

Respiratory System Anatomy

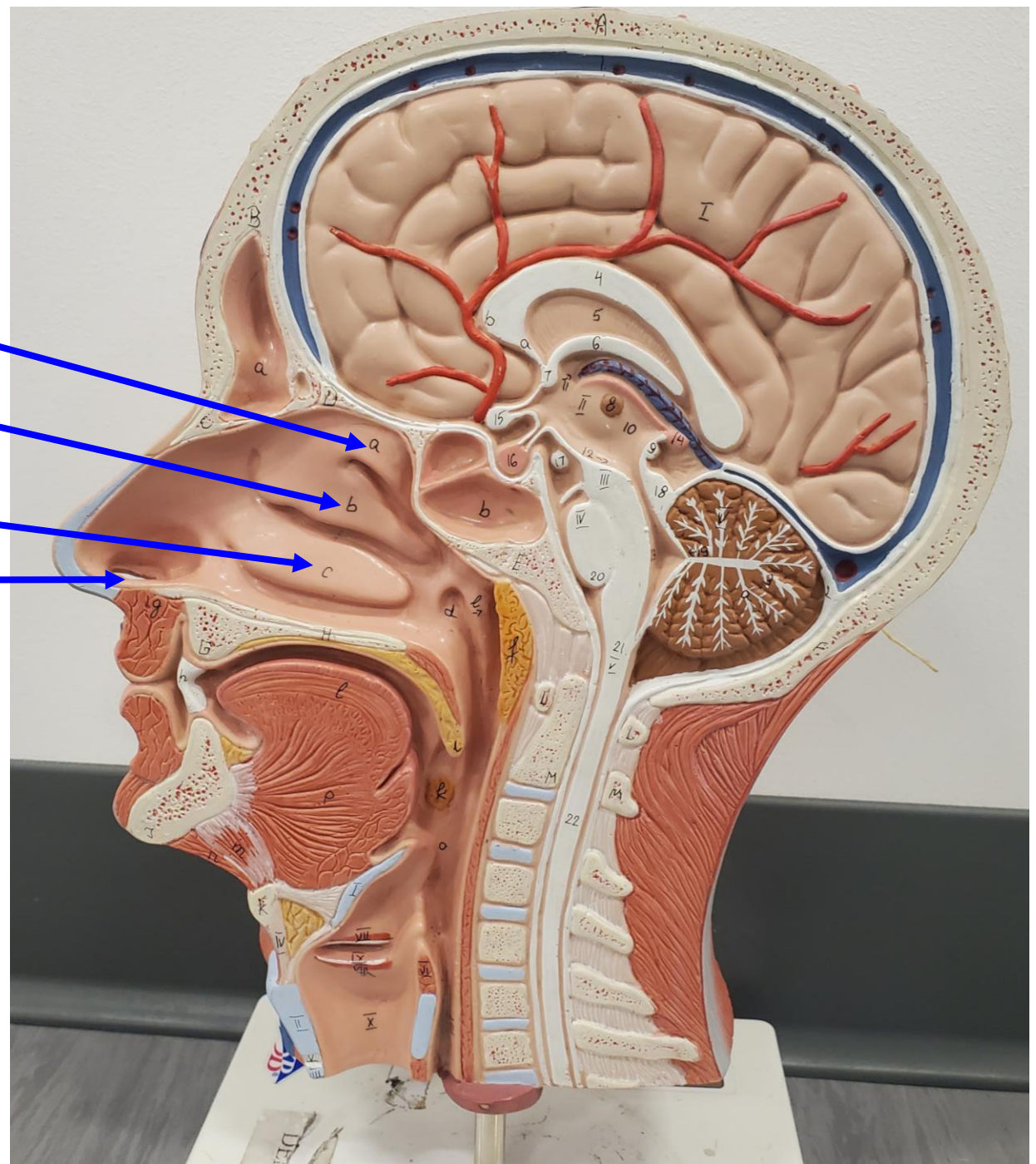
Sagittal Head

Superior Nasal Conchae

Middle Nasal Conchae

Inferior Nasal Conchae

External nares



Sagittal Head

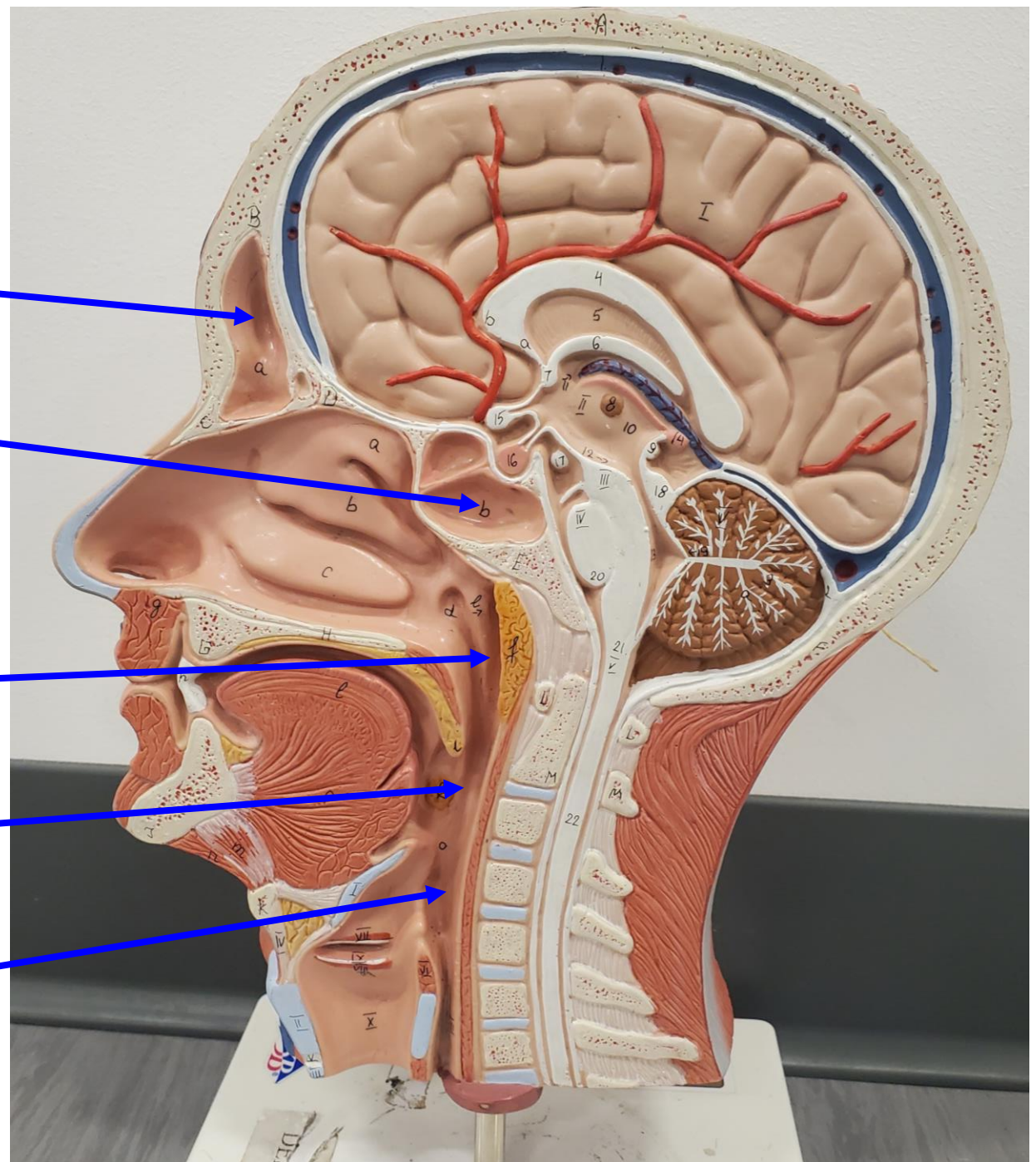
Frontal Sinus

**Sphenoid (Sphenoidal)
Sinus**

Nasopharynx

Oropharynx

