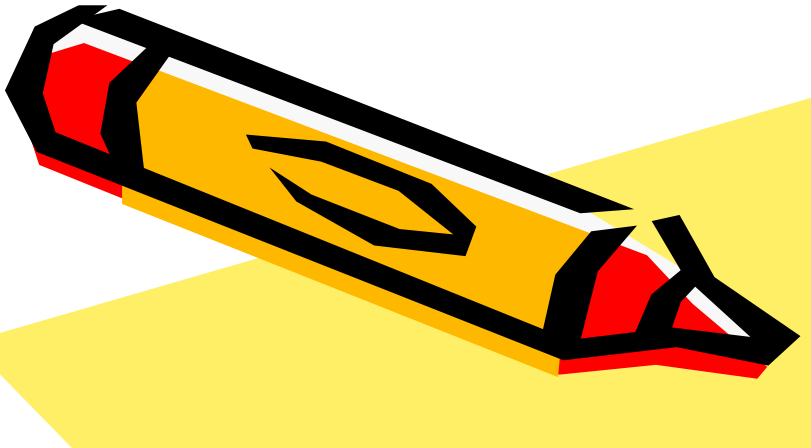
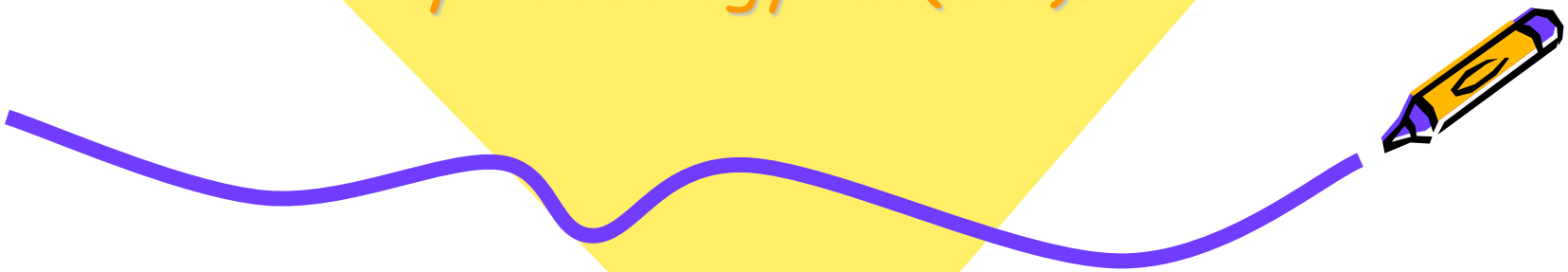
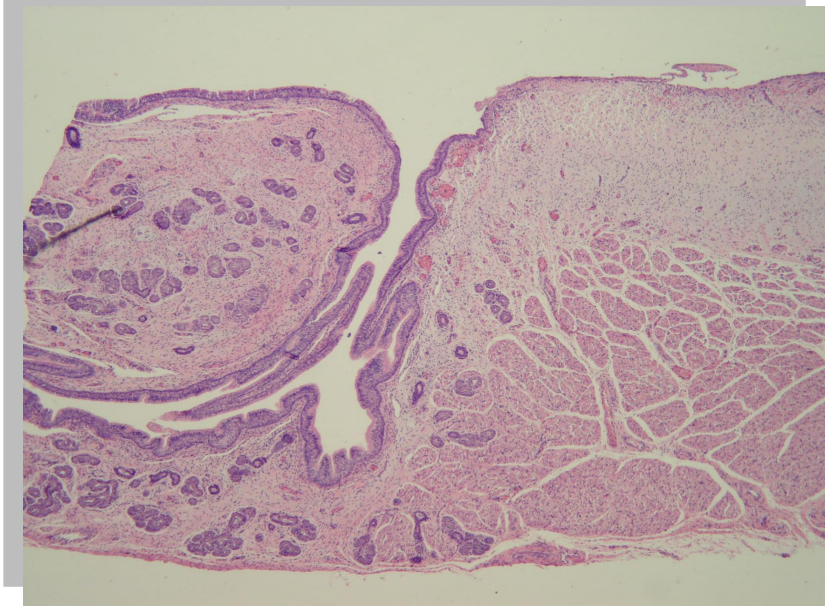


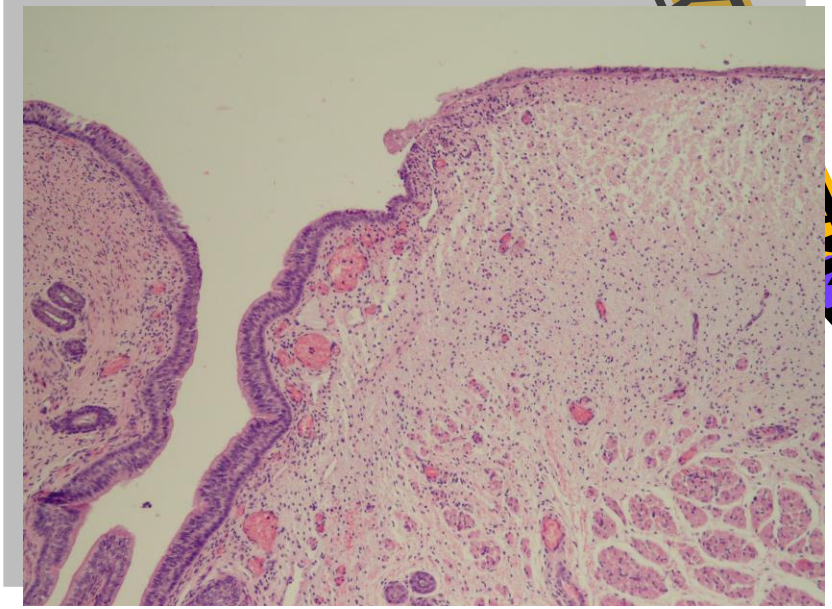
Respiretory System

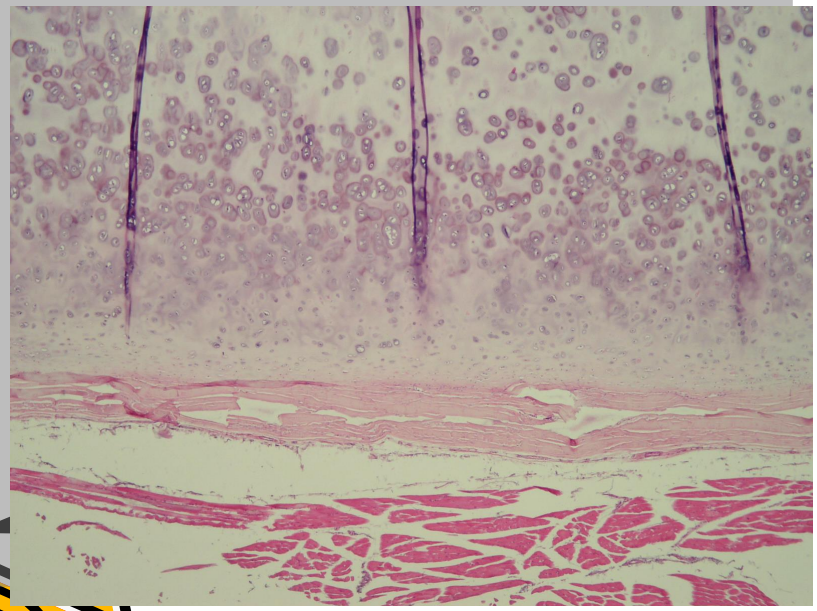
by :histology lab(SH).

