

MUNI
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Respiratory system

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Department of Anatomy

Upper respiratory tract

Cavum nasi

Pharynx

Lower respiratory tract

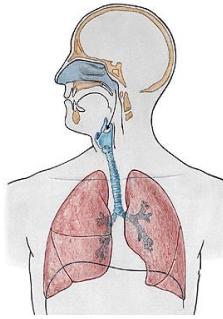
Larynx

Trachea

Bronchi

Respiratory organ

Lungs



External nose



Nasal cartilages

Cartilago septi nasi

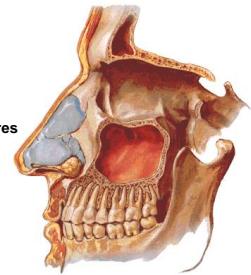
Cartilago nasi lateralis

Cartilago alaris major

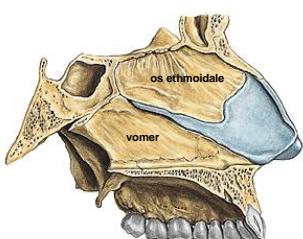
Cartilagine alares minores

Cartilagine nasales
accessoriae

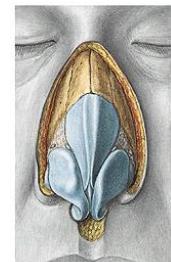
Cartilago vomeronasalis

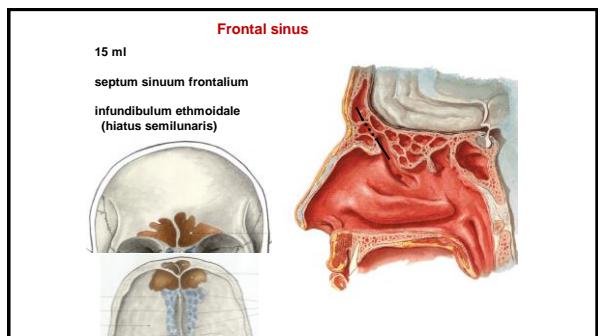
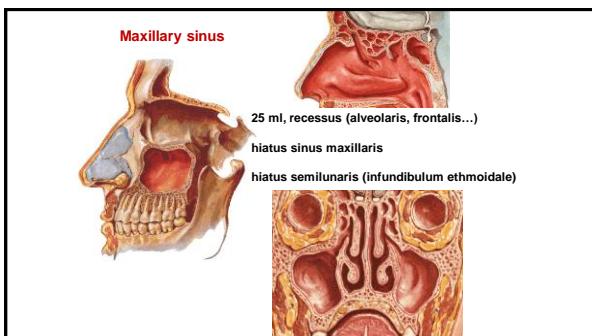
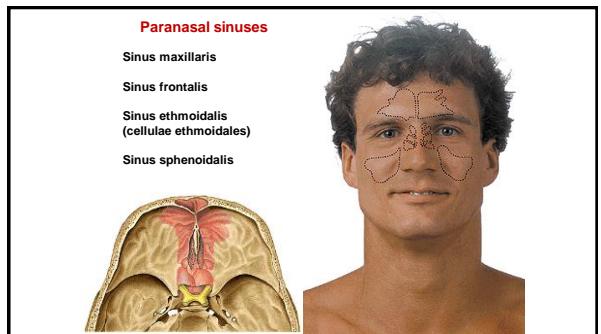
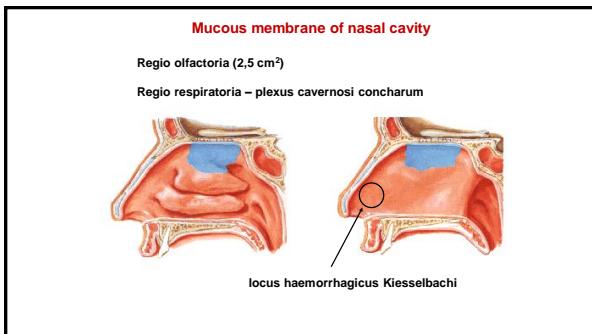
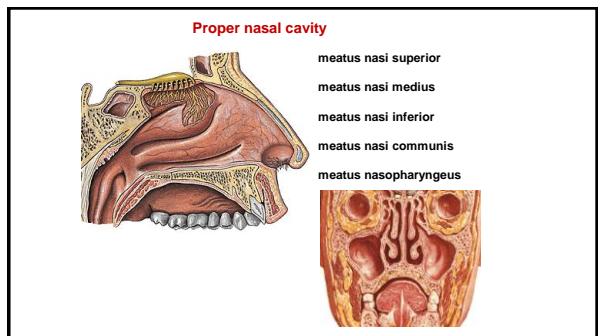
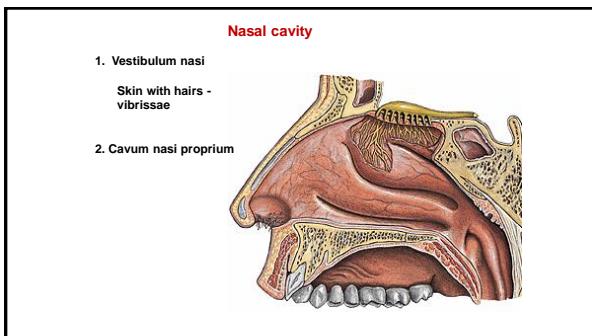