Laryngopharynx

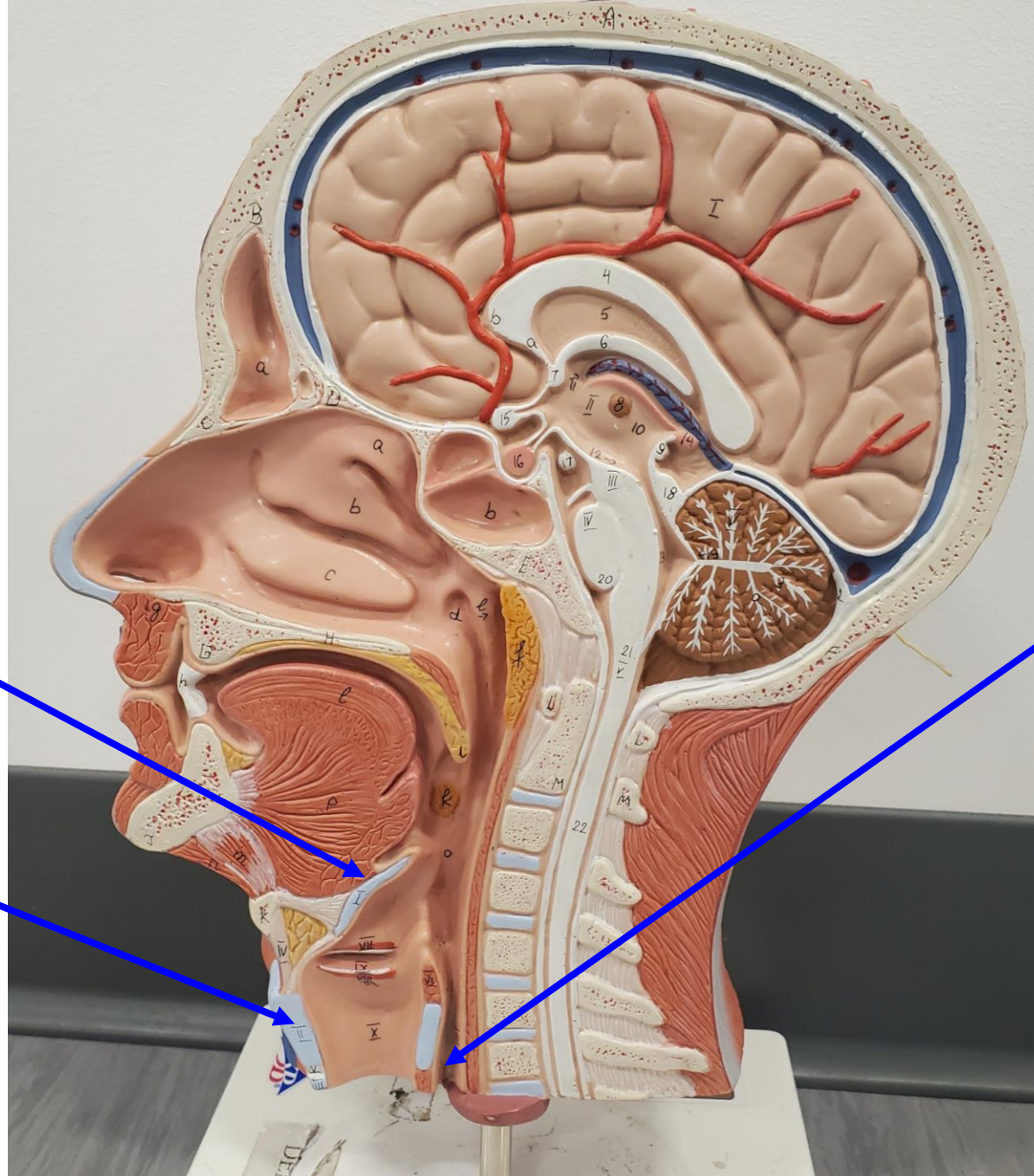


Sagittal Head

Larynx – Epiglottis

Larynx –
Thyroid Cartilage

Esophagus



Larynx Anterior View

Hyoid Bone

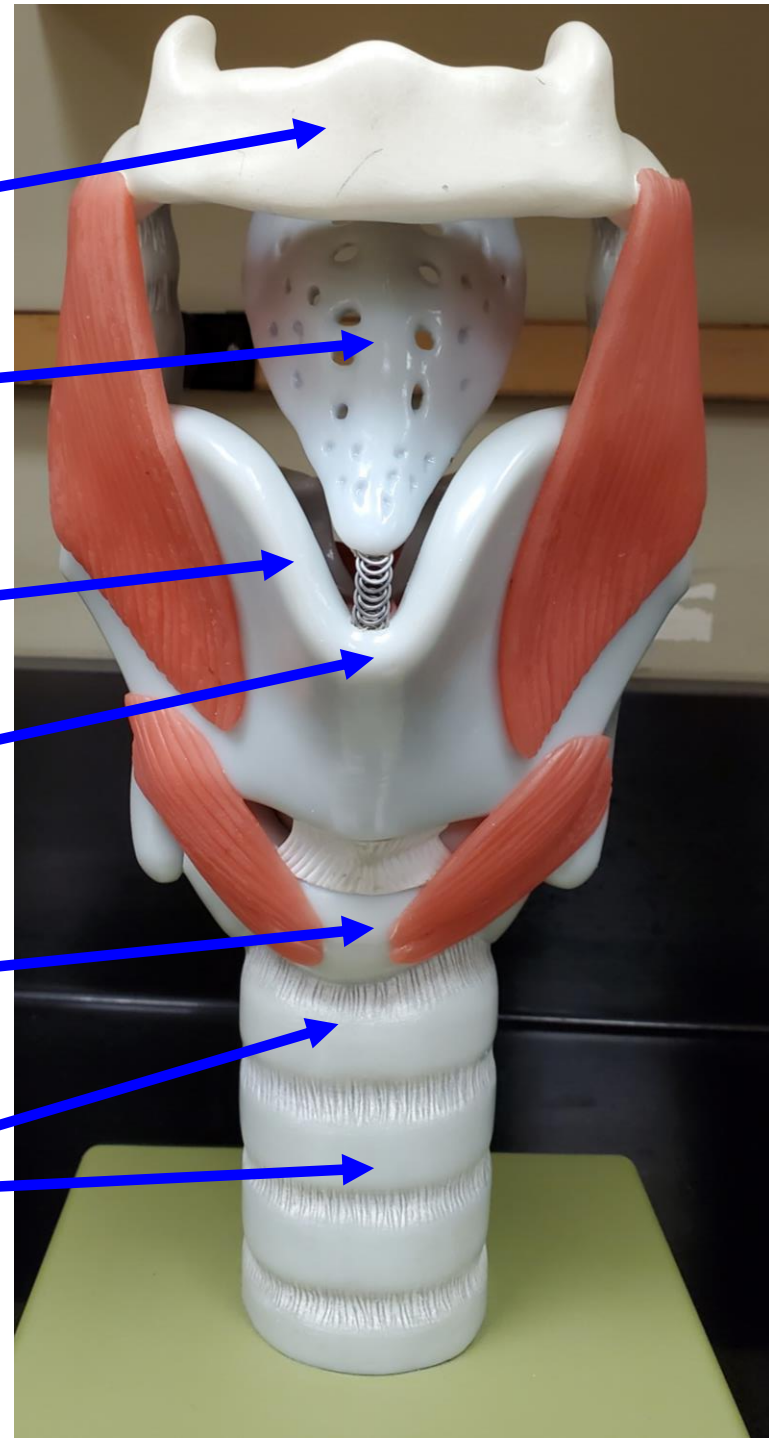
Epiglottis

Thyroid Cartilage

Laryngeal Prominence

Cricoid Cartilage

Tracheal Cartilage