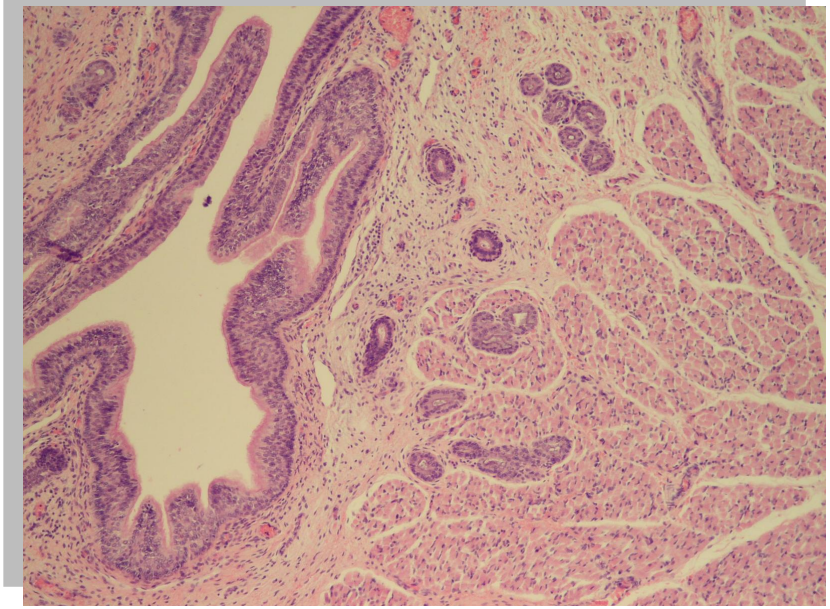


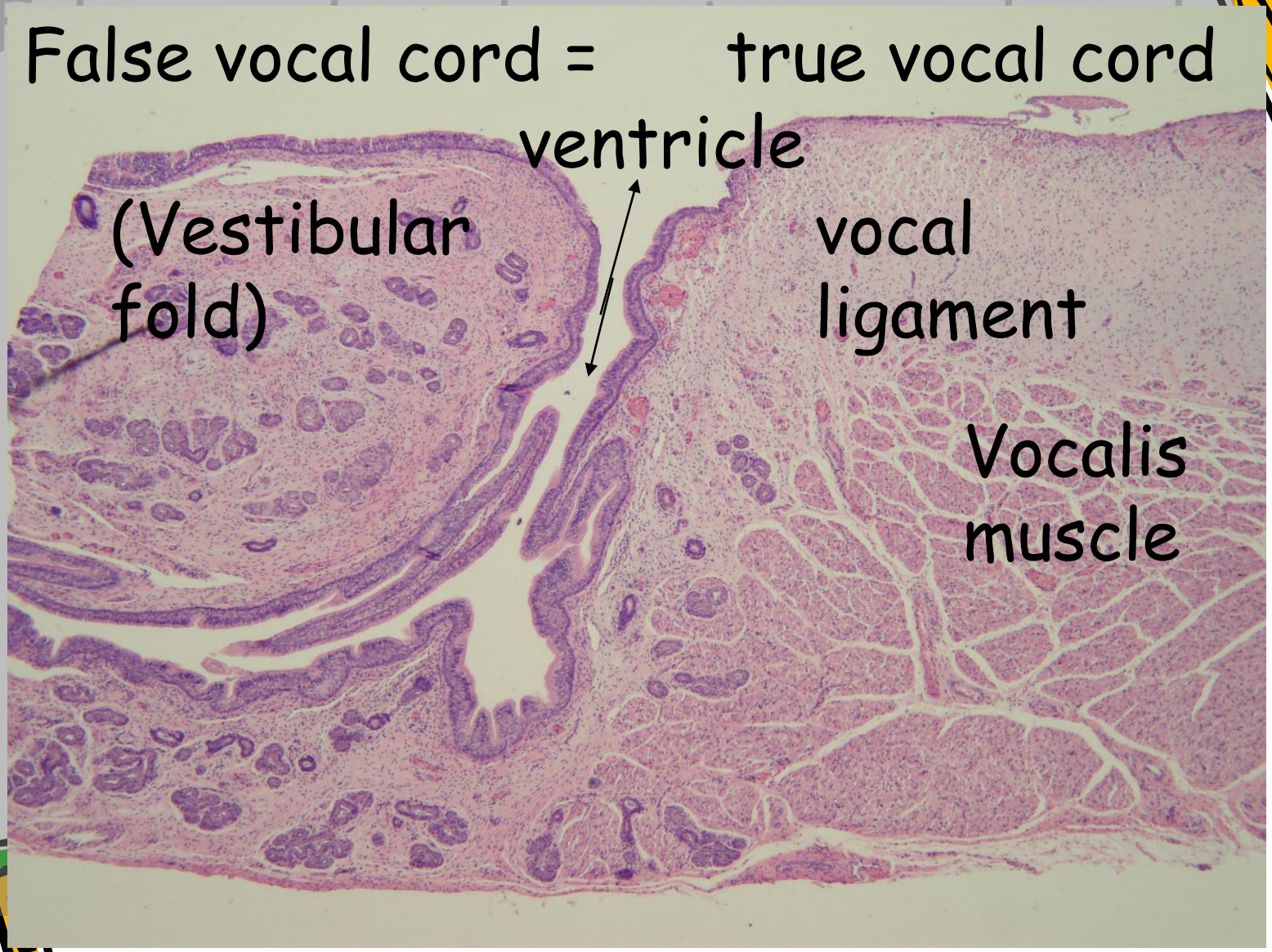
Larynx

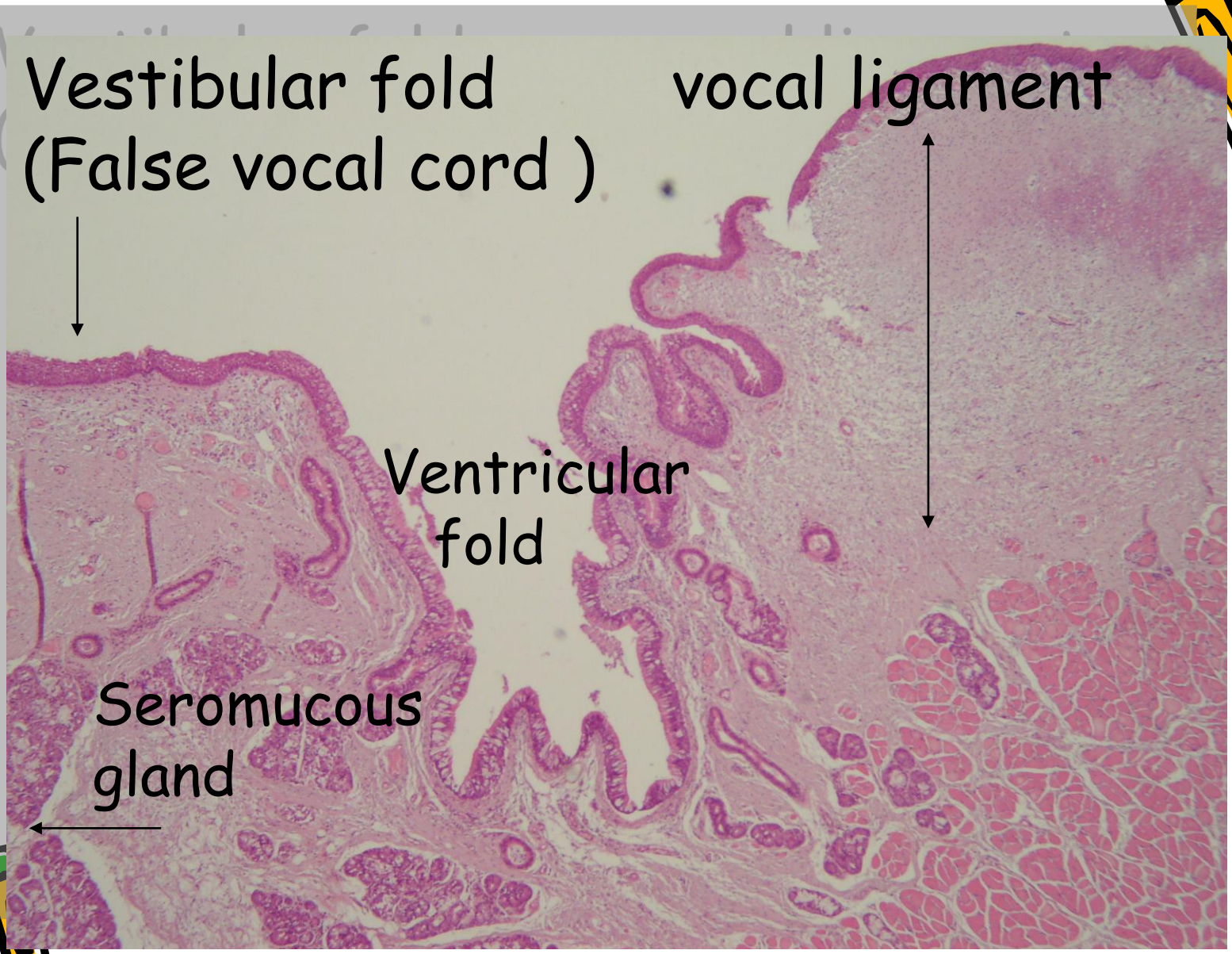




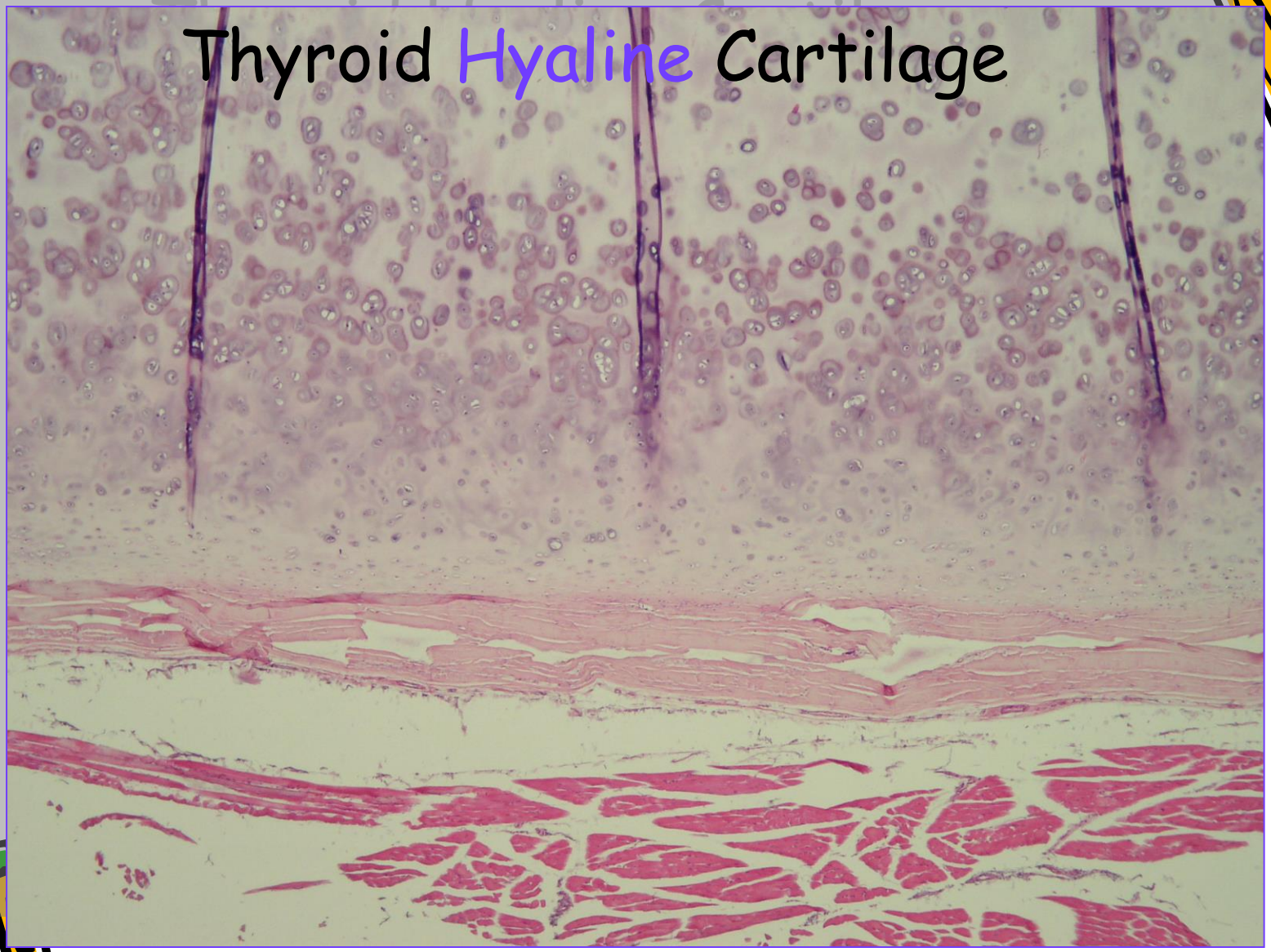




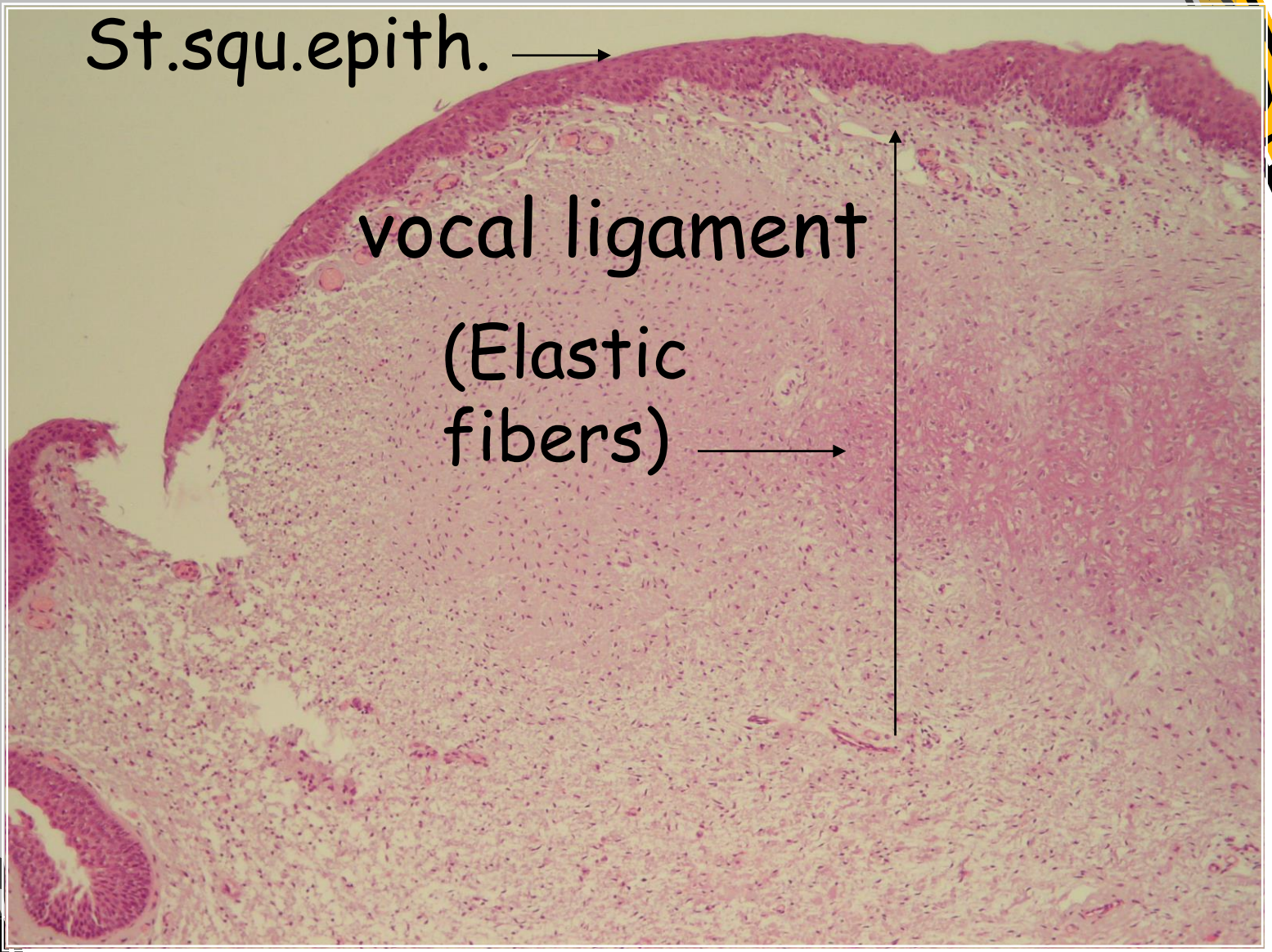

False vocal cord =
(Vestibular fold)
ventricle
true vocal cord
vocal ligament
Vocalis muscle

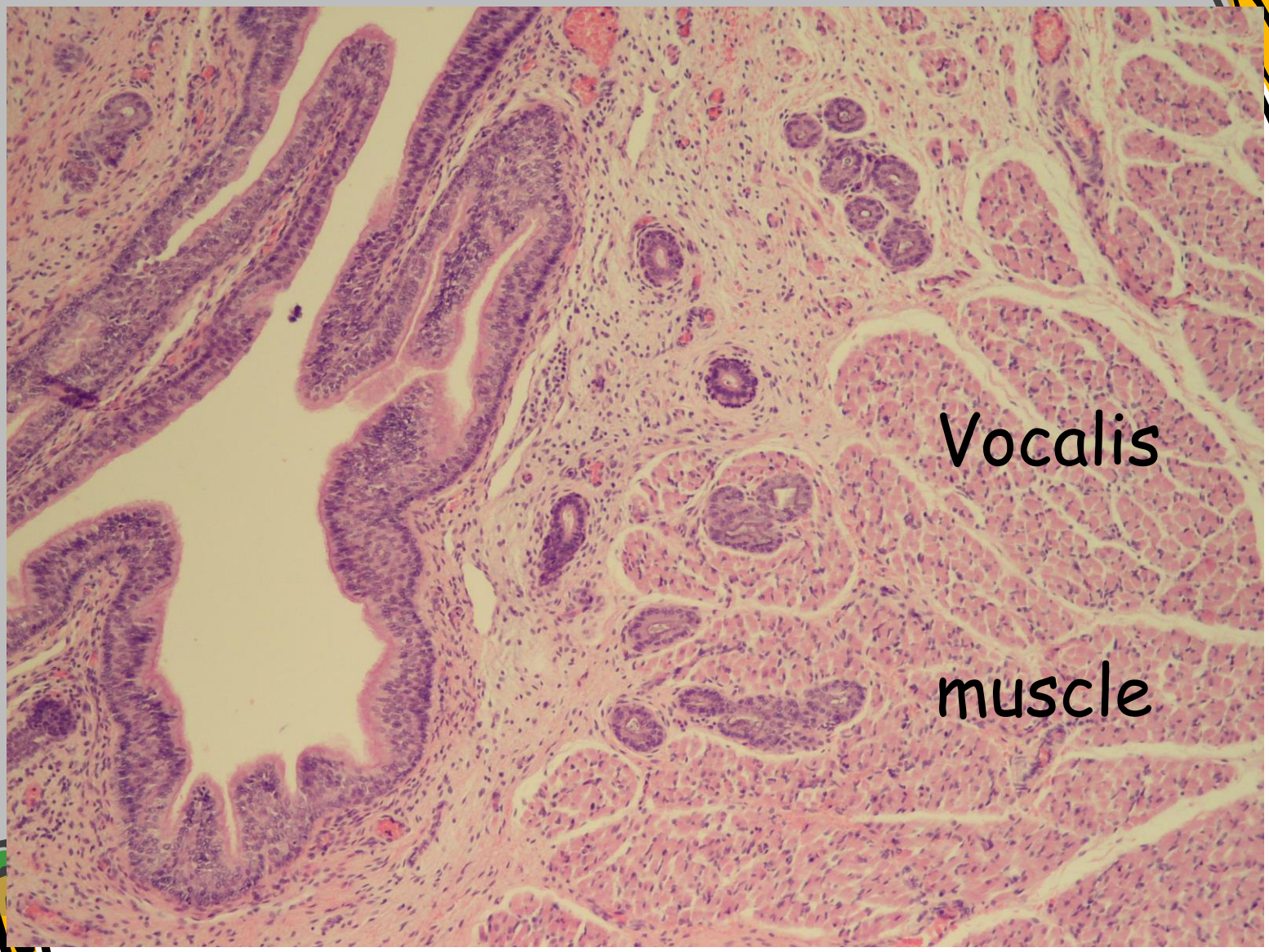

Vestibular fold
(False vocal cord)
vocal ligament
Ventricular
fold
Seromucous
gland