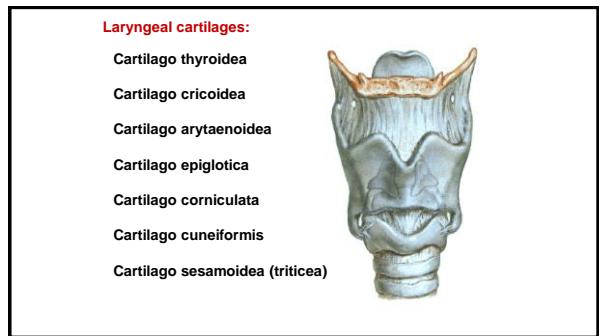
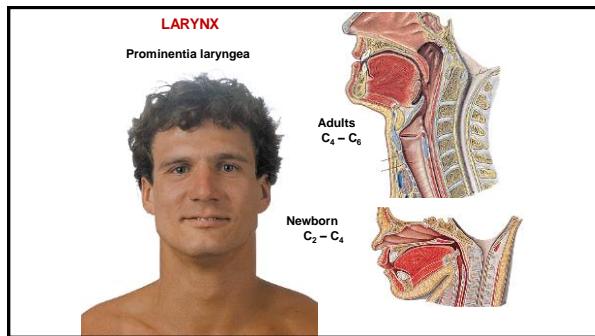
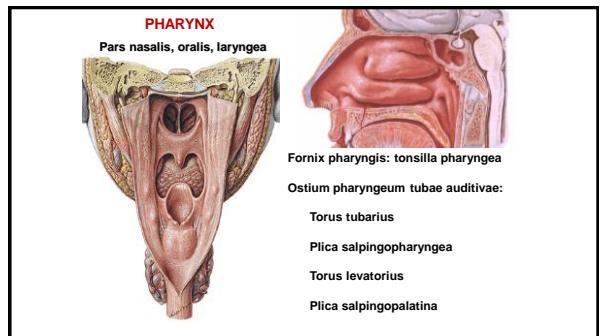
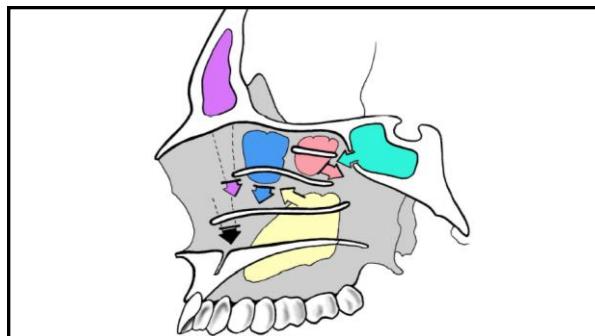
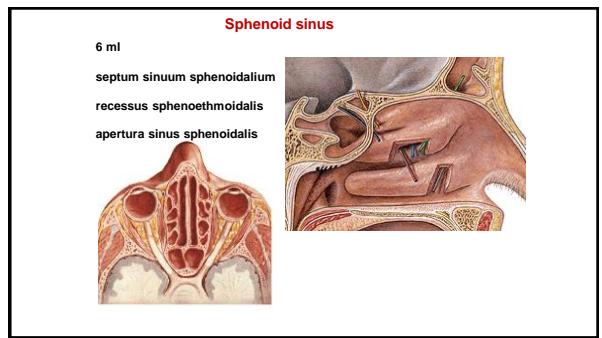
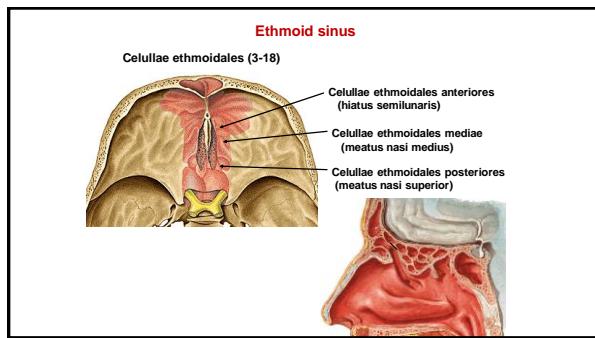
Septal cartilage