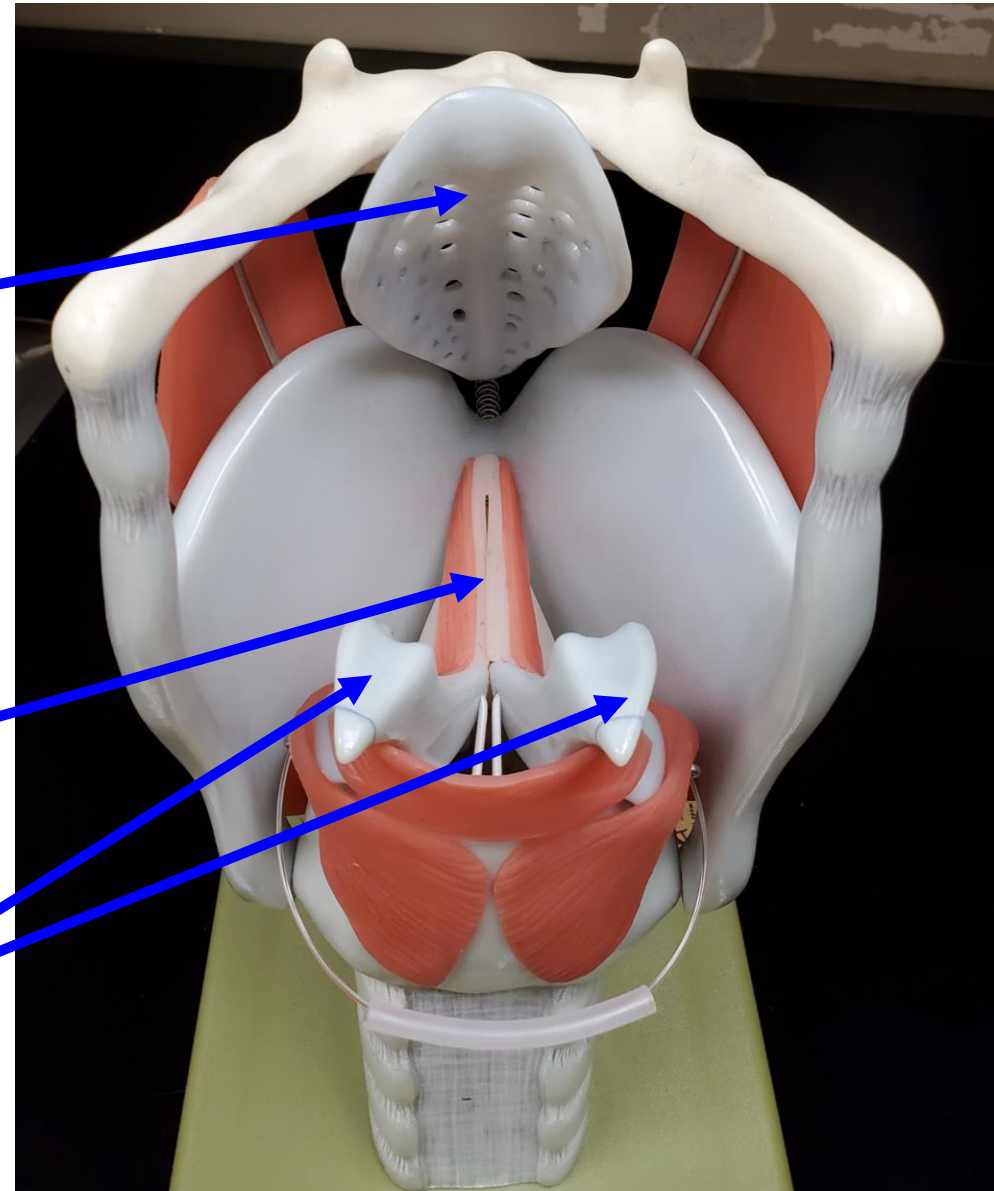


Larynx Superior View

Epiglottis

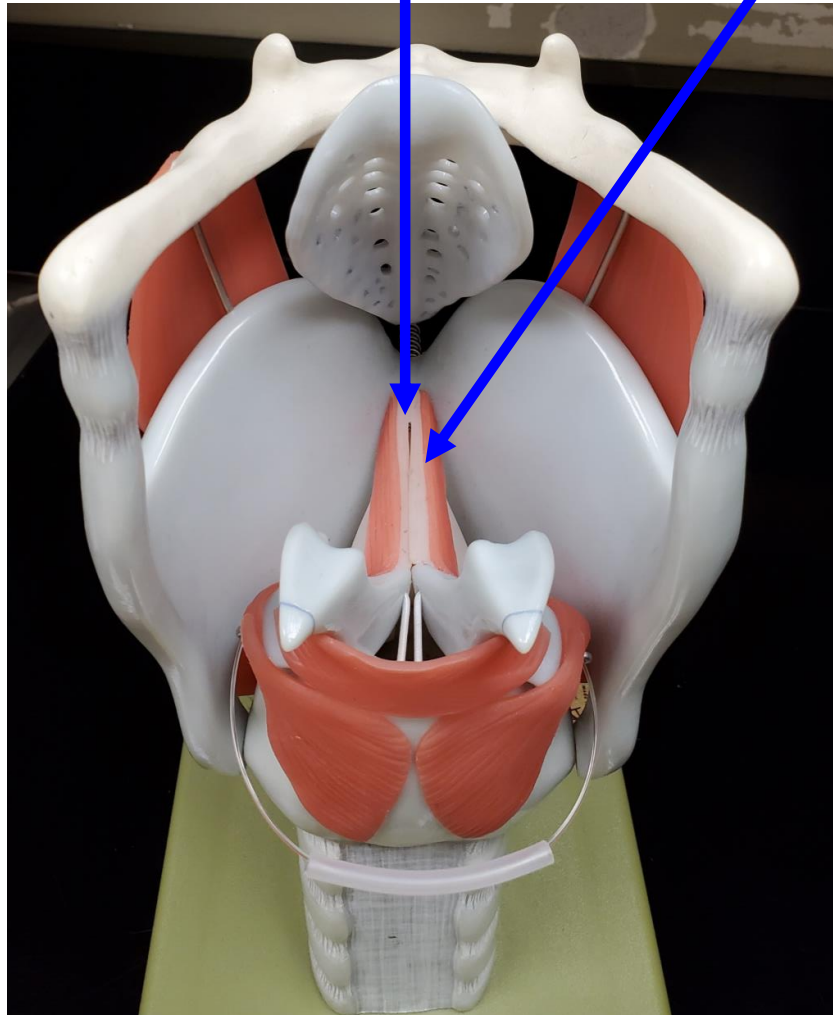
Vocal Cords

Arytenoid Cartilage



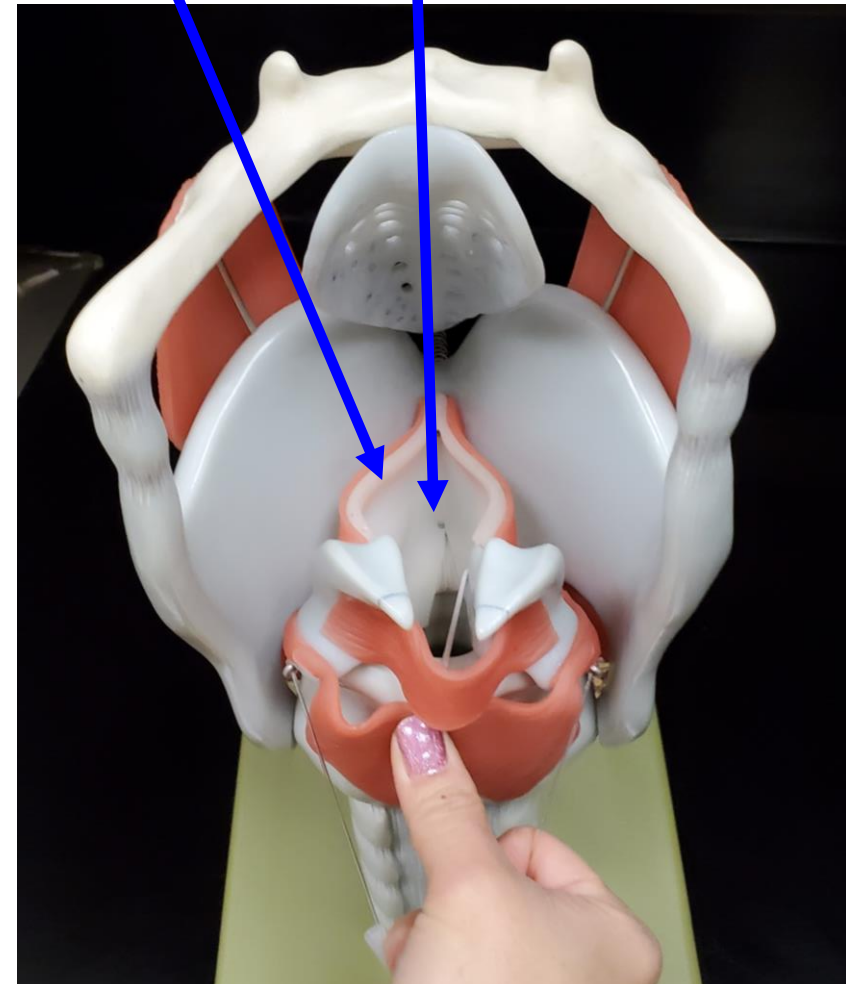
Larynx Superior View

Glottis Closed



**Vocal Cords
(white cords)**

Glottis Open



Thoracic Model – Internal View

