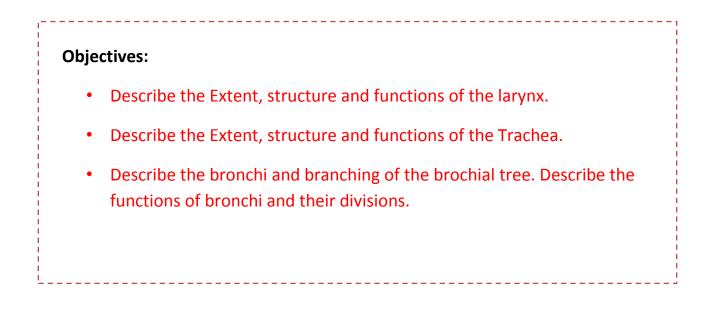


Anatomy of Larynx, Trachea & bronchi



تنويه : هذا العمل لا يعتبر مصدر أساسي للمذاكره ، وتم التأكد بأنه لايوجد أي اختلاف بين سلايد الأولاد والبنات ..

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Note:

*The larynx function as Deglutition (swallowing) by closing it

*any injury of Carotid arteries , jugular veins, and vagus nerve, Superior and inferior thyroid arteries, Superior and recurrent laryngeal nerves will be associated with larynx .

*the main structure of the larynx <cartilage >

*the movement of the larynx associated with the movement of hyoid bone

*Thyroid= Adams apple

*Cricoid=ring shape<synovial joint>

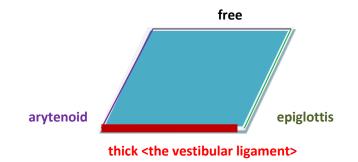
*Epiglottis =leaf shape

*Corniculate and Cuneiform=you can see them only on living body due to mucosa membrane

*the thickening of the Thyrohoid membrane called , median & lateral thyrohoid ligaments

* Cricothyroid is the only intrinsic muscle which found outside the larynx.

*Quadrangular membrane



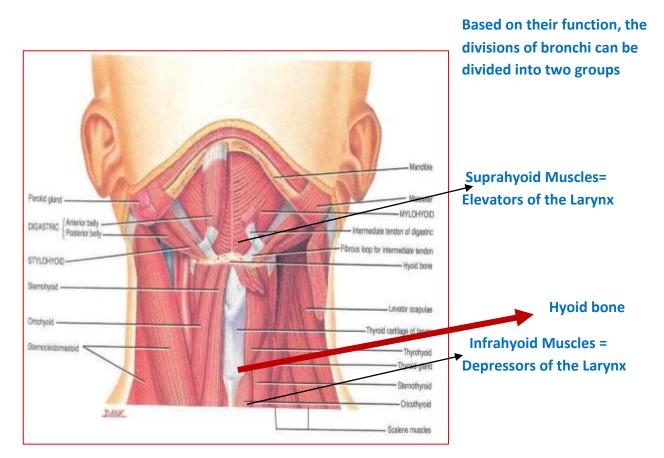
*Cricothyroid membrane (conus elasticus):



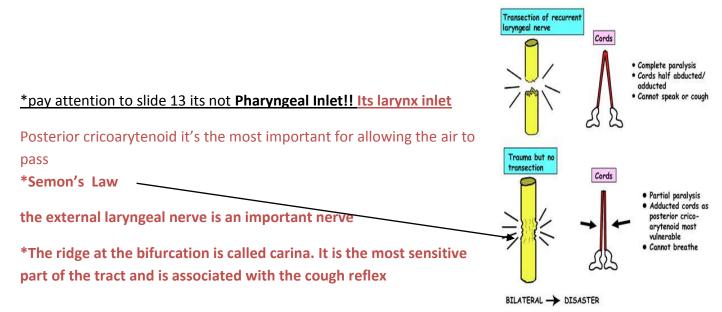
*Laryngeal Inlet is thick because it should be open all the time !*doctor *

*Narrowest in the region of the vocal folds (rima glottidis) (imp)

* Laryngeal Cavity it has different sizes .



• The bronchioles end in a cluster of thin walled alveoli.



UNILATERAL -> CAN PARTIALLY COMPENSATE

Right Principal Bronchus= Wider its most common place for foreign body

http://www.youtube.com/watch?v=Z3S2dD9BrSY

This is only in male slides:

You can remember_Suprahyoid Muscles as the word (MSGD) مسجد

- 1. Mylohyoid.
- 2. Stylohyoid.
- 3. Geniohyoid.
- 4. Digastric.

Quiz:

1-The long of the larynx is :

- A-2 inch B-3inch C-4inch **2-The larynx is related to:**
 - A-Carotid arteries B-jugular veins C-both

3-The larynx consists ofbasic components:

A-4 B-3 C-5

4- Epiglottis is formed of-cartilage:

A-elastic B-hyaline C-both 5-Quadrangular membrane Its lower free margin forms the :

A-vestibular ligament B-Vocal ligament C-Thyroepiglottic ligament

6-The free margin of cricothyroid membrane forms vocal ligament

A-upper B-Lower c-lateral

7-Narrowest in the region of the vocal folds

A-rima vestibule B-vestibule c-rima glottides

8-The part between the vestibular & the vocal folds, is called the:

A-ventricle B-rima glottidis C-rima vestibule

9-The surface of vocal folds:

- A- ciliated columnar epithelium
- B- stratified squamous epithelium
- C- both

10-which one is considers as Depressors of the Larynx

- a- Stylopharyngeus
- b- Geniohyoid
- c- Sternohyoid

11-Muscle Controlling the larunx Inlet:

- a- Oblique arytenoid
- **b-** Aryepiglottic muscle
- **c-** both

12-Thyroarytenoid (vocalis) :

- a- decreasing the Length & Tension of Vocal Cords
- b- increasing the Length & Tension of Vocal Cords
- c- both

13-which one is more important :

- a- Lateral cricoarytenoid
- **b-** Transverse arytenoid
- c- Posterior cricoarytenoid

14-the most sensitive part of the tract and is associated with the cough reflex:

A-carina b-volac c-primary bronchi

15-The cricothyroid muscle is supplied by the:

- a-the external laryngeal nerve
- b- Recurrent laryngeal nerve
- c-Internal laryngeal nerve,

16-In the trachea The ridge at the bifurcation is called :

A-carina

b-volac c-primary bronchi

17-Relations of Trachea in the Superior Mediastinum "left"

a- Left vagus nerve b-Pleura c-both

18-the.....supply sensory fibers to the mucous membrane:

a-vagus nerve b-the recurrent laryngeal nerve c-both

19-Gives superior lobar bronchus before entering the hilum of the right lung:

a-Right Principal Bronchus b-Left Principal Bronchus c-both

20-Based on their function, the divisions of bronchi can be divided into.....groups :

a-2 b-3 c-4

Q	Answer
1	A
2	С
3	A
4	A
5	A
6	A
7	С
8	A
9	В
10	С
11	С
12	A
13	С
14	A
15	A
16	A
17	С
18	С
19	A
20	A