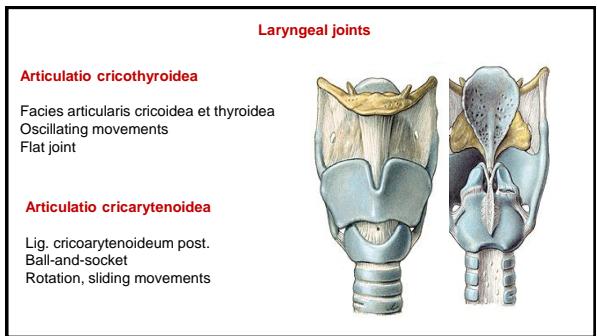
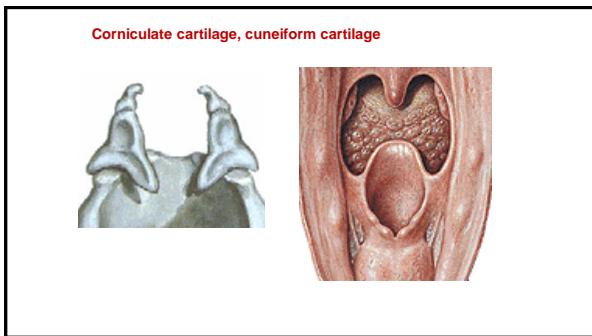
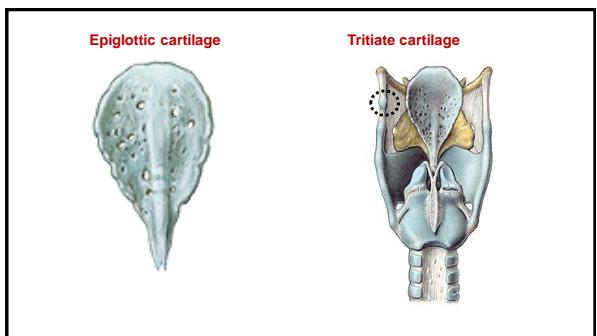
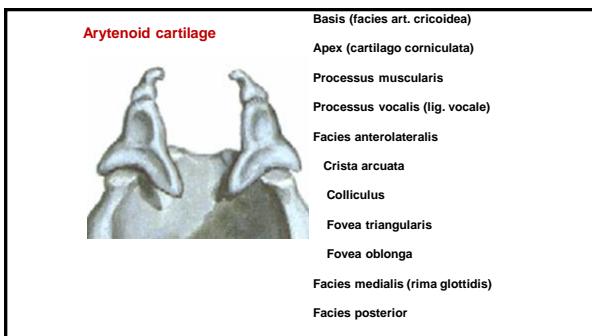
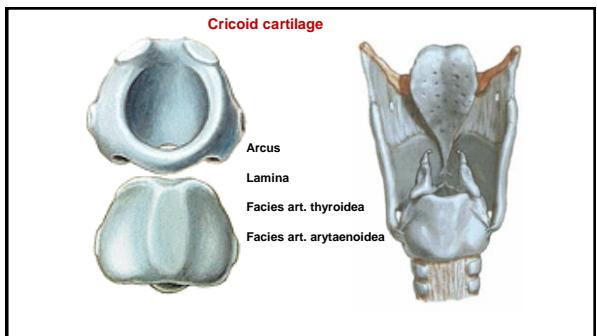
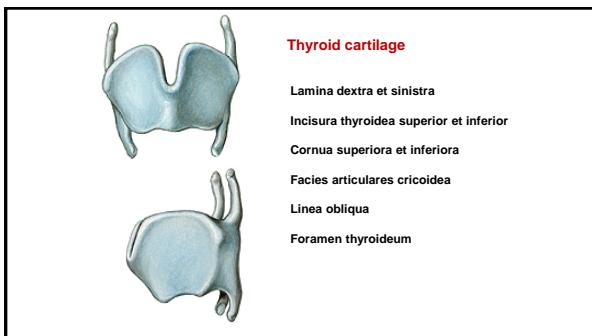