Thyroid Hyaline Cartilage

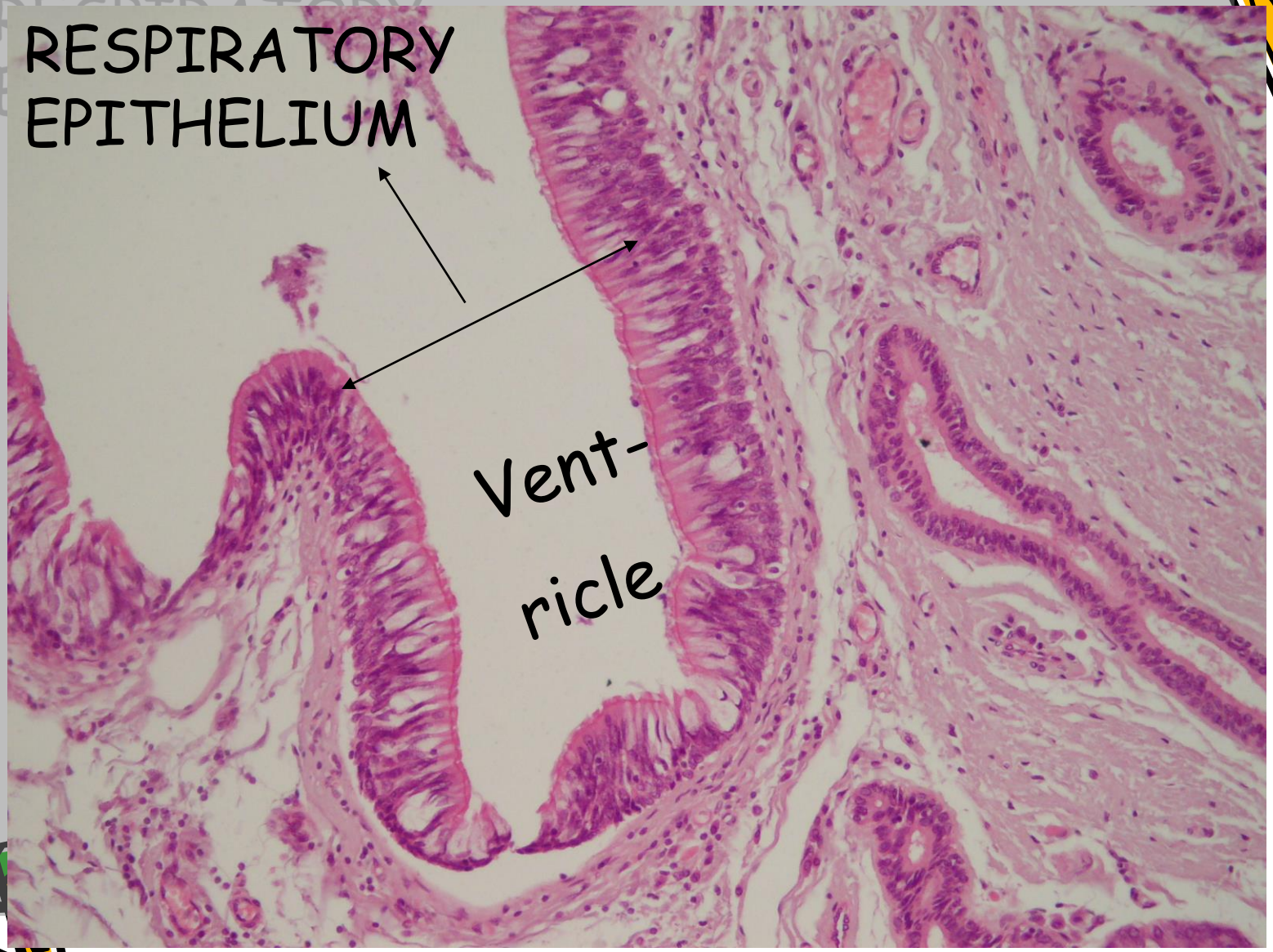


true vocal cord

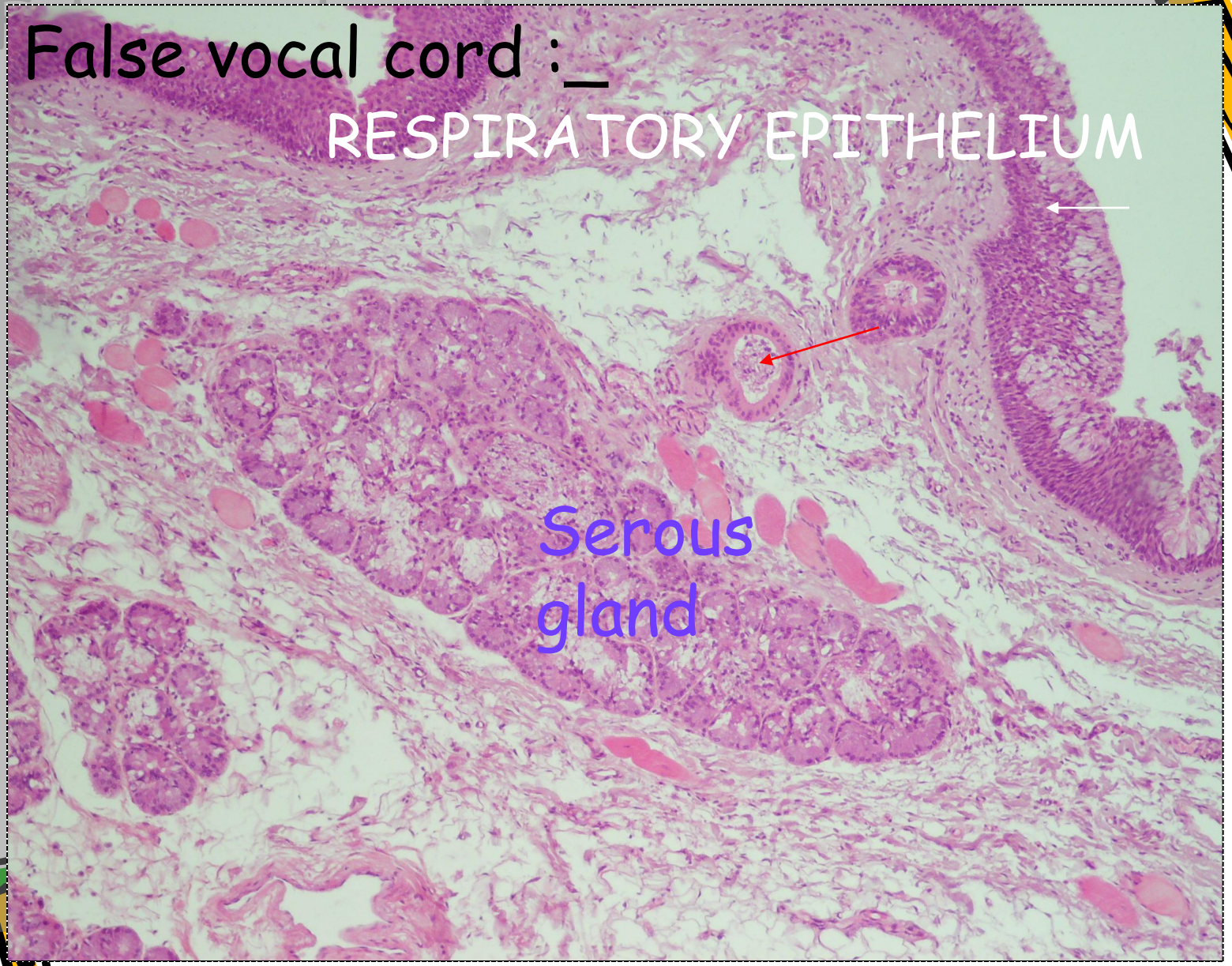


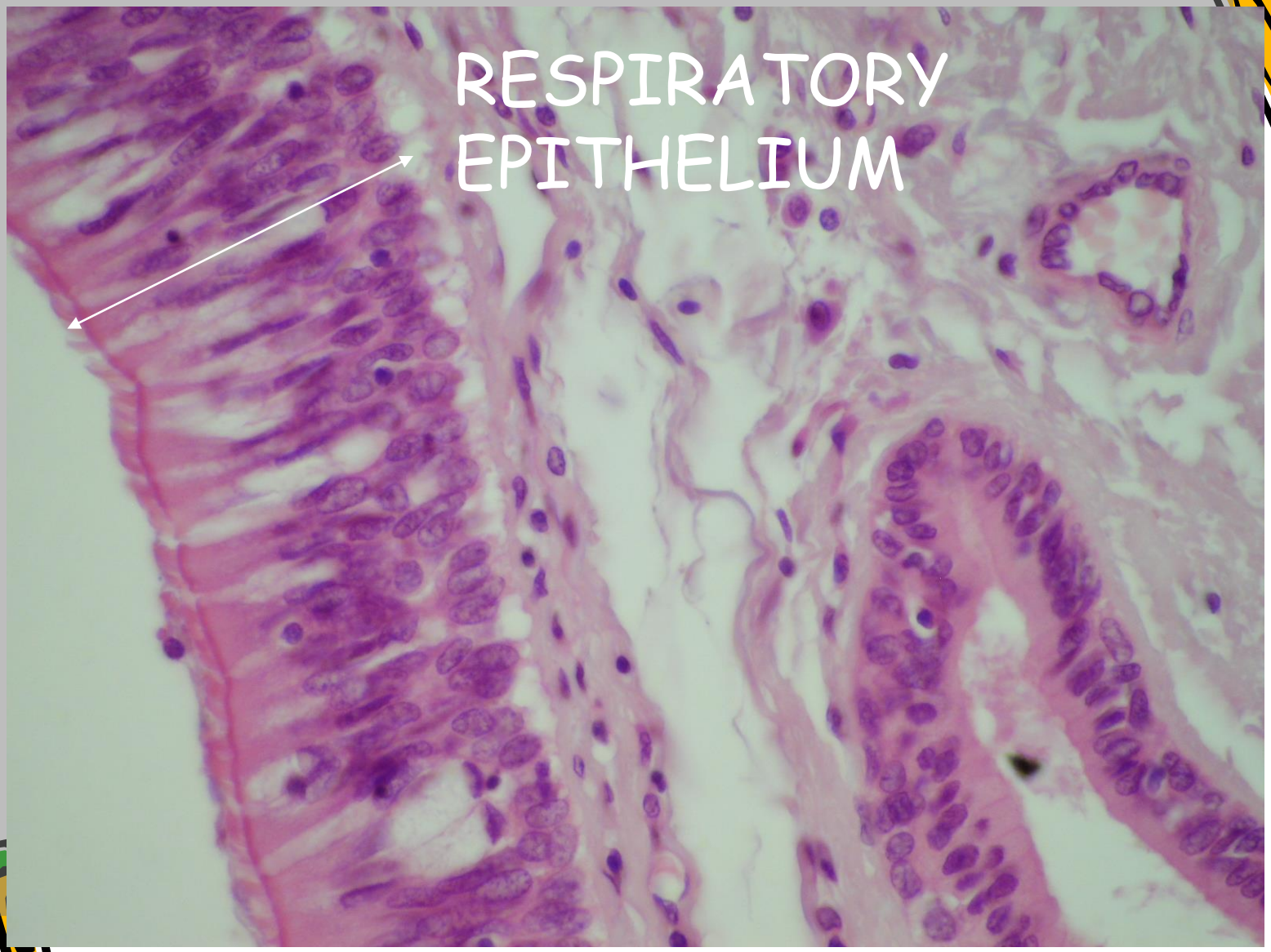

Vocalis
muscle


Vocalis
muscle

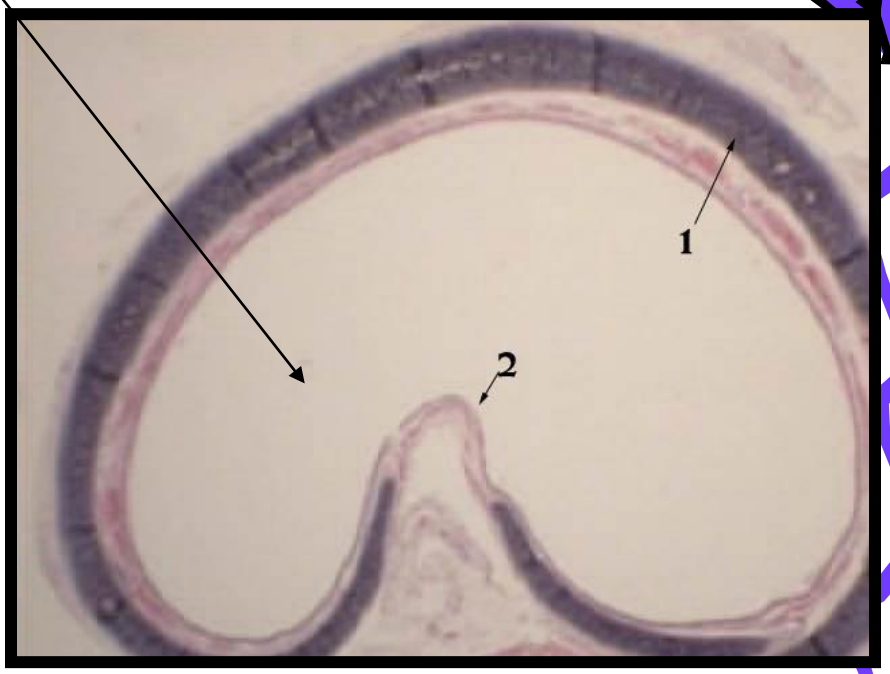

RESPIRATORY
EPITHELIUM
Vent-
ricle

False vocal cord :_




RESPIRATORY
EPITHELIUM

C-SHAPE **TRACHEA**- transeverse section



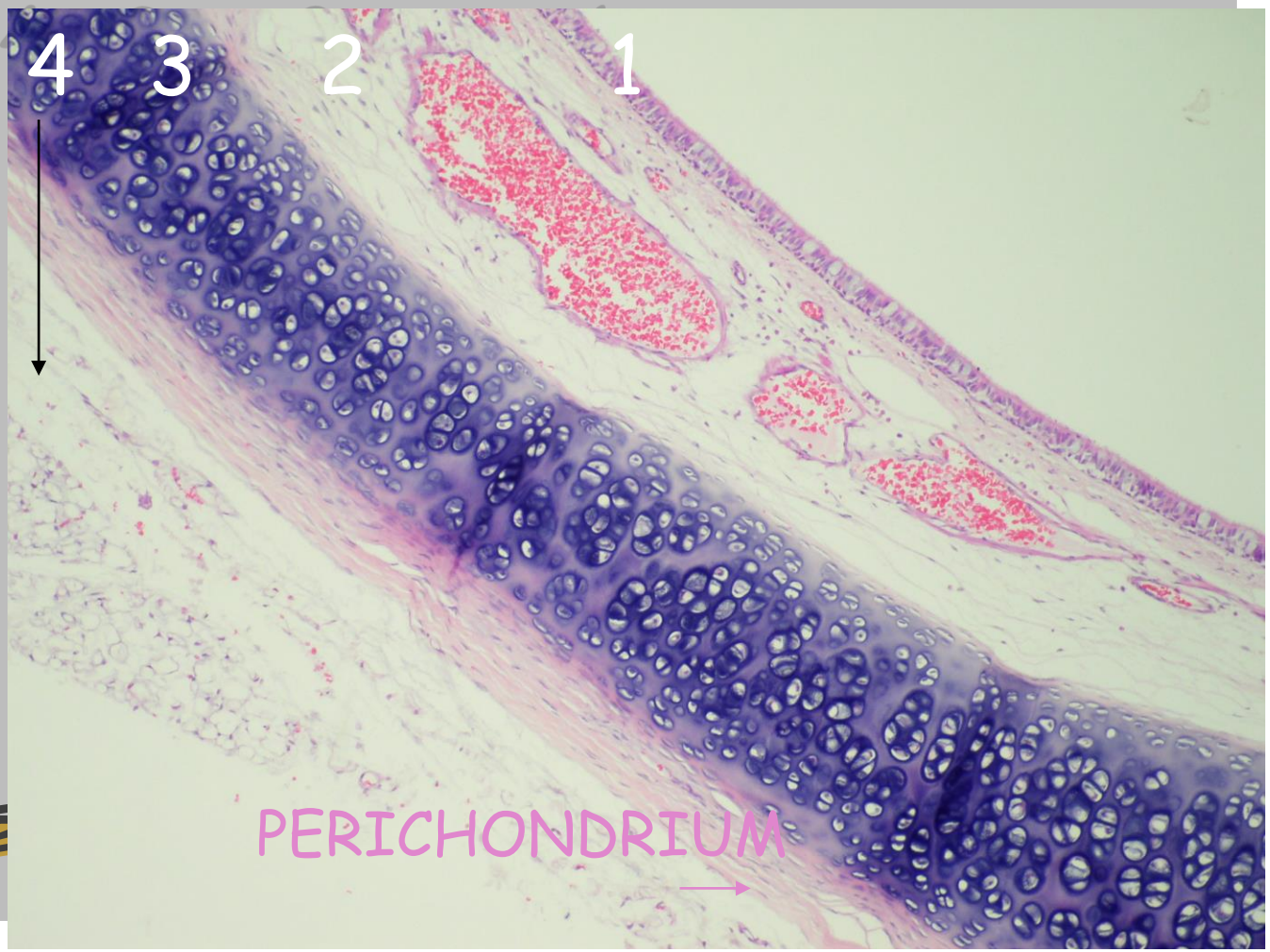