Right Brachiocephalic vein

Left Brachiocephalic vein

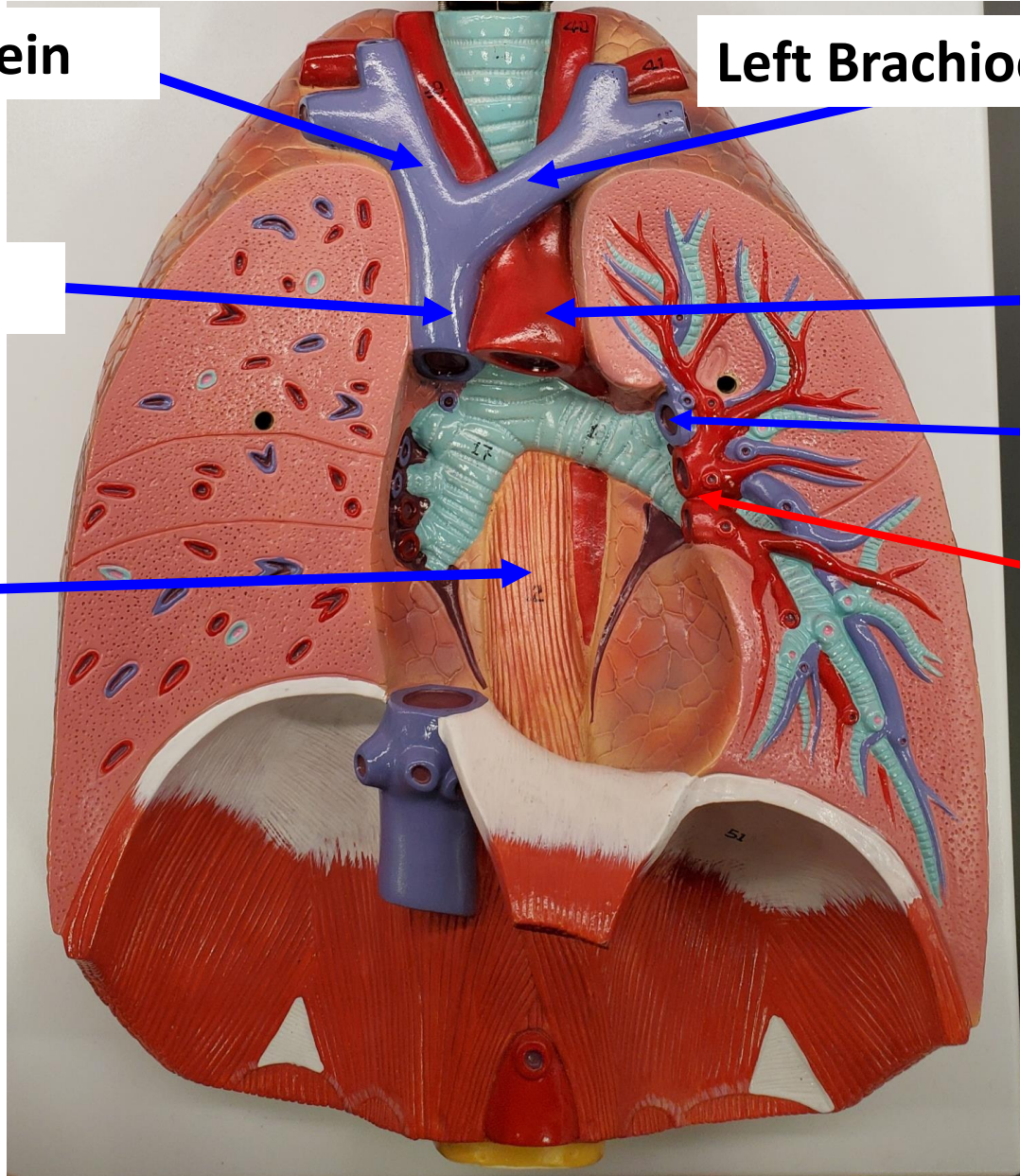
Superior Vena Cava

Aortic Arch

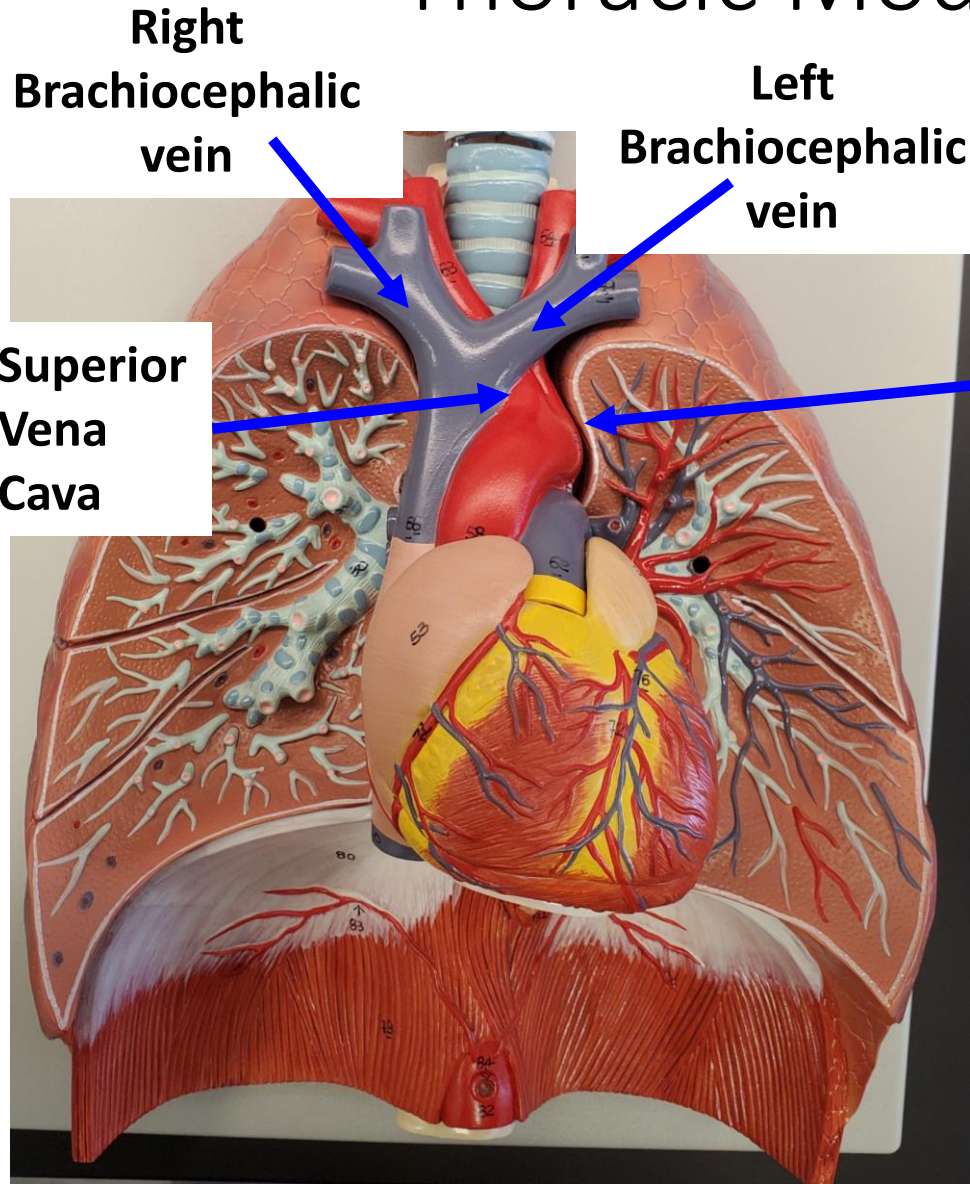
Esophagus

Pulmonary Arteries

Pulmonary Veins

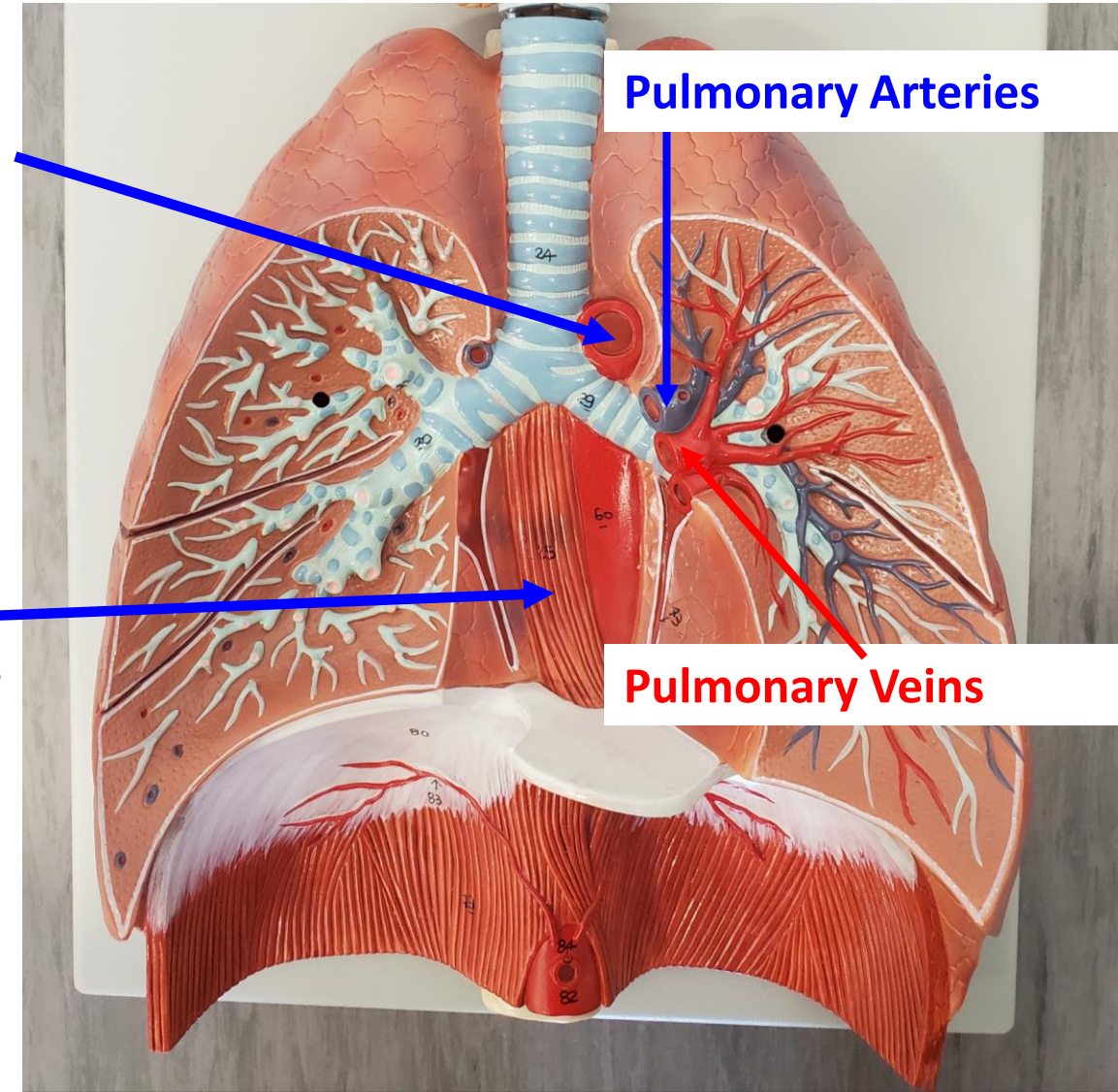


Thoracic Model – The “other” model