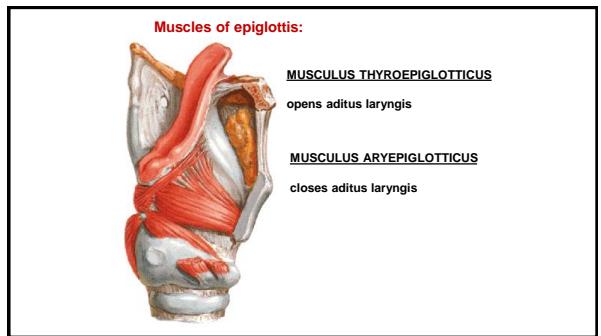
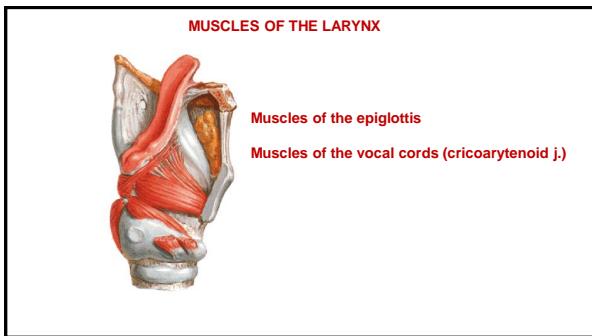
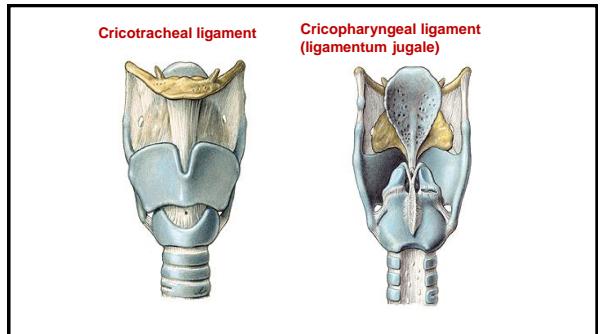
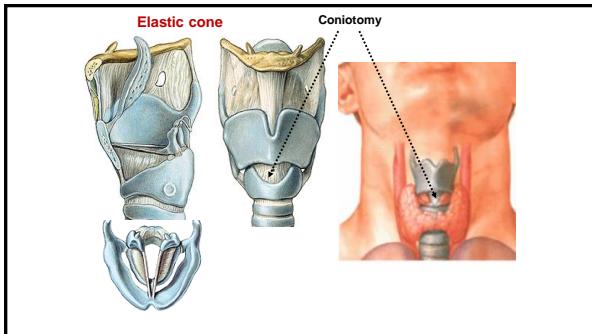
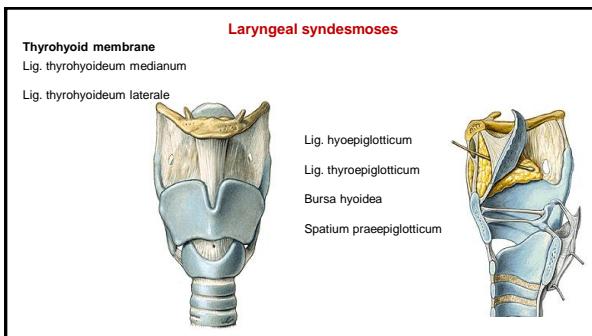
Lateral nasal cartilage



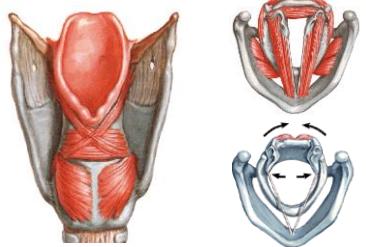




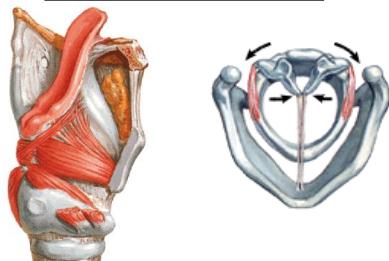




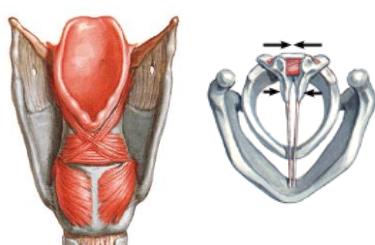
Abductors of rima glottidis - respiratory position
MUSCULUS CRICOARYTENOIDEUS POSTERIOR (POSTICUS)



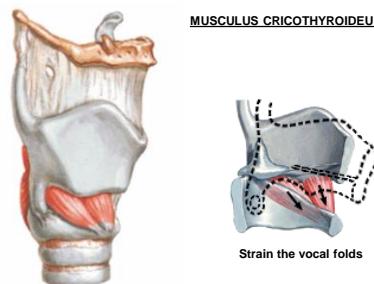
Adductors of rima glottidis – phonatory position
MUSCULUS CRICOARYTENOIDEUS LATERALIS



MUSCULUS ARYTAENOIDEUS (TRANSVERSUS, OBLIQUUS)