ESOPHAGUS- posteriorly

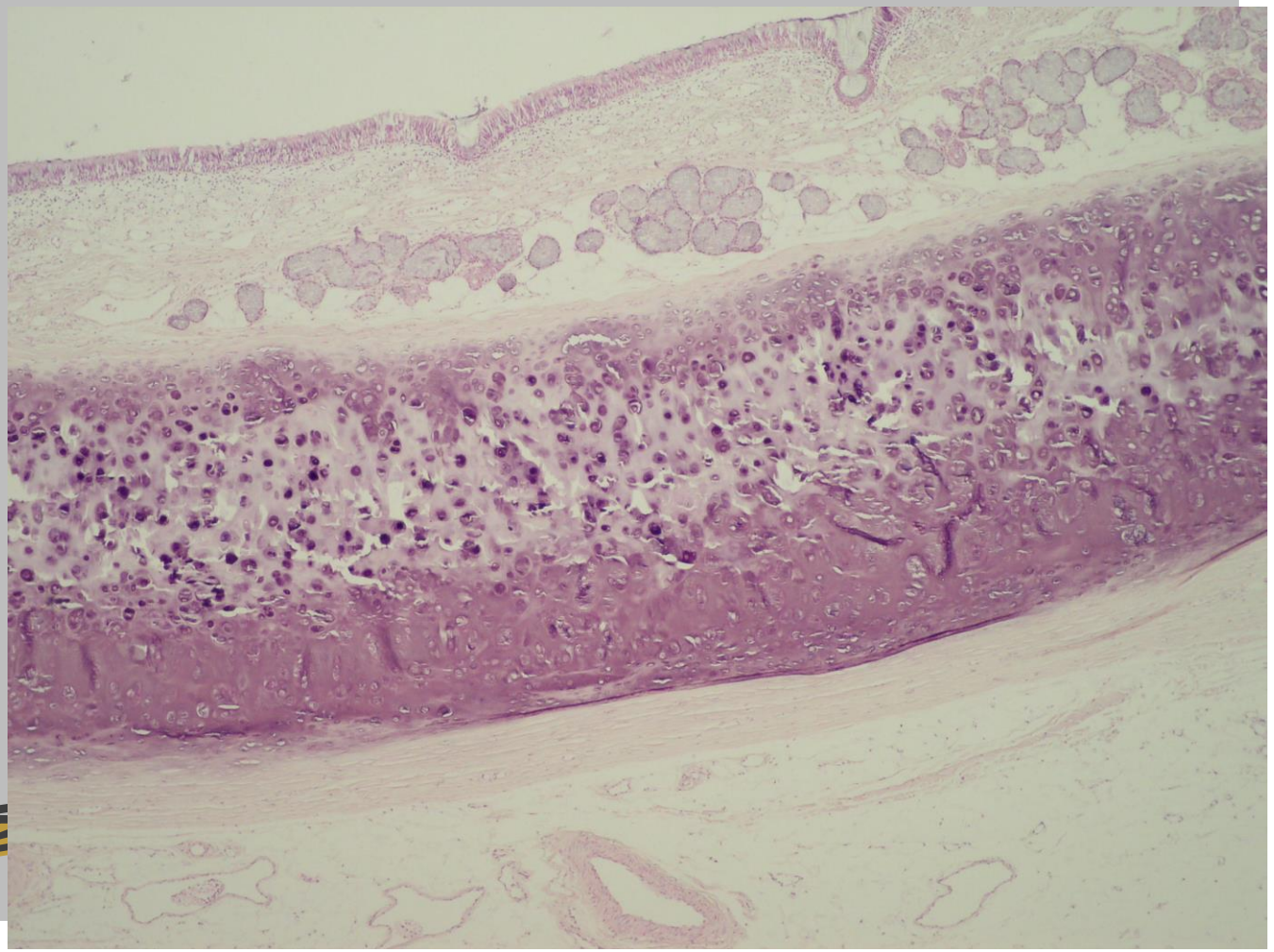
TRACHEALIS (SMOOTH) MUSCLE


1
2

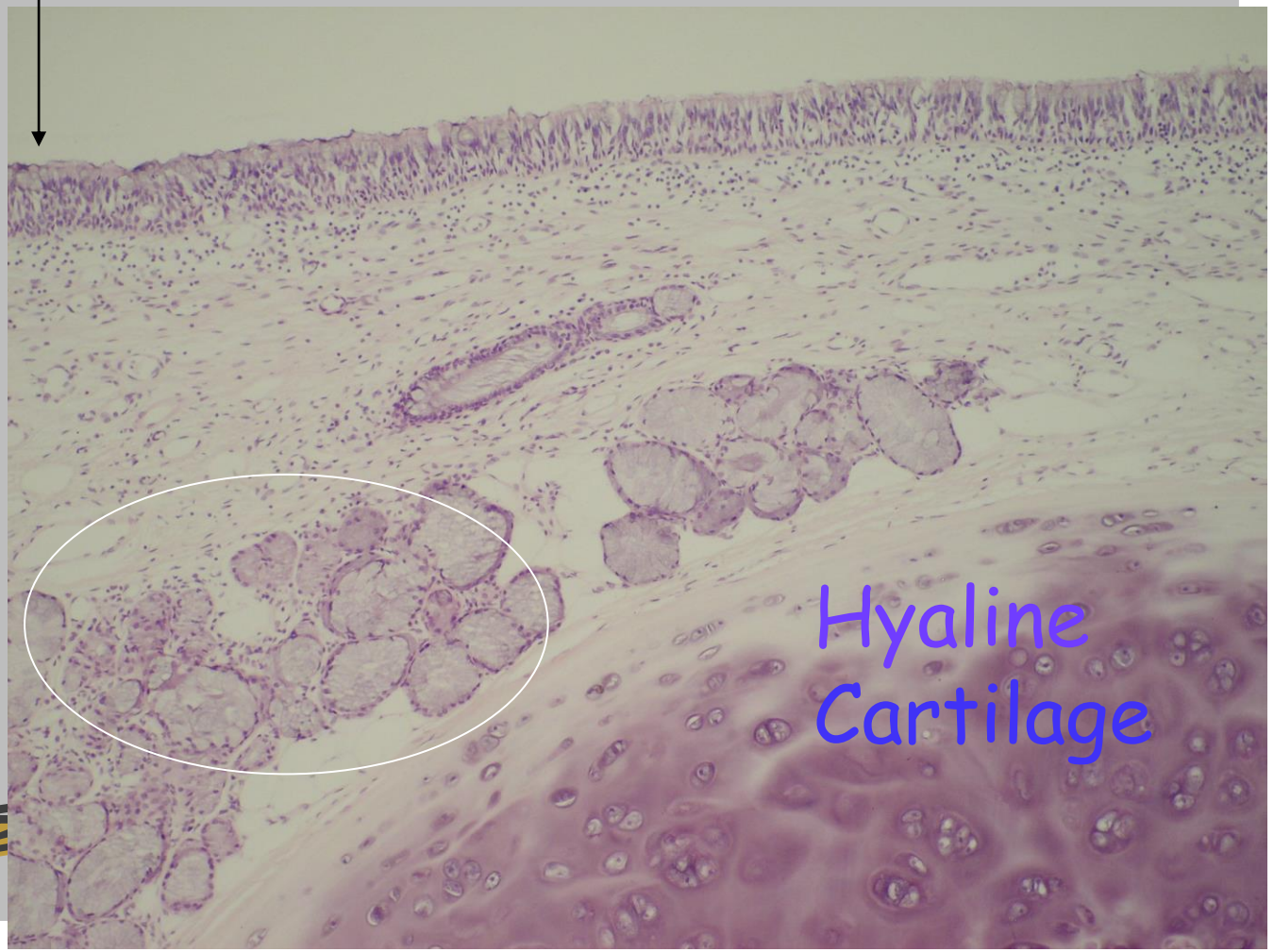
TRACHEALIS (SMOOTH) MUSCLE

MUCOSA ,SUBMUCOSA,CARTILAGE.ADVENTITIA

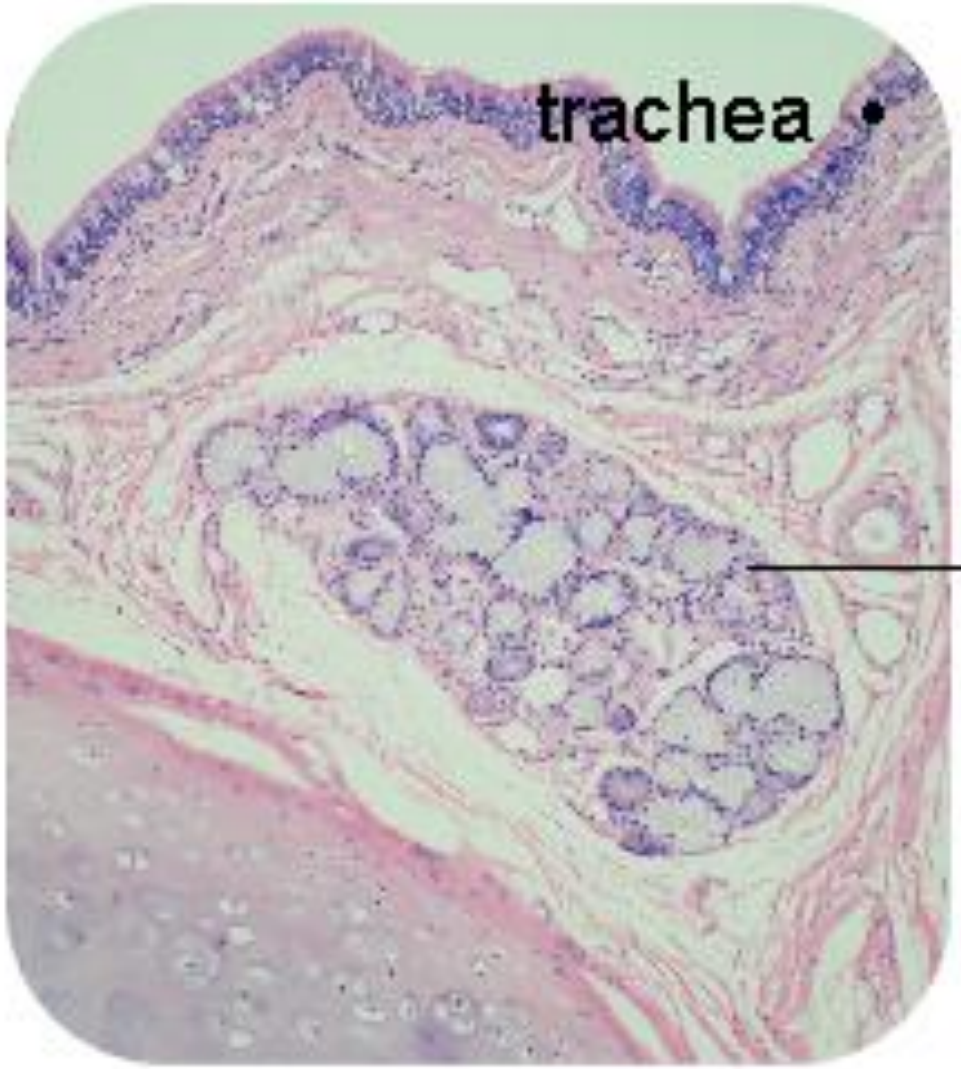


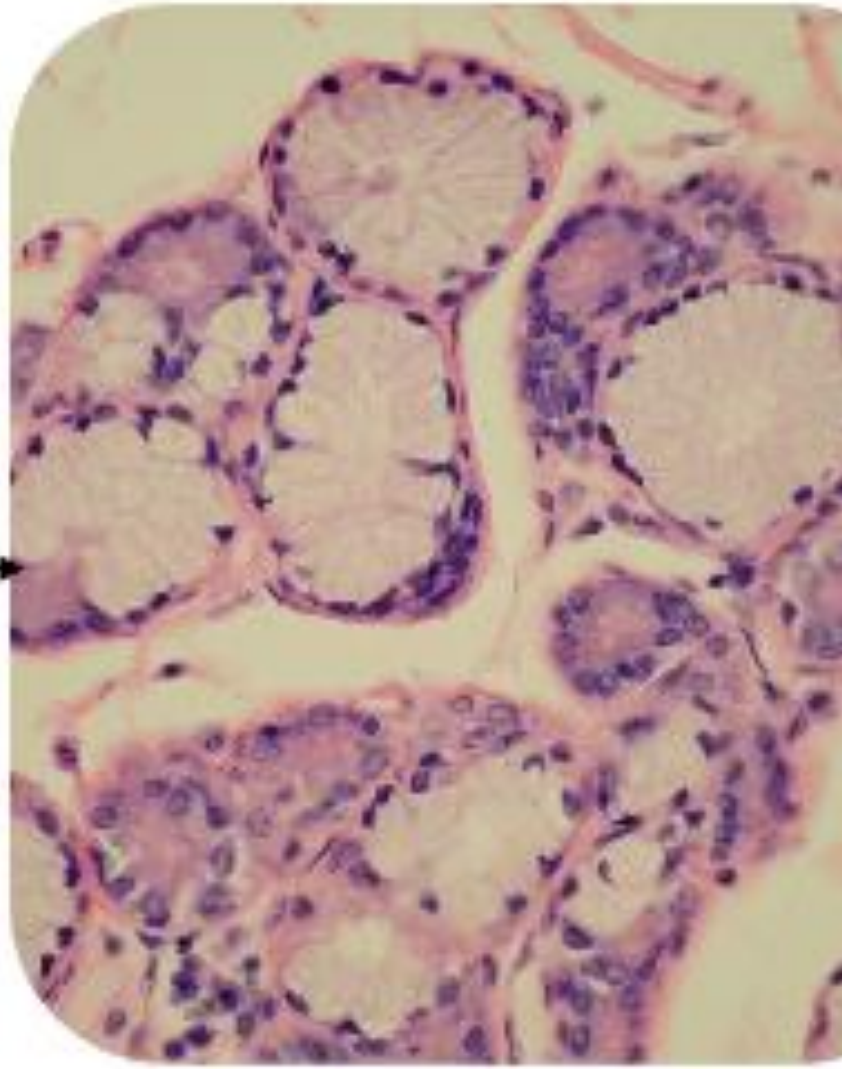


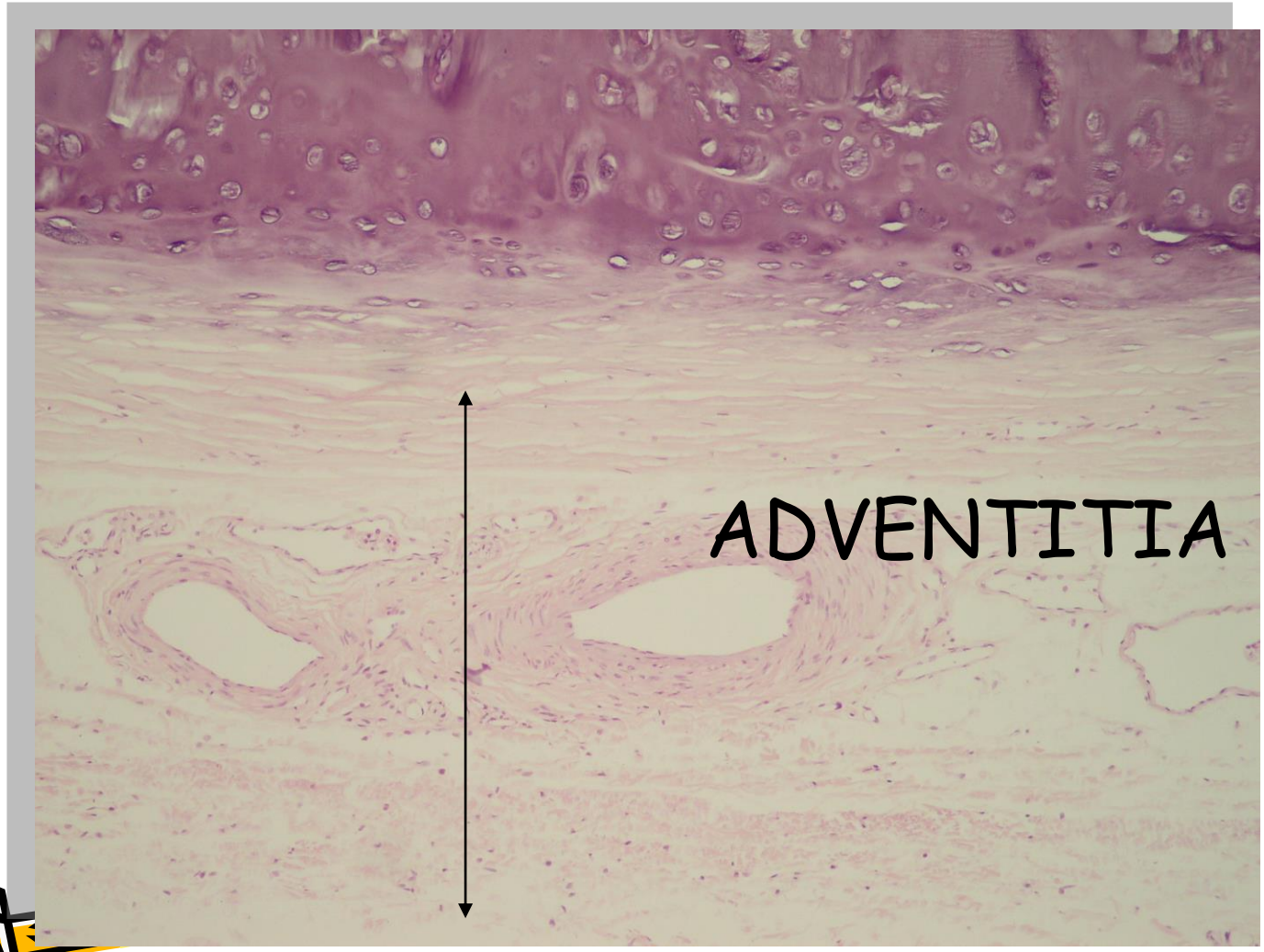
RESPIRATORYEPITHELIUM TRACHEAL GLAND IN SUBMUCOSA



