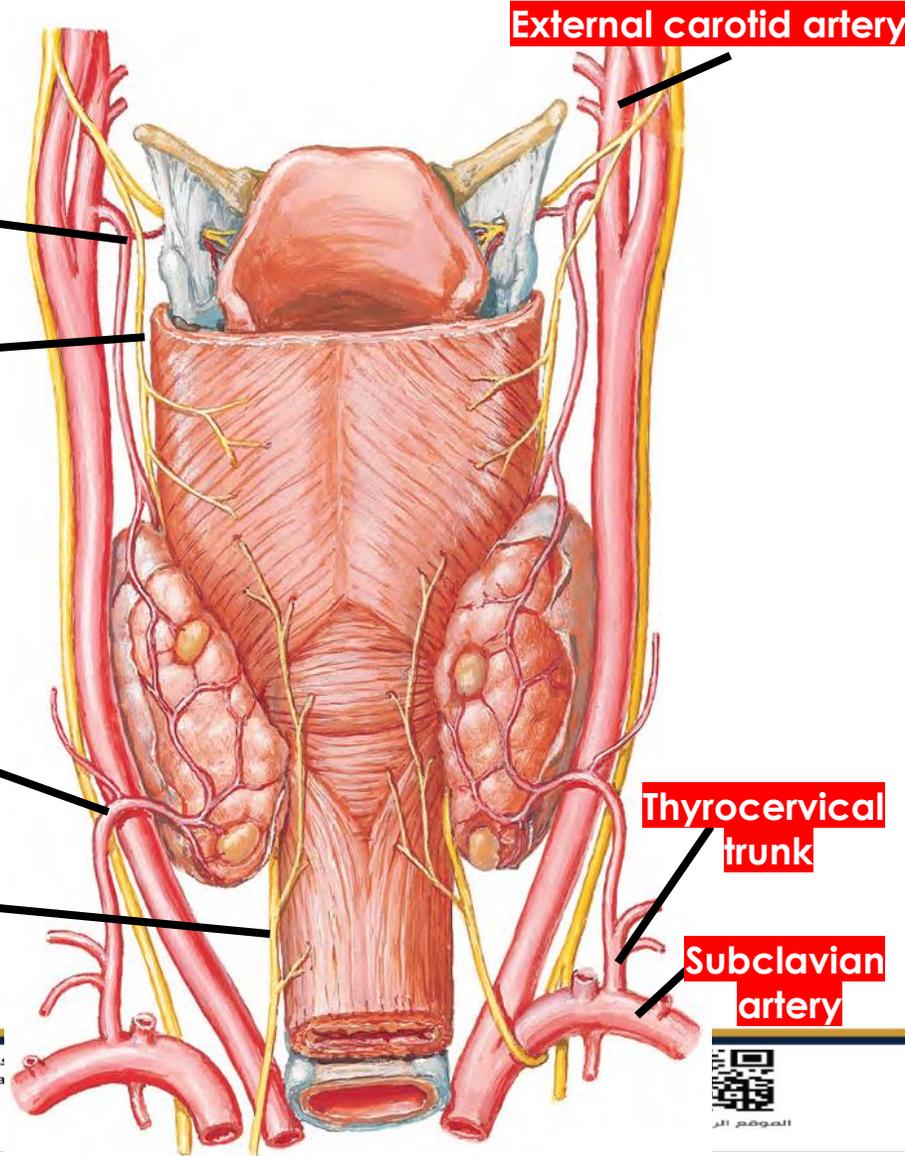


Superior thyroid artery

External laryngeal nerve

Inferior thyroid artery

Recurrent laryngeal nerve



External carotid artery

Thyrocervical trunk

Subclavian artery



Thyroid gland

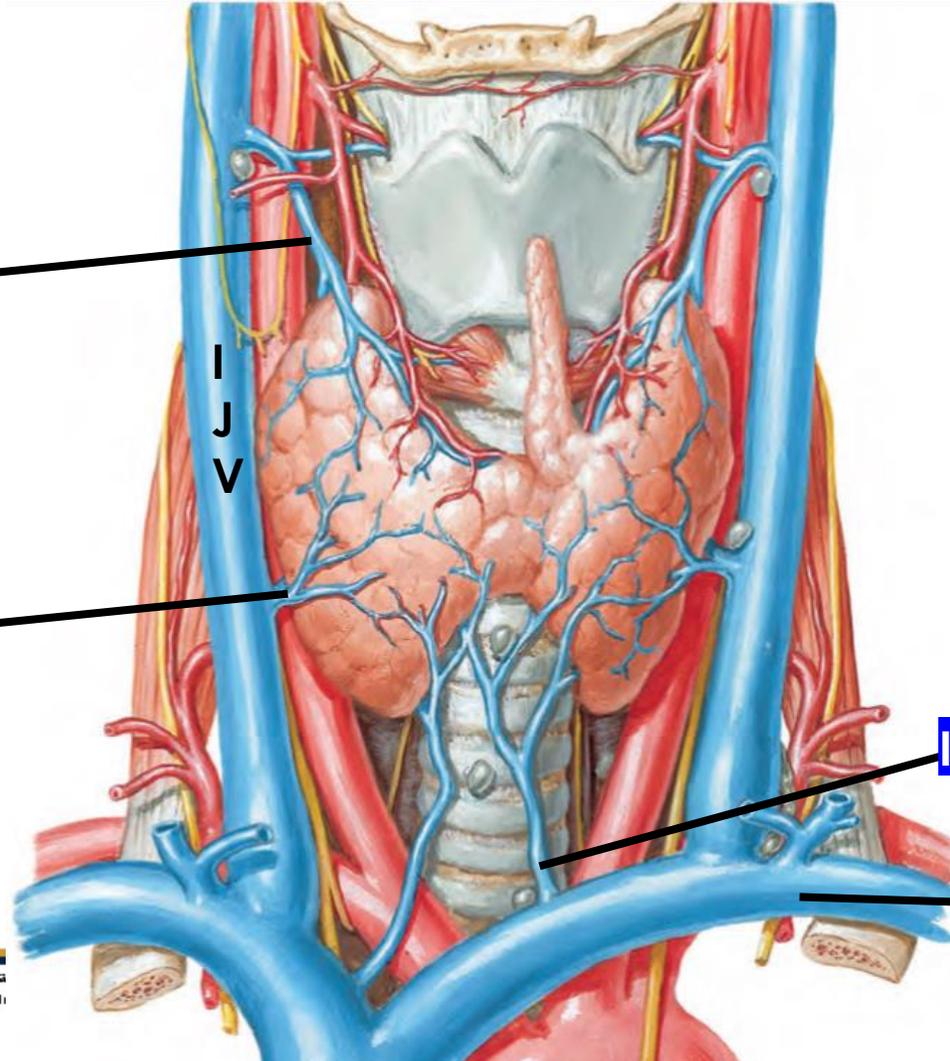
Venous drainage of thyroid gland:

Superior thyroid vein

Middle thyroid vein

Inferior thyroid vein

Brachiocephalic vein



Thank You!