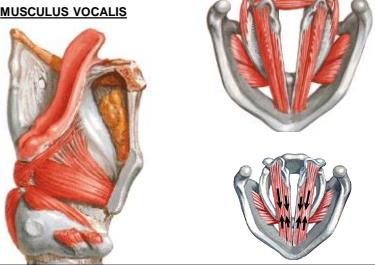


Tensors of vocal folds
MUSCULUS CRICOTHYROIDEUS

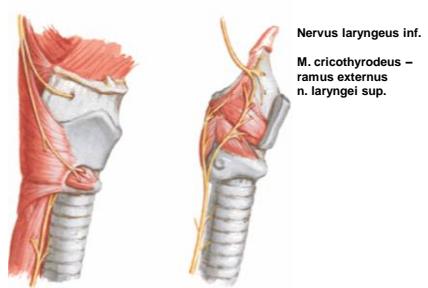


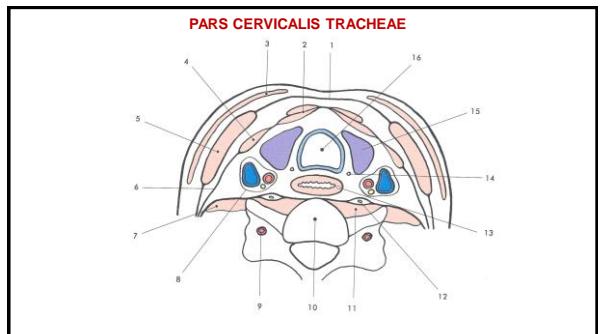
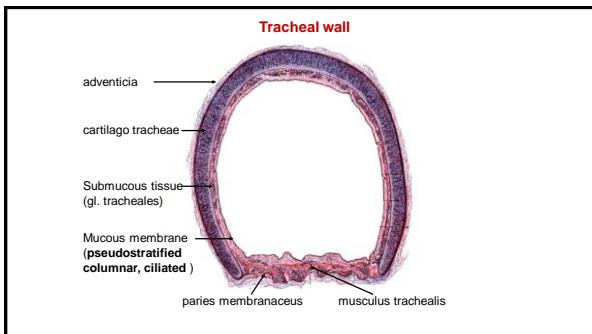
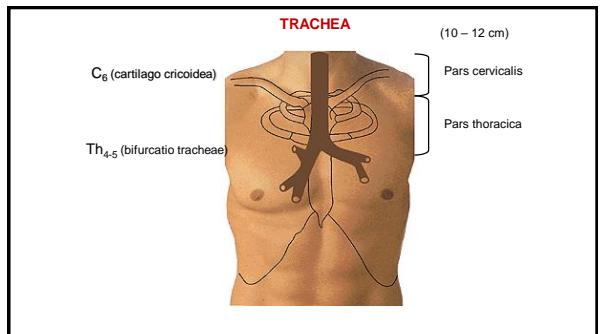
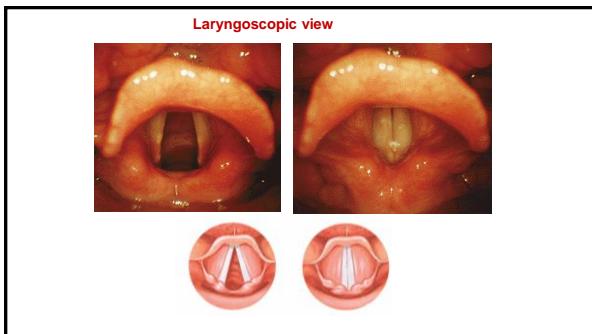
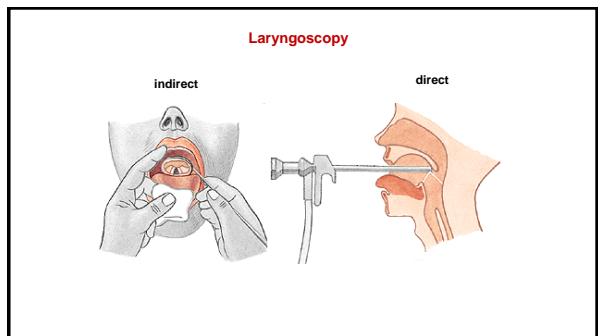
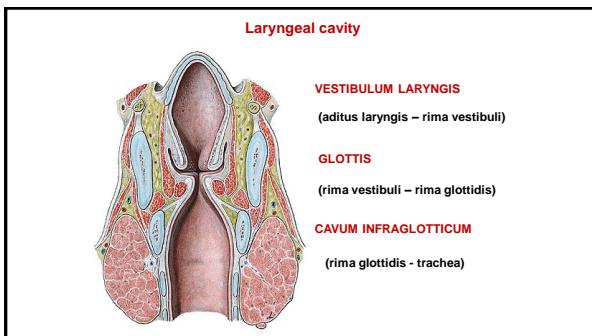
MUSCULUS THYROARYTAENOIDEUS