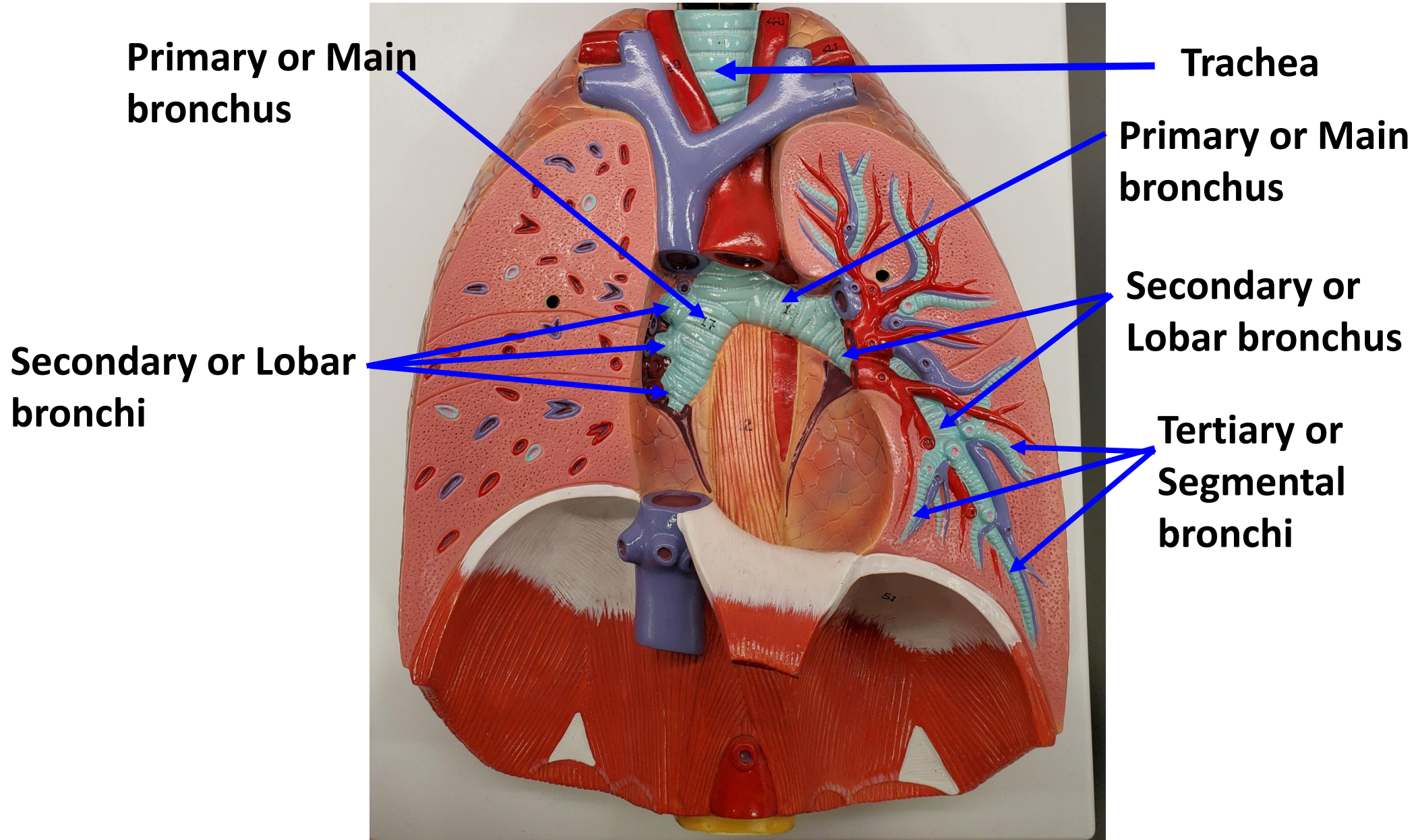


Aortic Arch

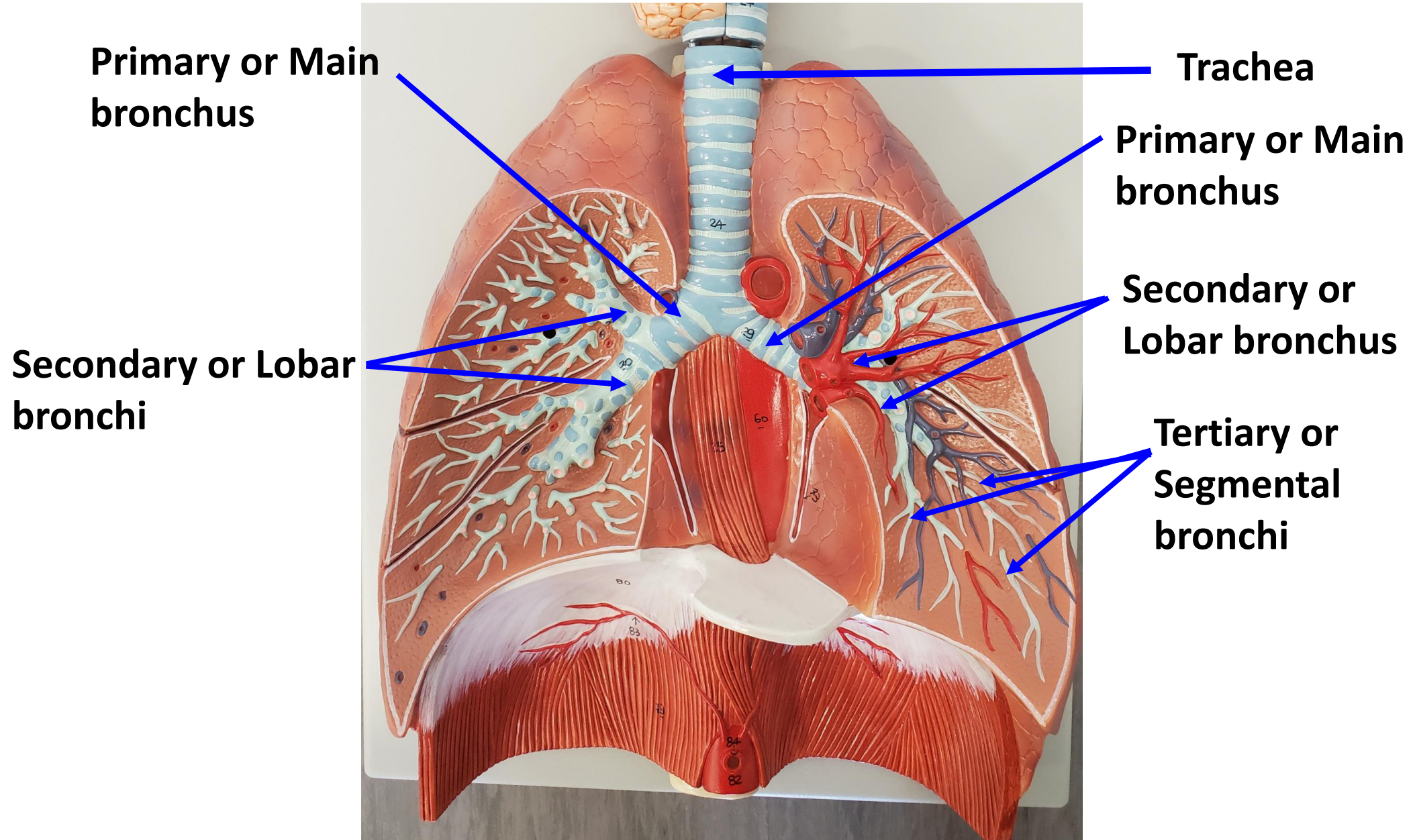
Esophagus



Thoracic Model – Internal View



Thoracic Model – The “other” model



Thoracic Model – External View

**Right Lung
Superior Lobe**

**Right Lung
Middle Lobe**

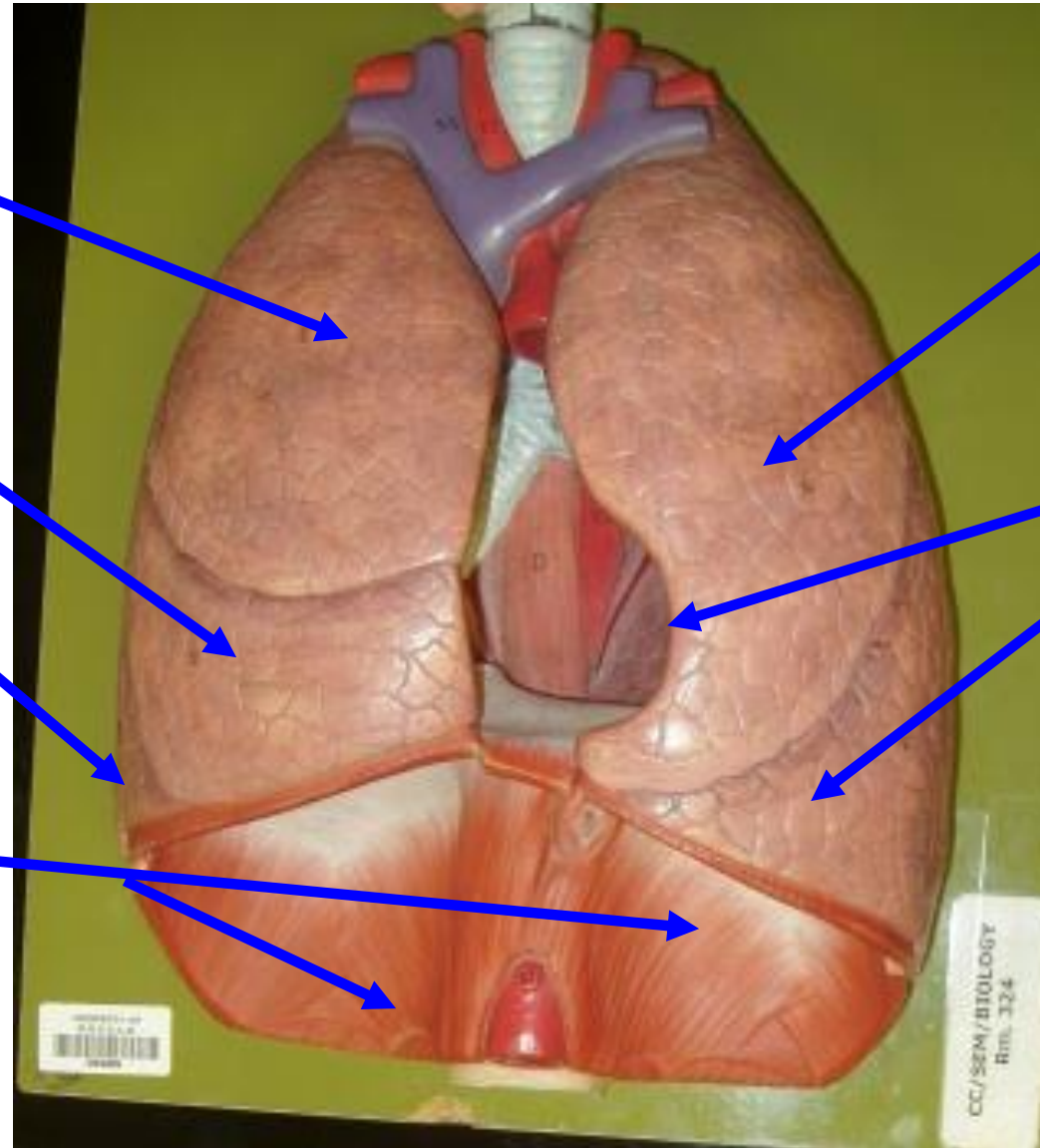