Branched seromucous gland

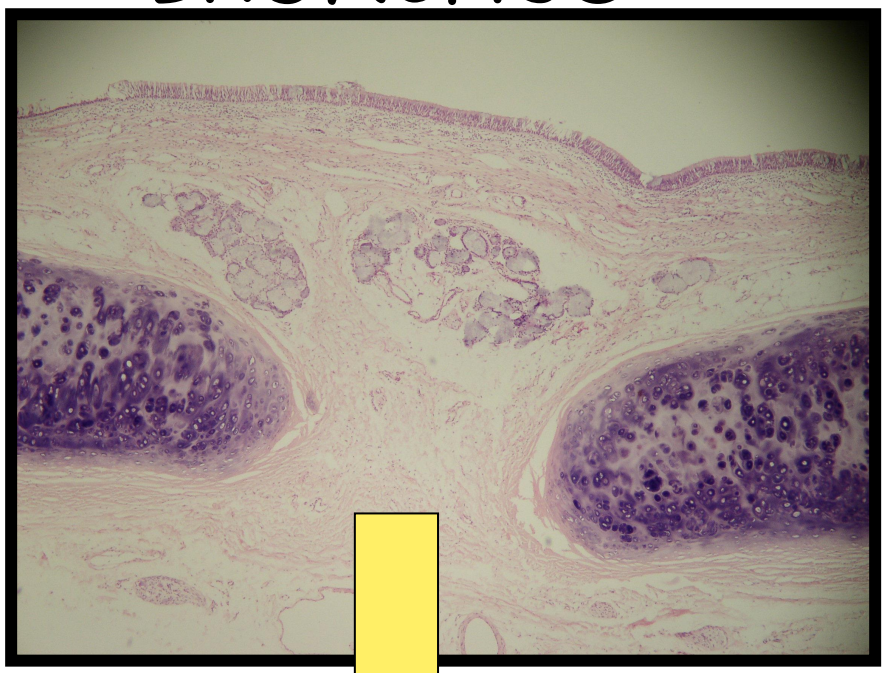




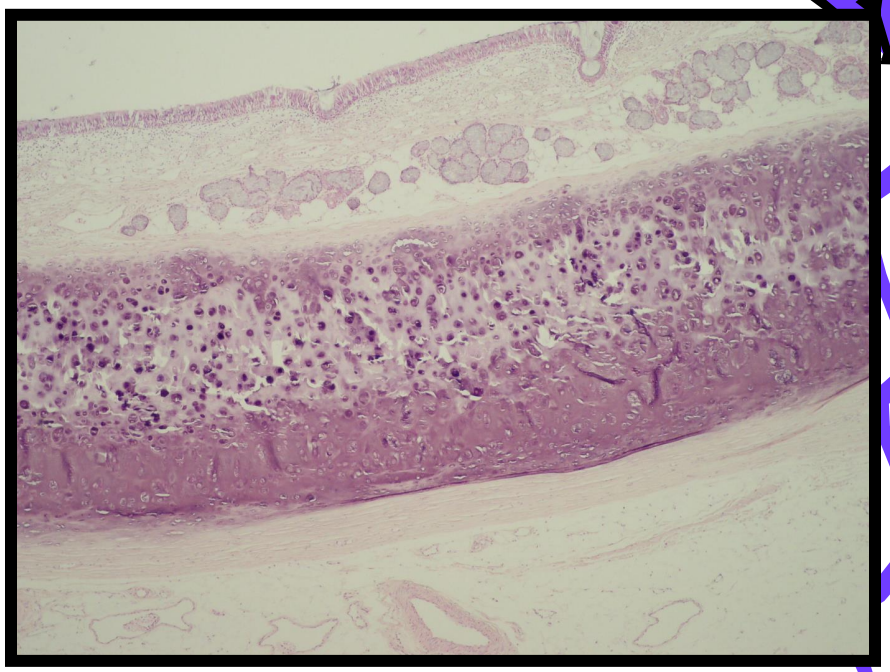

ADVENTITIA

EXTRAPULMONARY

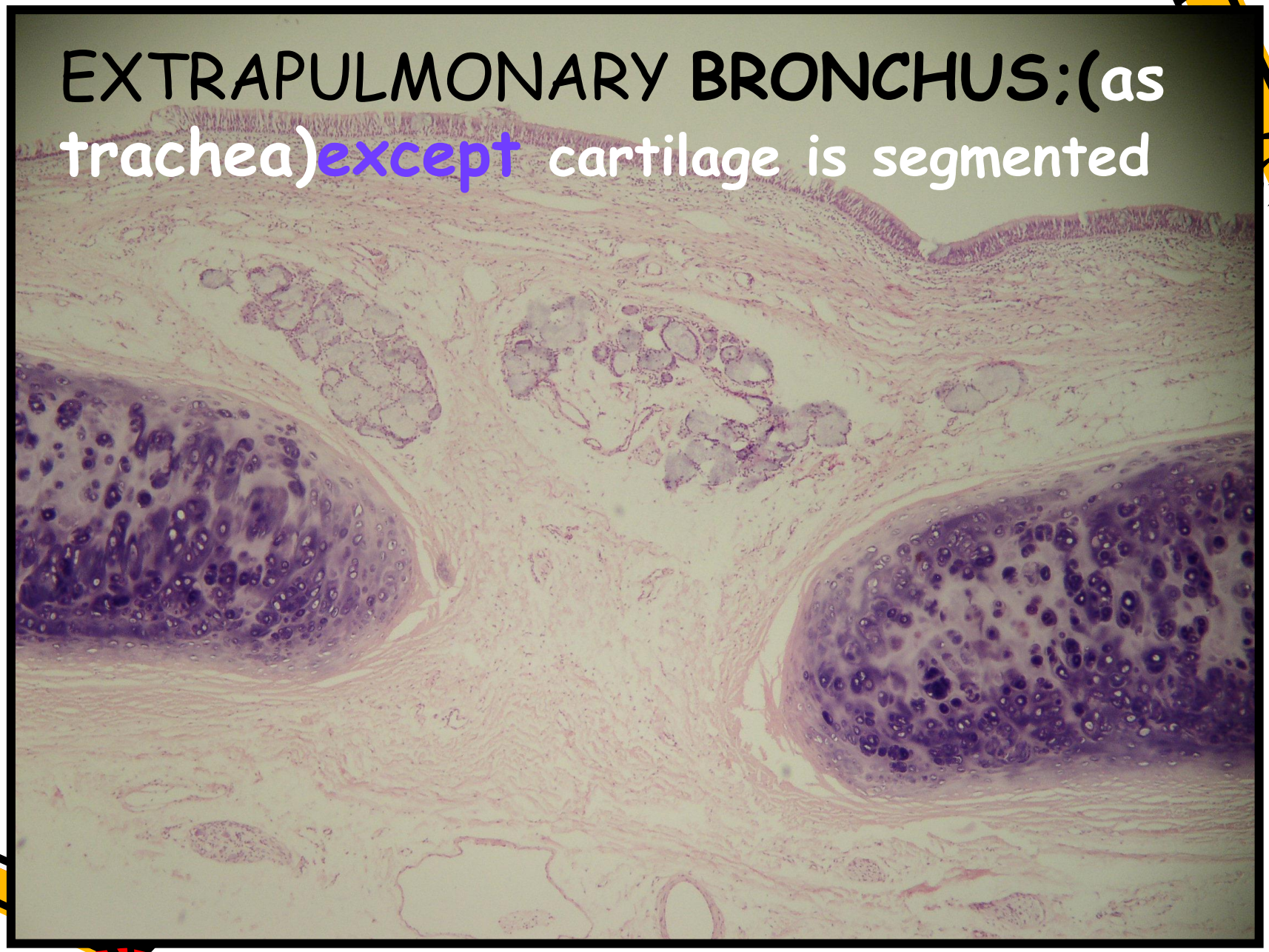
BRONCHUS



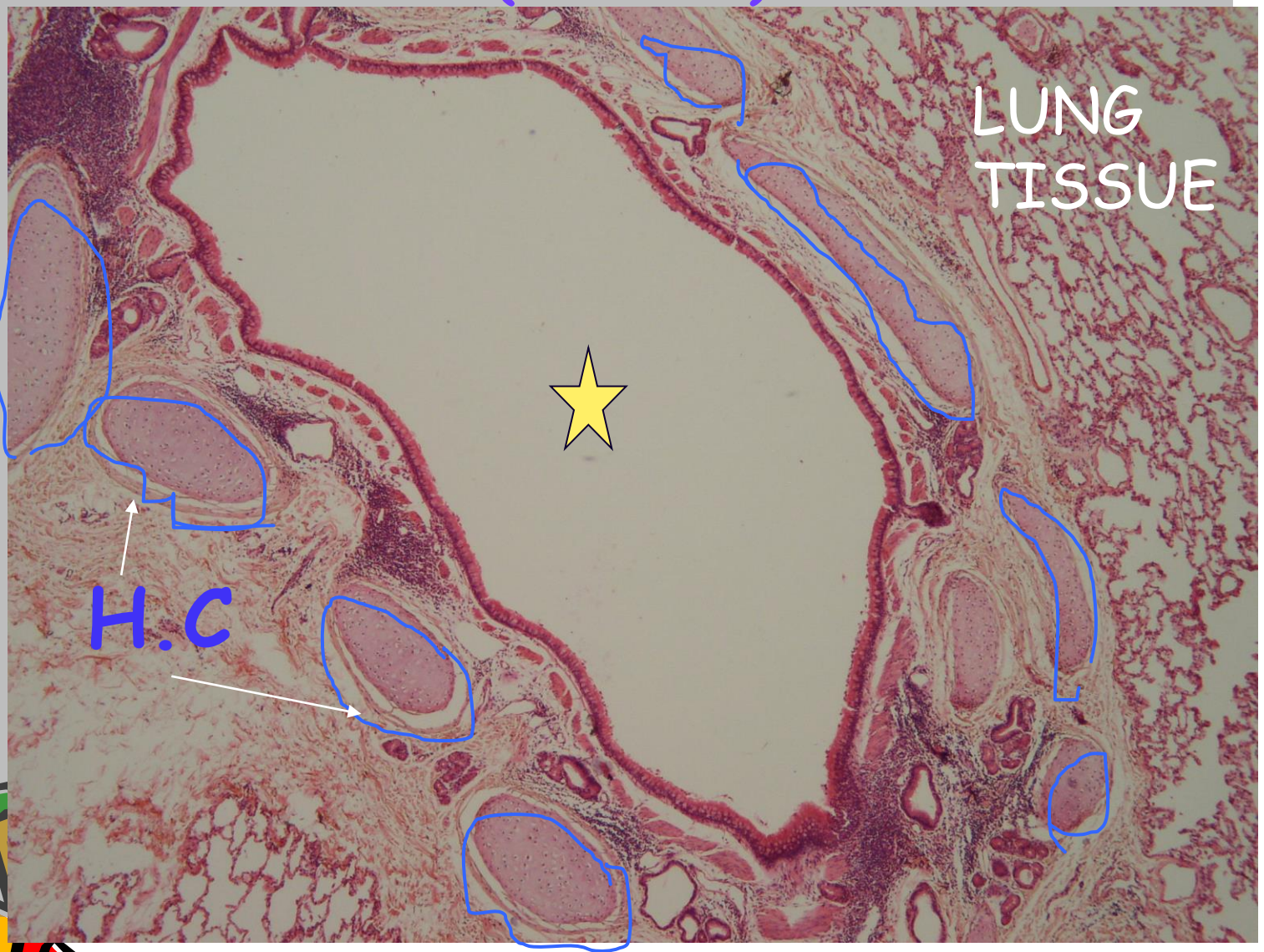
TRACHEA

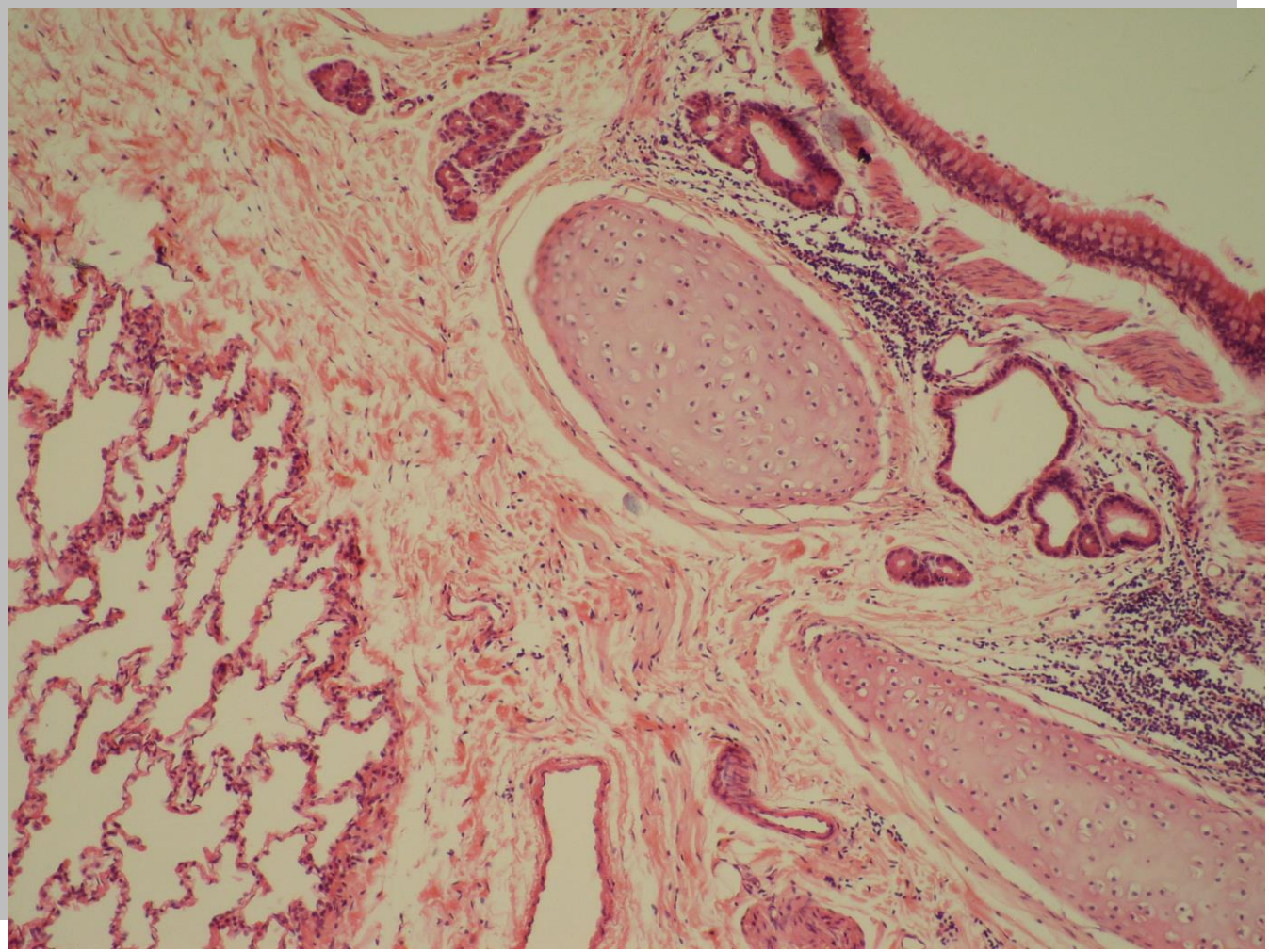


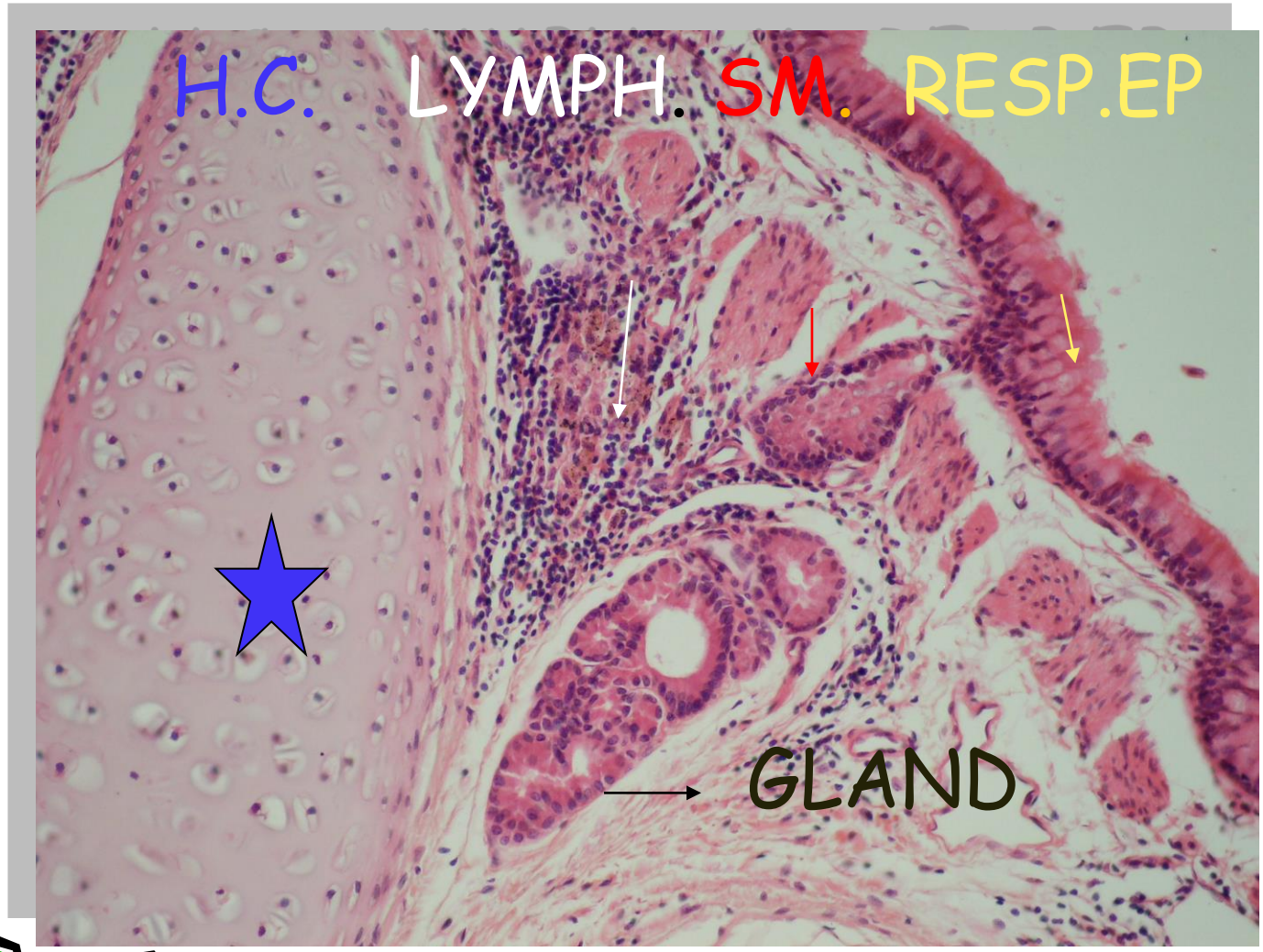
EXTRAPULMONARY BRONCHUS;(as trachea)except cartilage is segmented



INTRAPULMONARY BRONCHUS (LARGE)

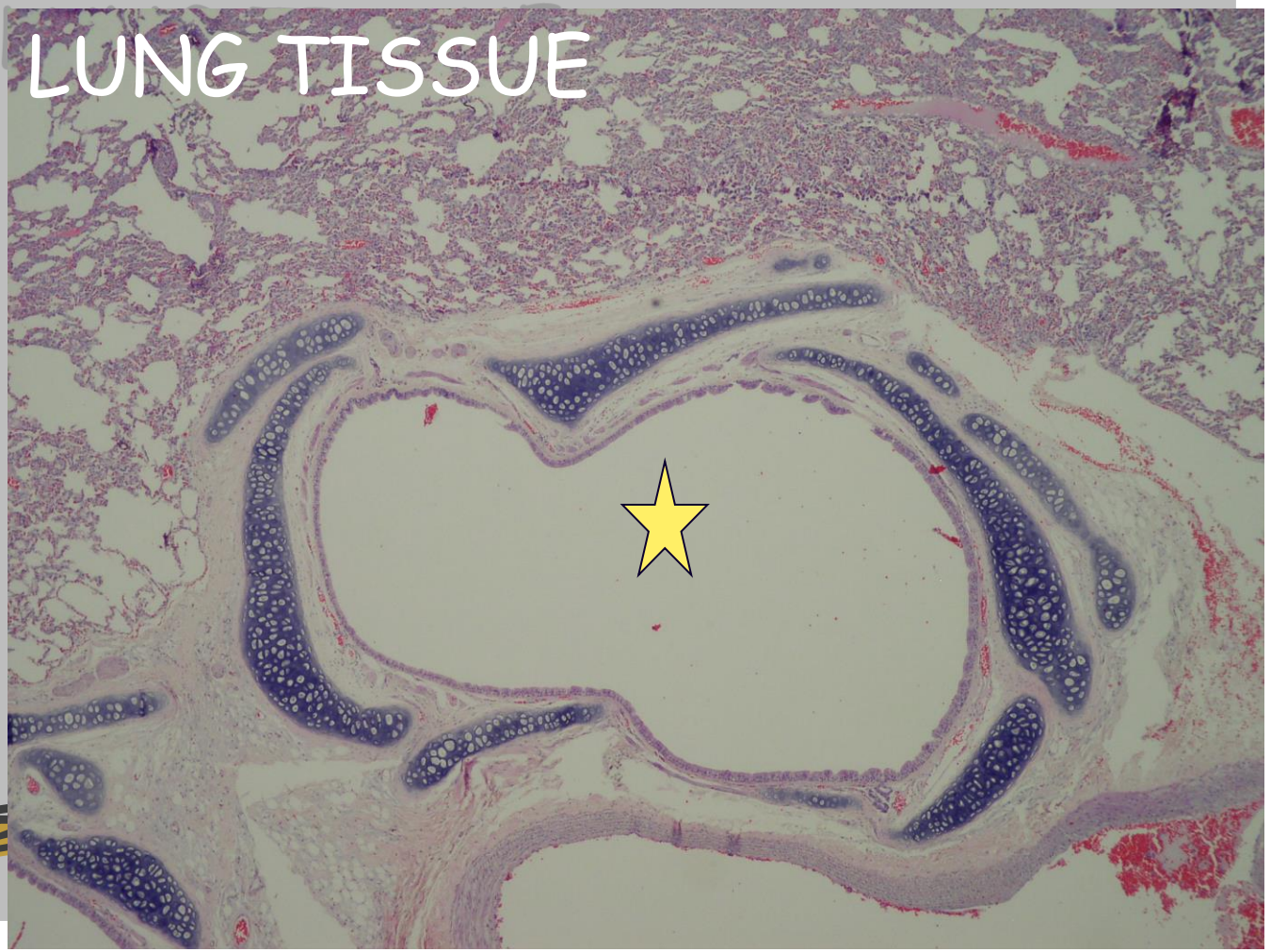





H.C.
LYMPH.
SM.
RESP.EP
GLAND

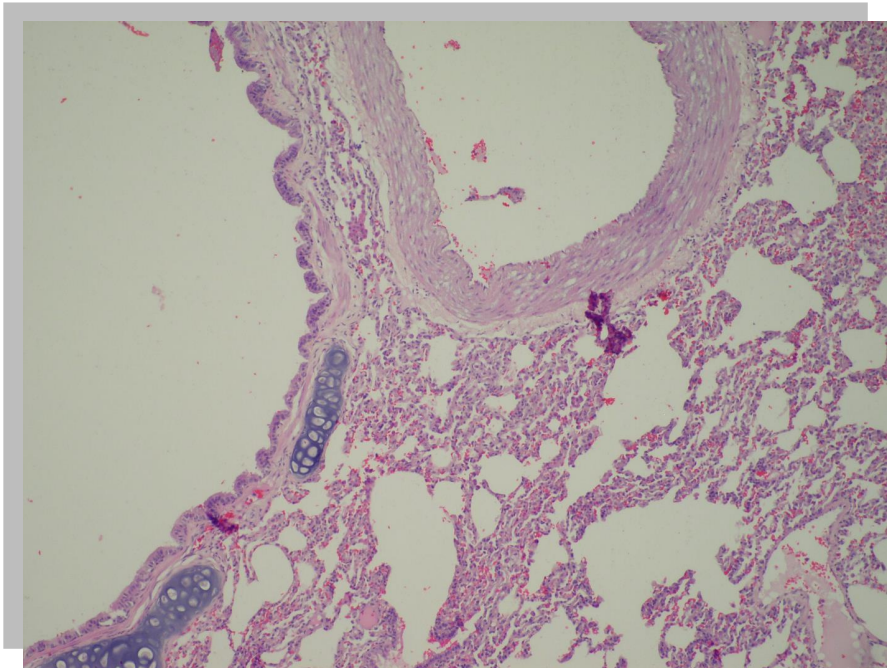
PSEUDOSTRATIFIEDCOLUMNAR CILIATED +GOBLET CELL