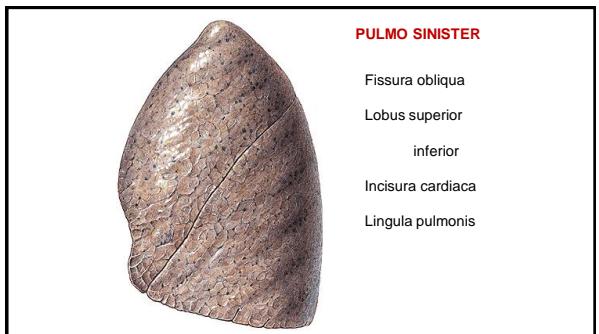
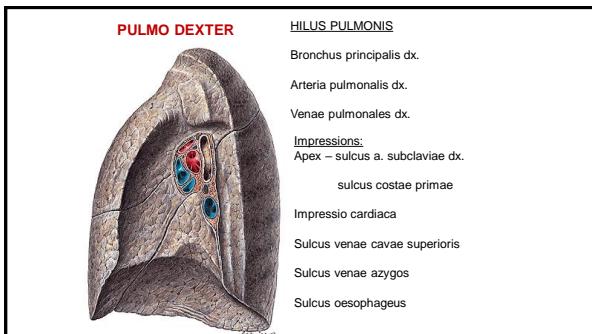
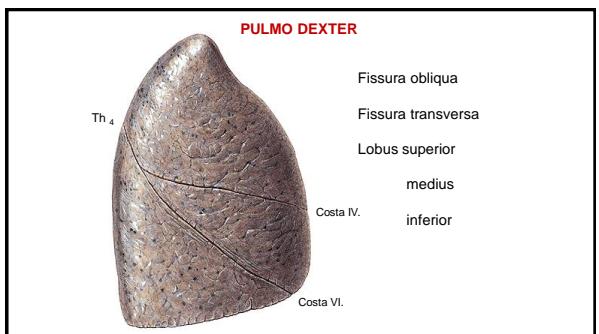
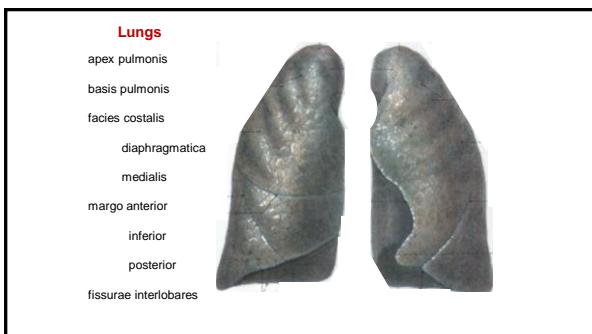
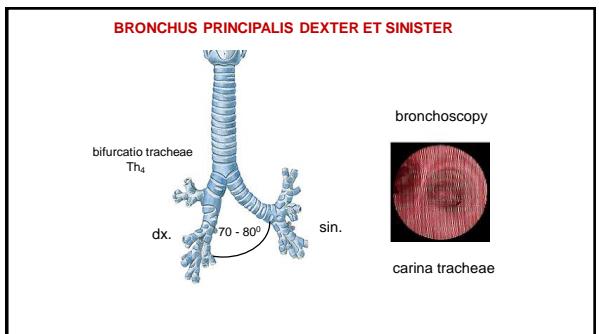
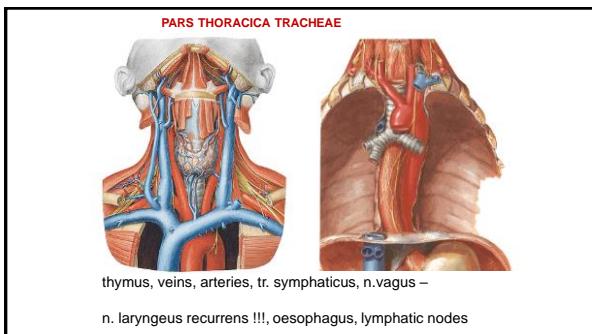
MUSCULUS VOCALIS

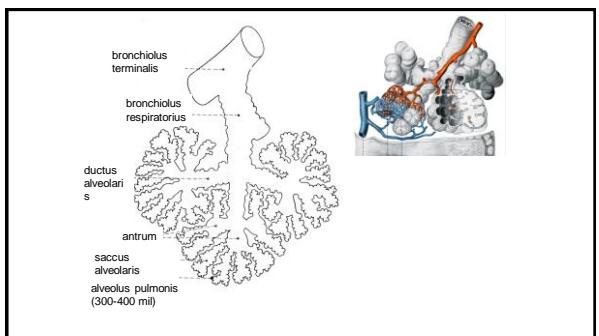
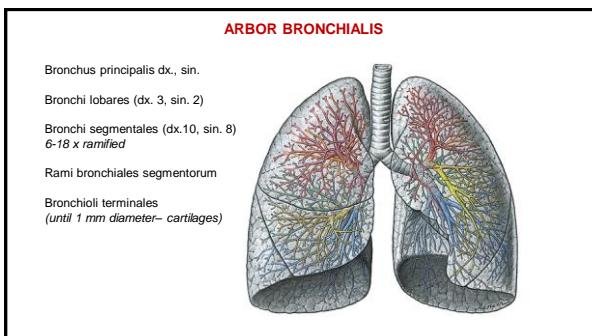
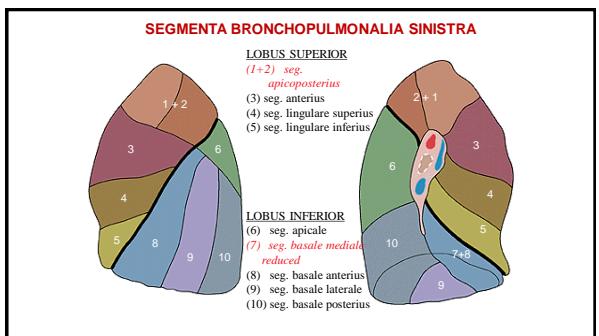
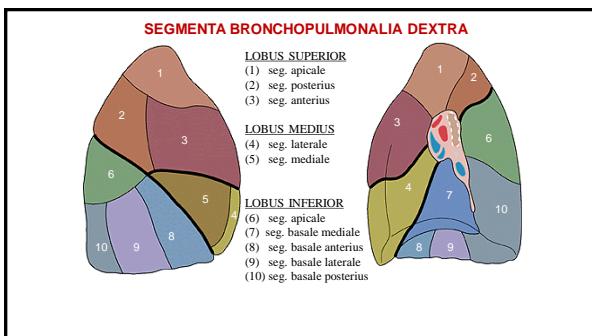
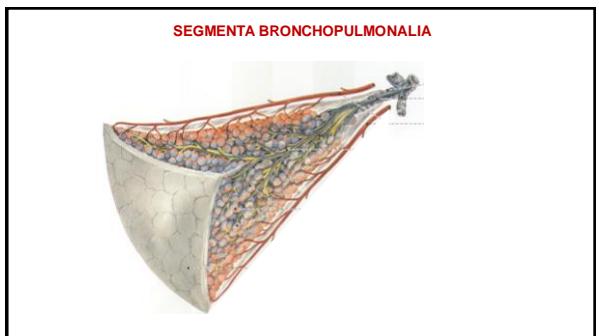
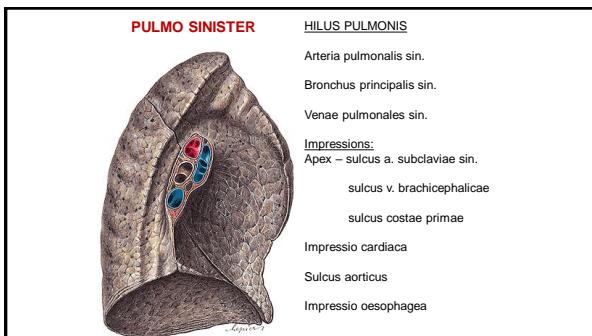