**Right Lung
Inferior Lobe**

Diaphragm

**Left Lung
Superior Lobe**

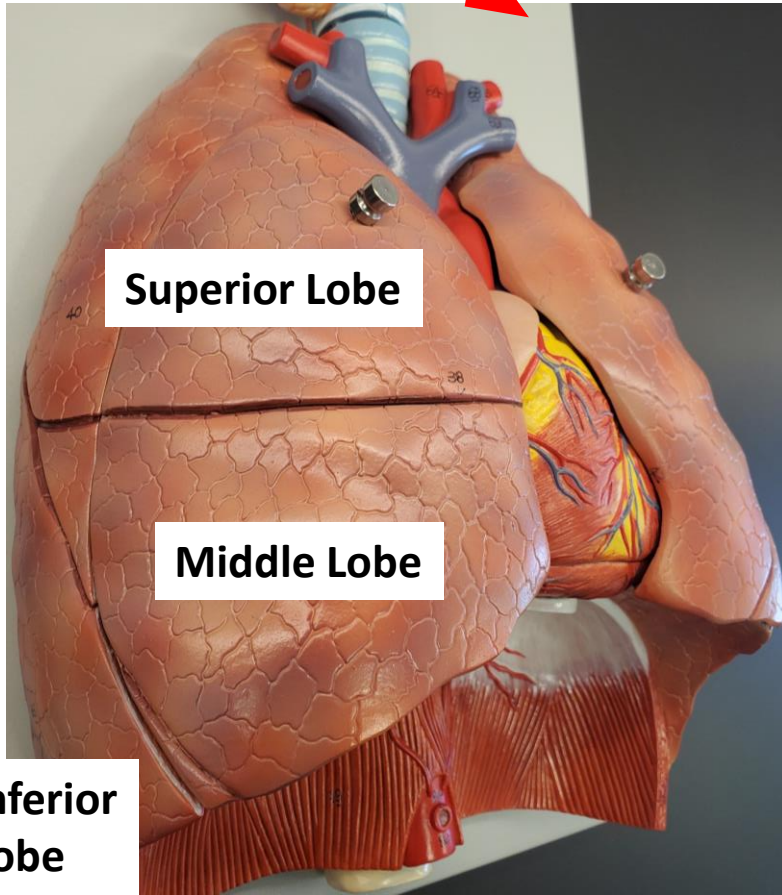
**Cardiac notch
of left lung**

**Left Lung
Inferior Lobe**

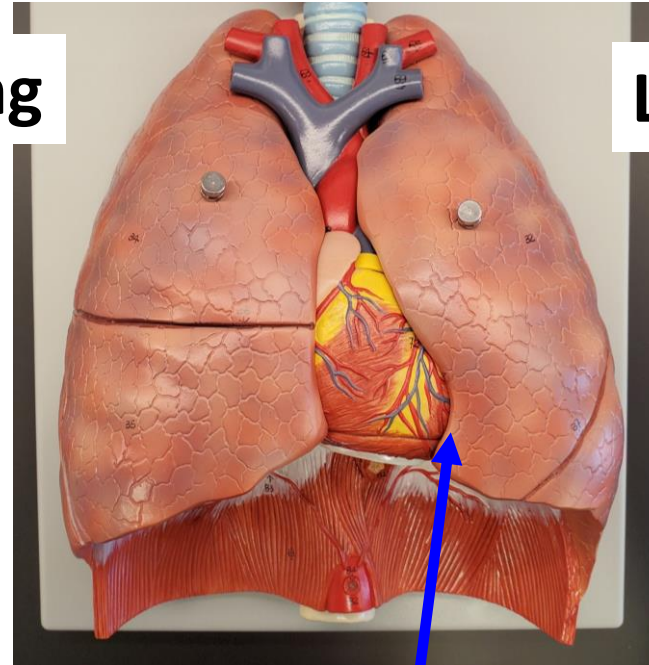


Thoracic Model – The “other” model

Right Lung

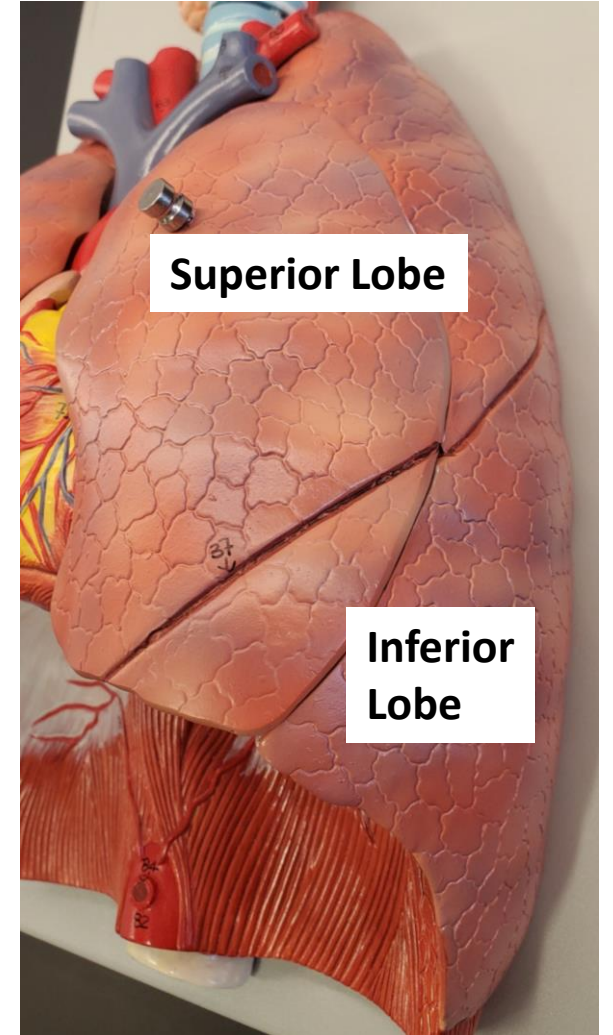


Left Lung