INTRAPULMONARY BRONCHUS- LARGE

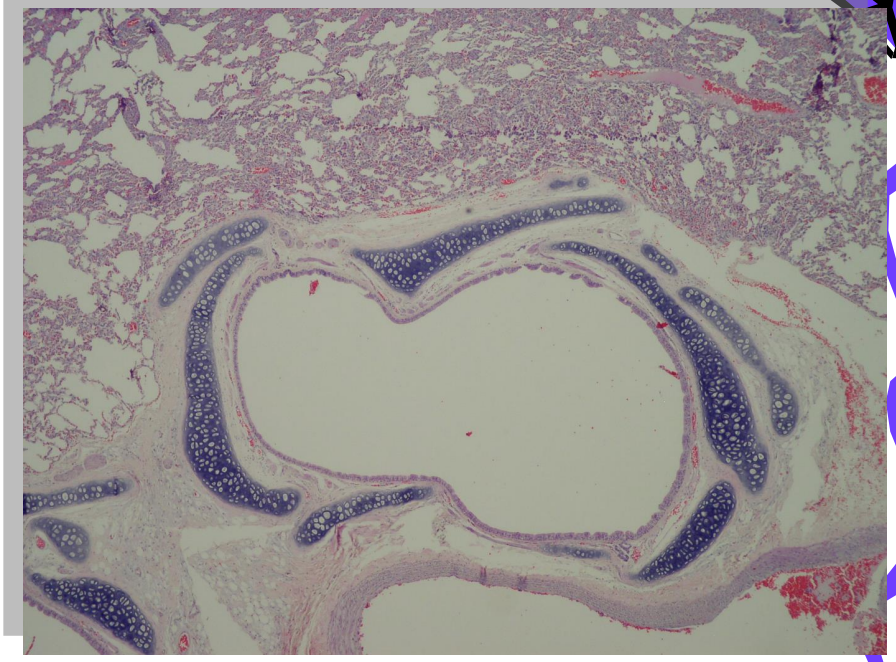


INTRAPULMONARY BRONCHUS:

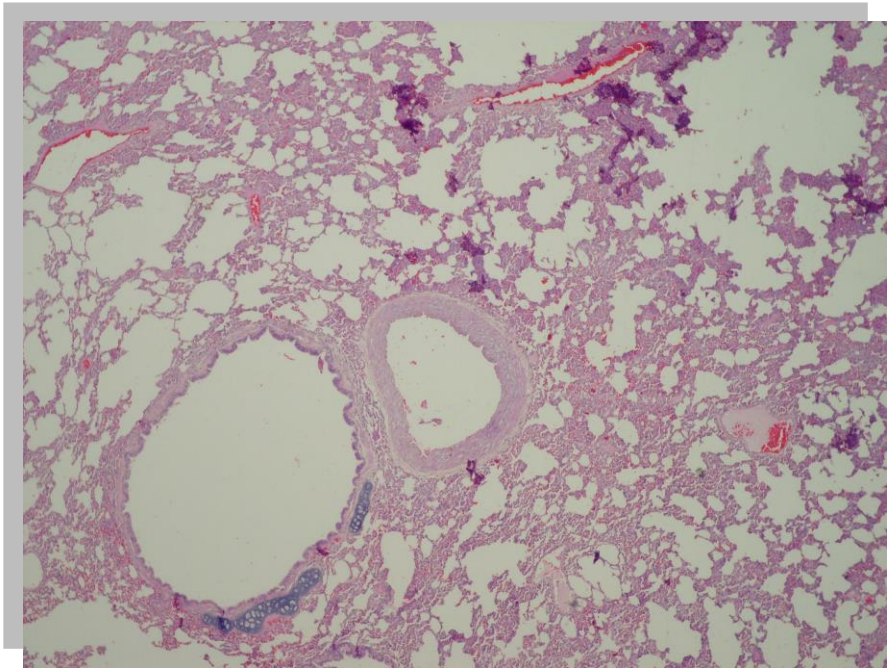
SMALL

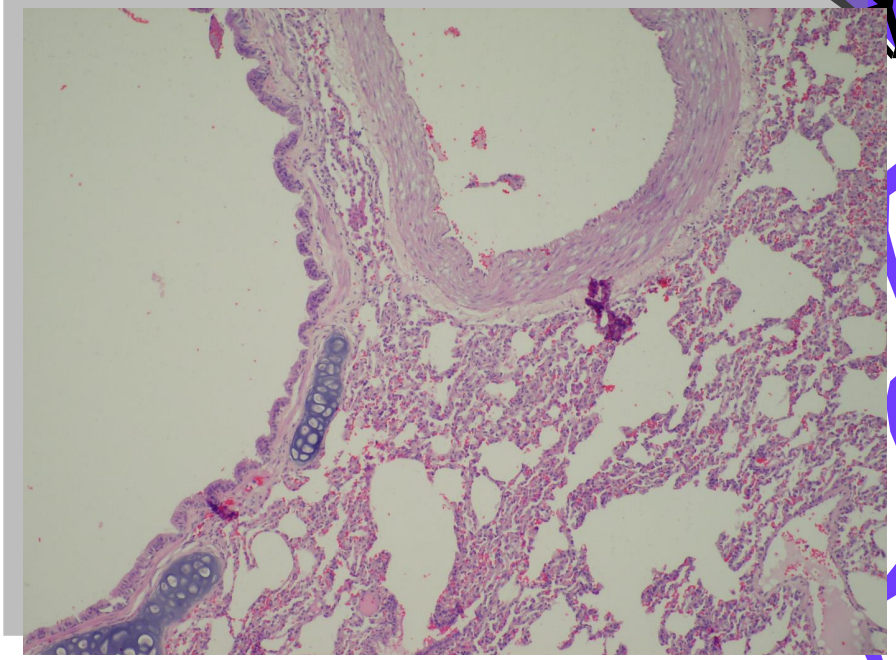


LARGE

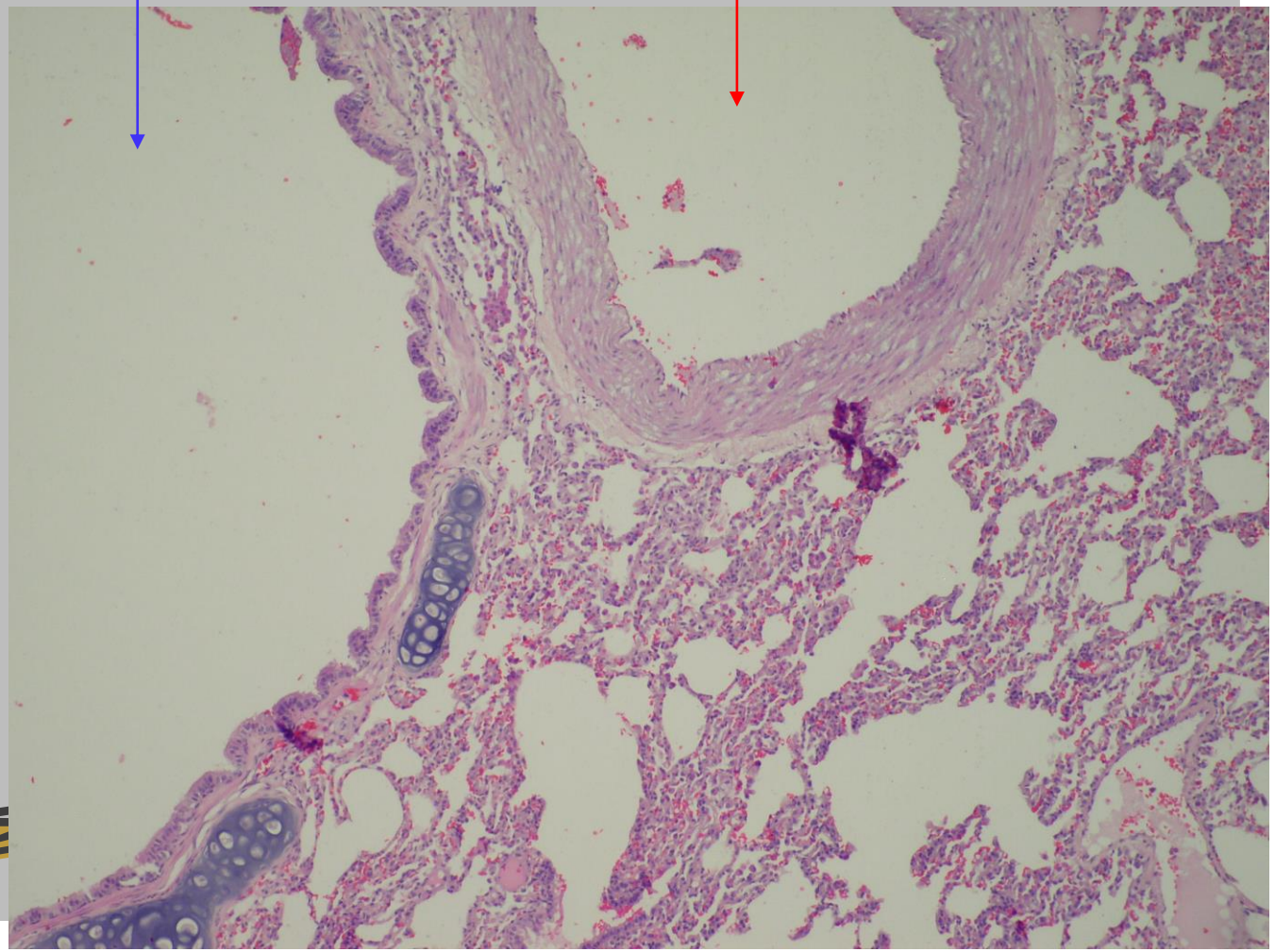


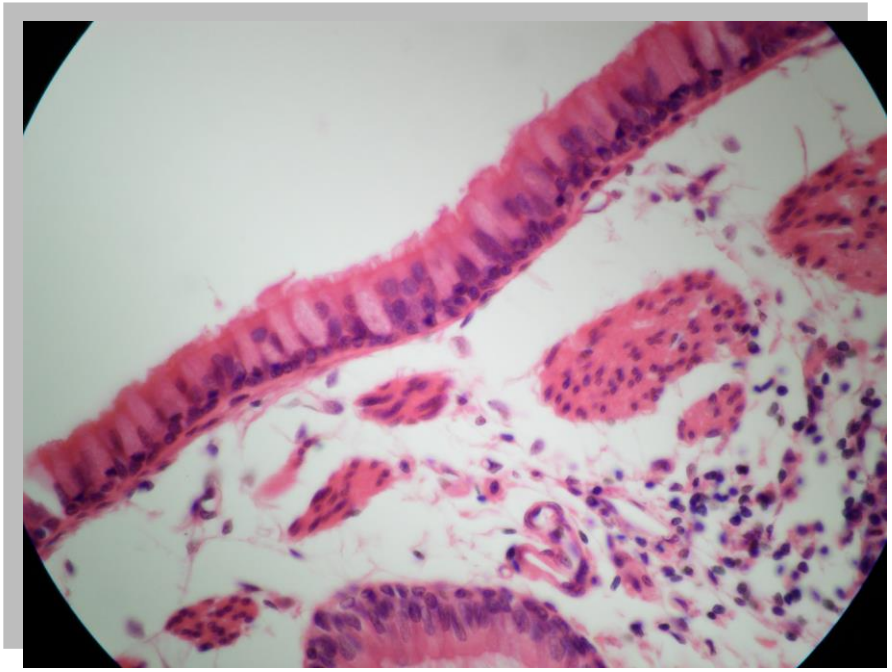
SMALL

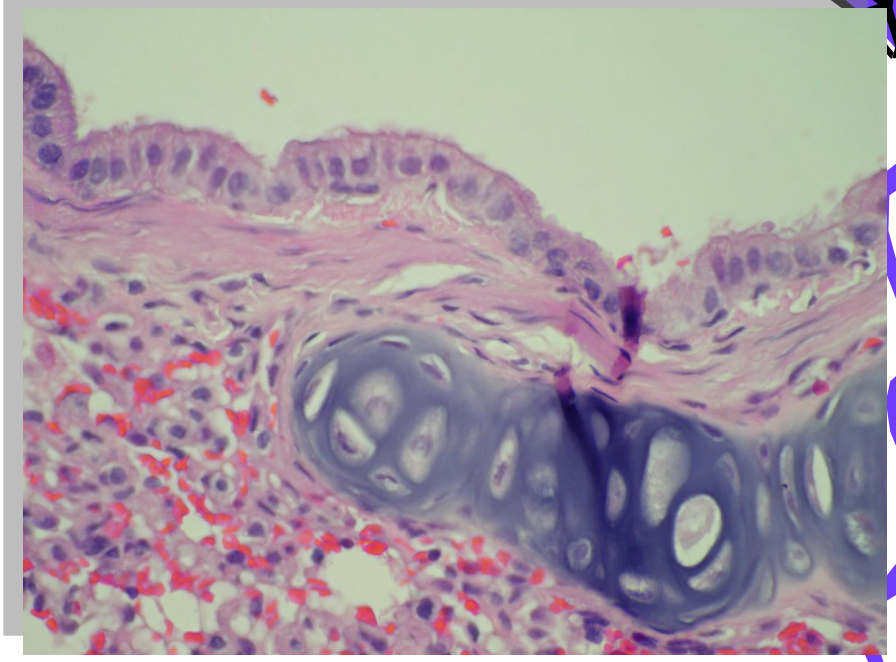


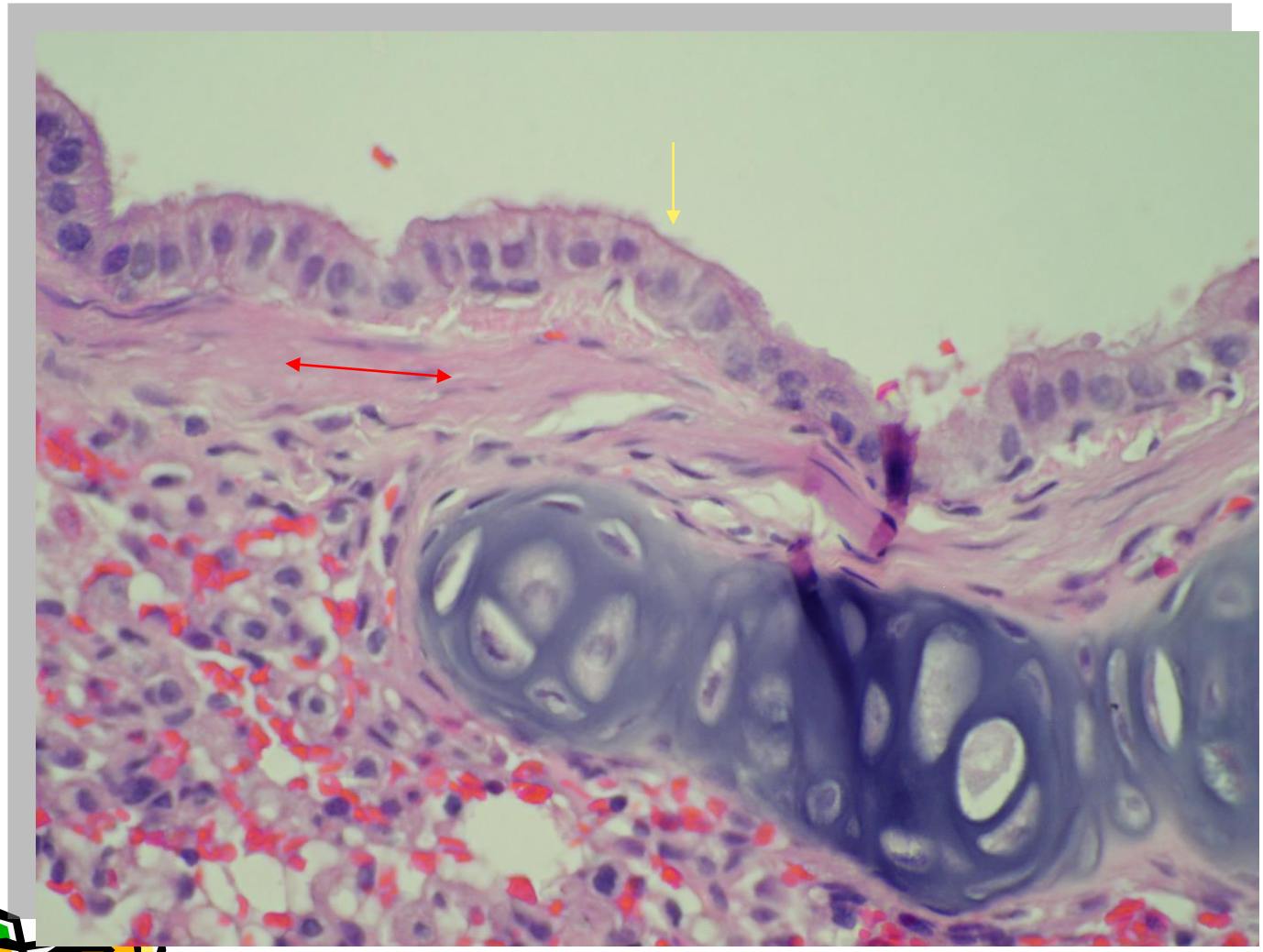