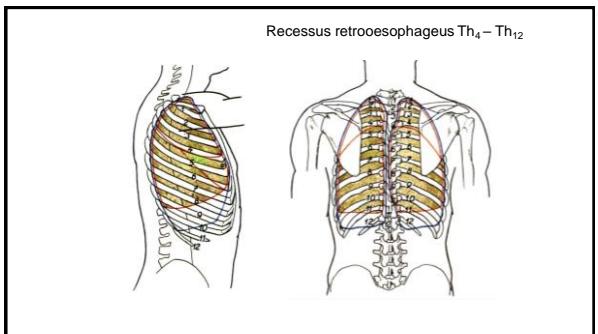
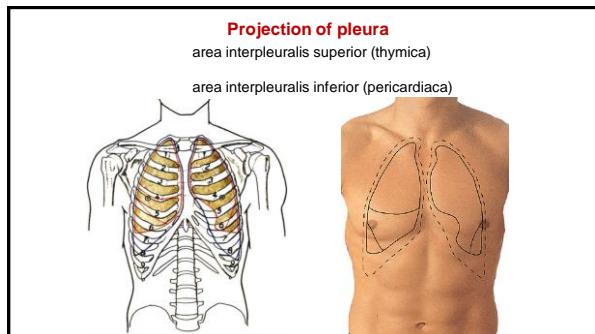
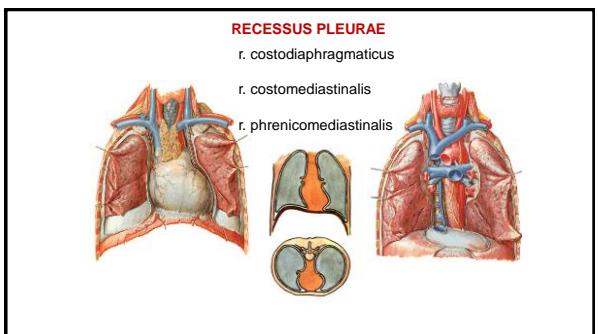
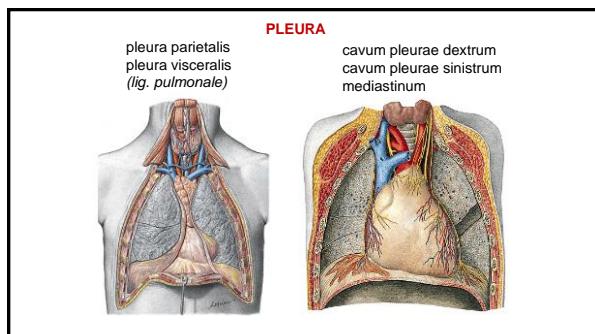
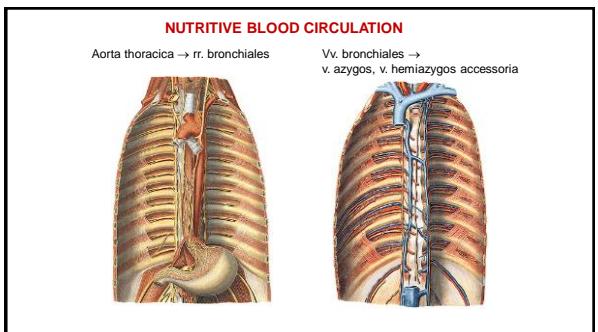
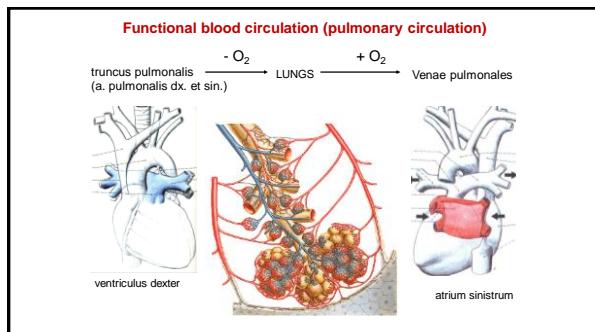
Innervation of laryngeal muscles