Superior Lobe

Inferior Lobe



2 Respiratory Slides

- 1. Slide of the TRACHEA
- 2. Slide of a BRONCHIOLE with alveoli & blood vessels

**SLIDE OF
TRACHEA**

**Pseudostratified
Ciliated Columnar
Epithelium**

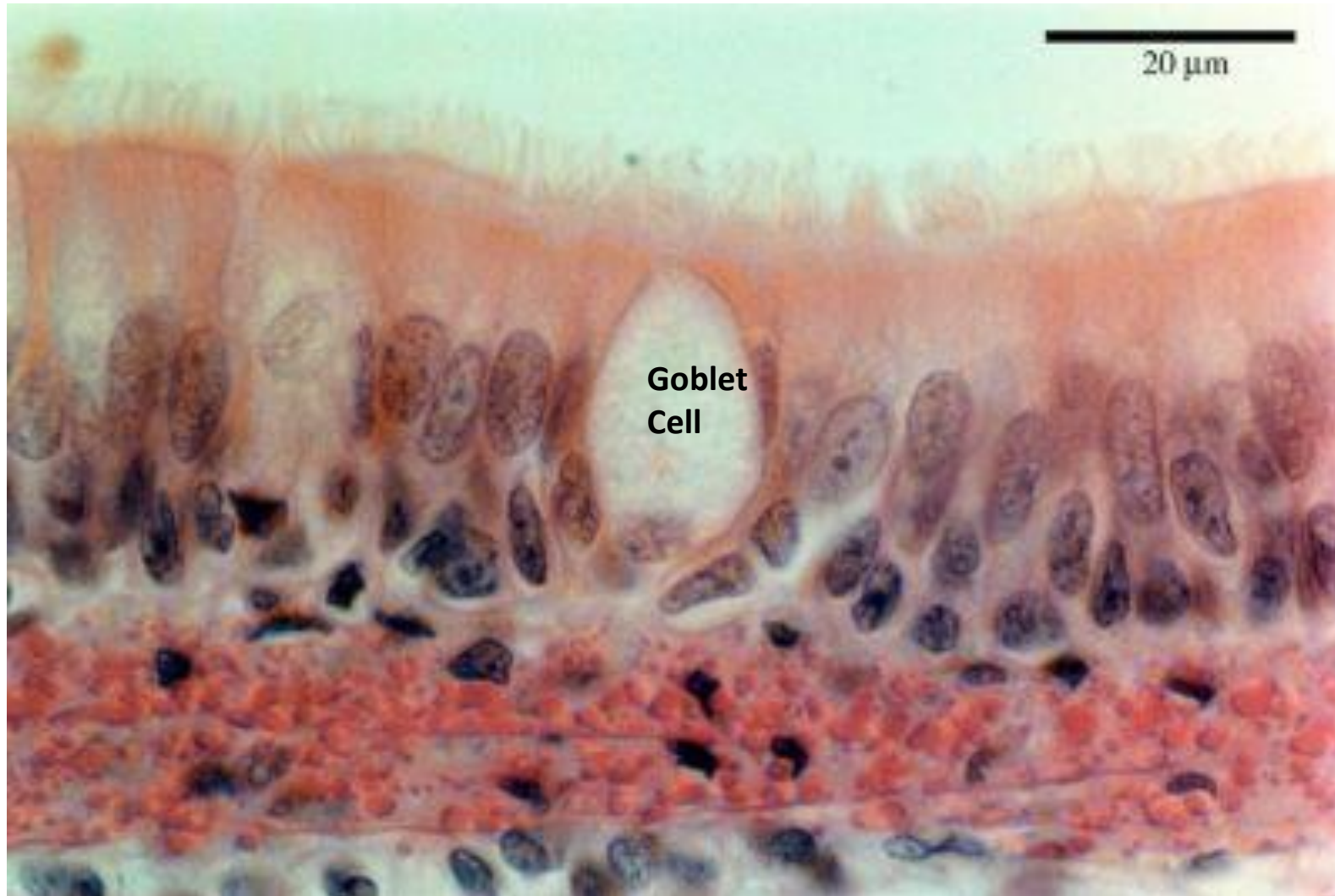
LUMEN of Trachea

Goblet Cells

Hyaline Cartilage



Close-up of Trachea showing a Goblet Cell



Slide of a Bronchiole

Bronchiole

(notice it is filled with air so it is empty inside)

Alveoli or Alveolar Sacs

Simple Squamous Epithelia

Blood Vessel

(notice it is filled with RBC's & it has a slightly thinner wall than the bronchiole)

Alveoli or Alveolar Sacs