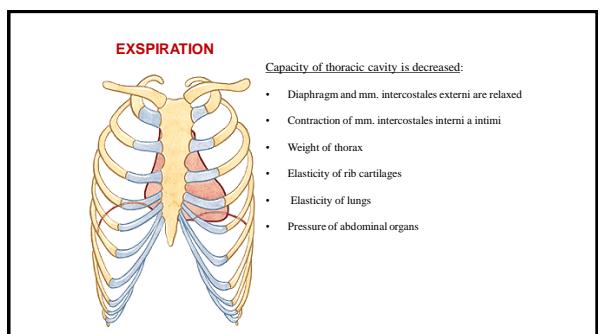
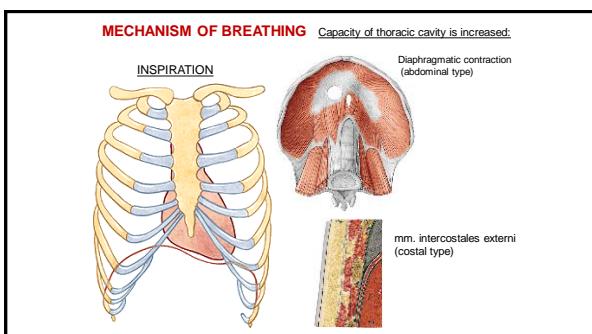
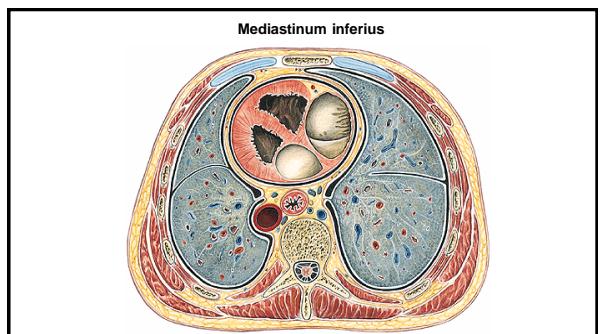
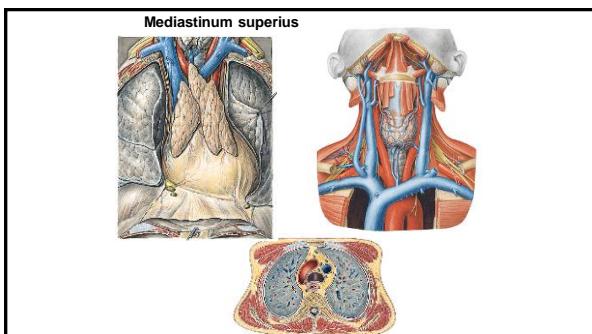
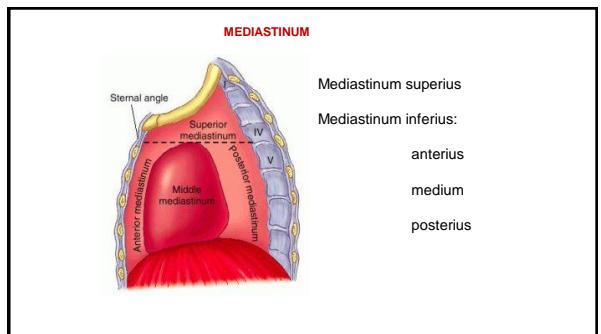
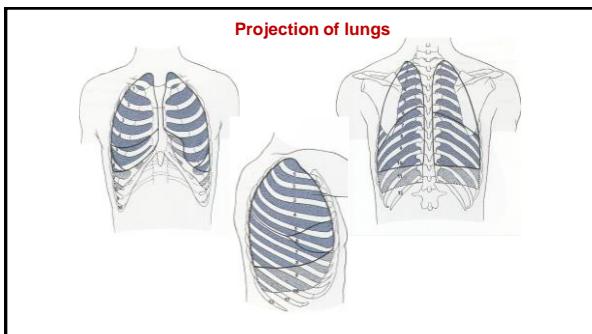












References:

Putz, R. (2008):
Atlas of Human Anatomy Sobotta. Elsevier Books.

Keith L. Moore, Arthur F. Dalley (2005):
Clinically Oriented Anatomy. Williams and Wilkins.

Platzer, W., Kahle, W., Leonhardt H. (1992):
Locomotor system. Georg Thieme Verlag, Stuttgart,
New York, 4th edition.

Čhák, R. (1987):
Anatomie 1. Avicenum, Zdravotnické nakladatelství.

Netter, F. H. (1997):
Interactive Atlas of Clinical Anatomy. Novartis, USA.