INTRAPULMONARY BRONCHUS
PULMONARY VESSEL

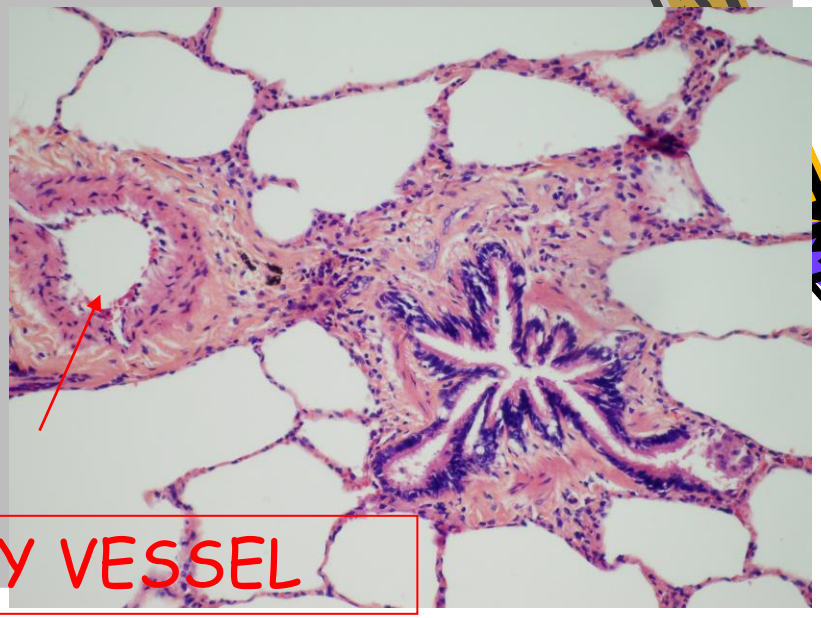




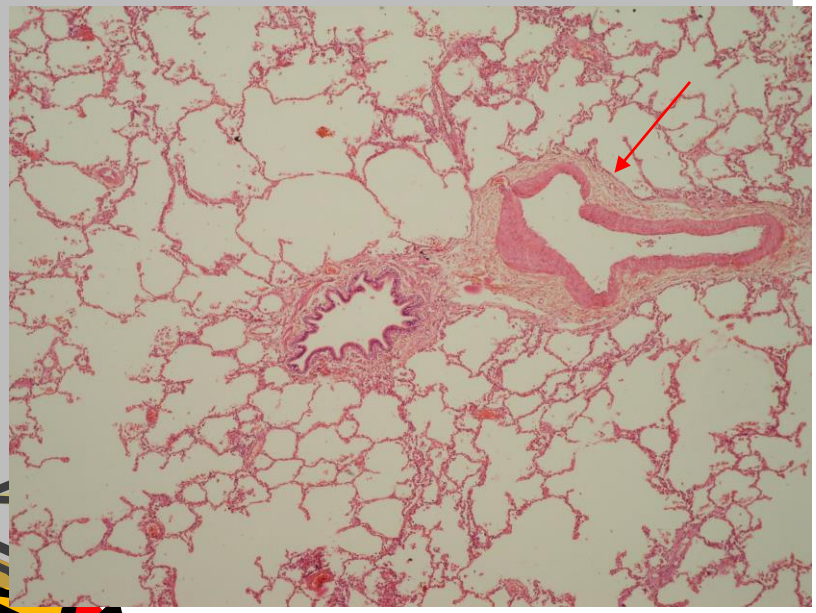


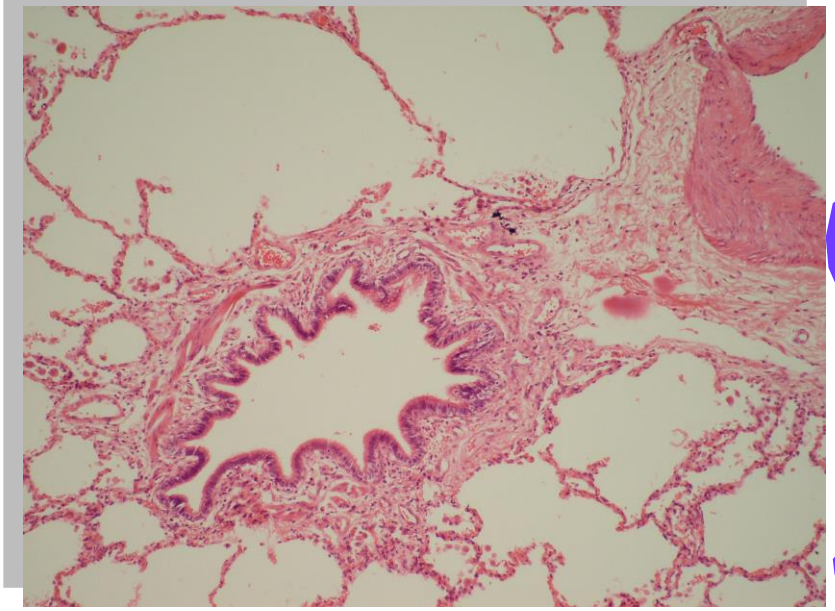


TERMINAL BRONCHIOLEs

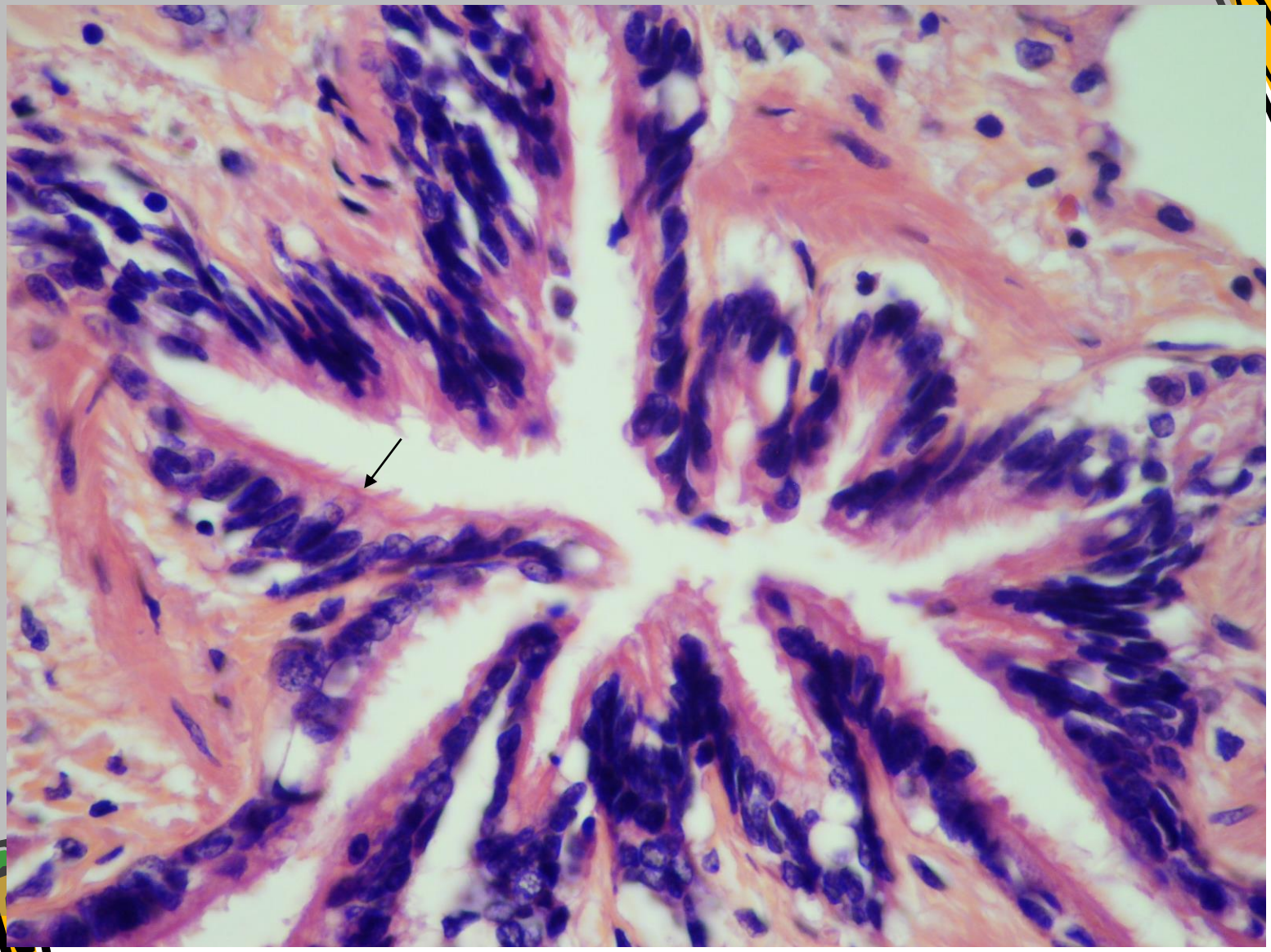


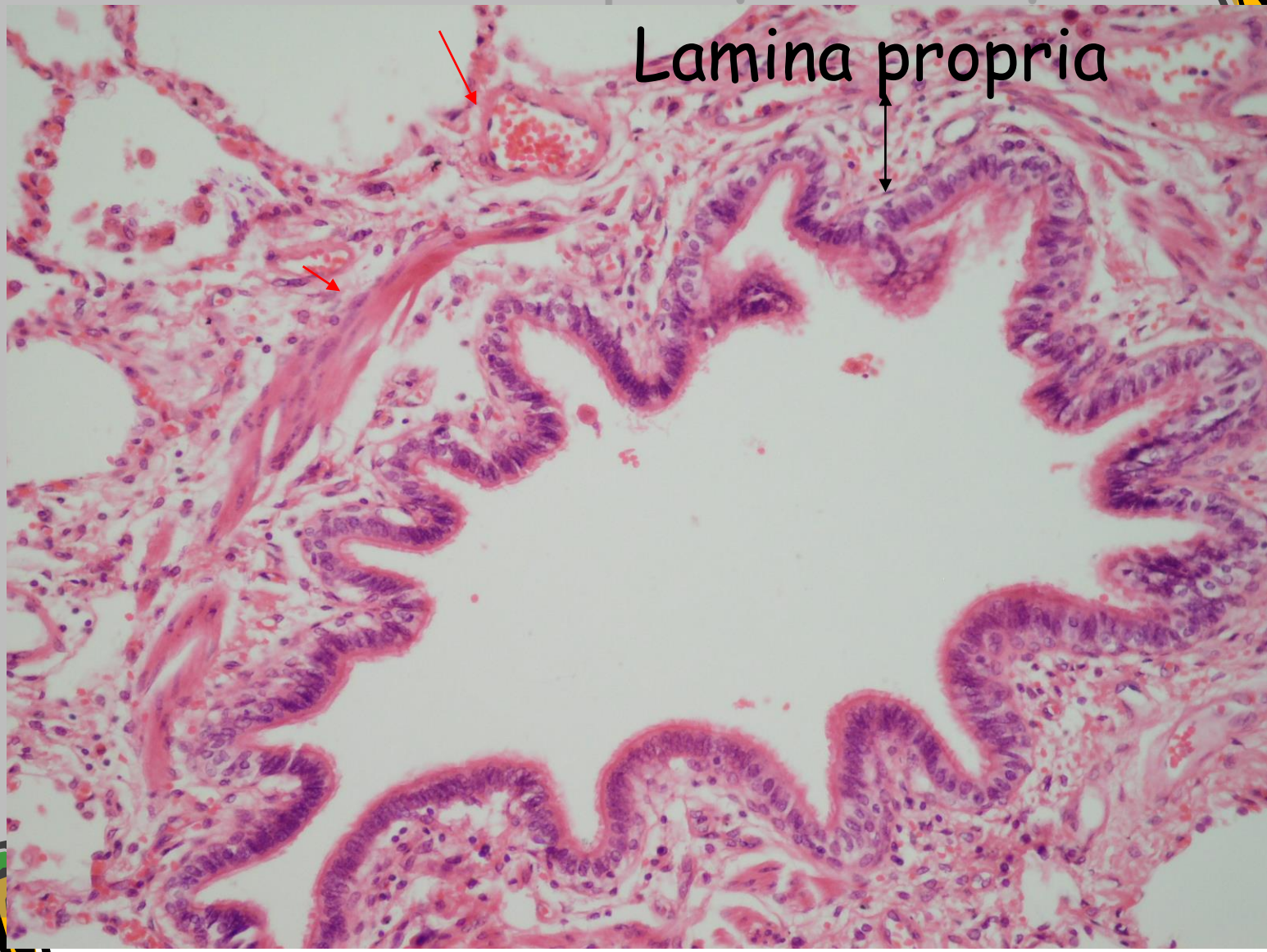
PULMONARY VESSEL

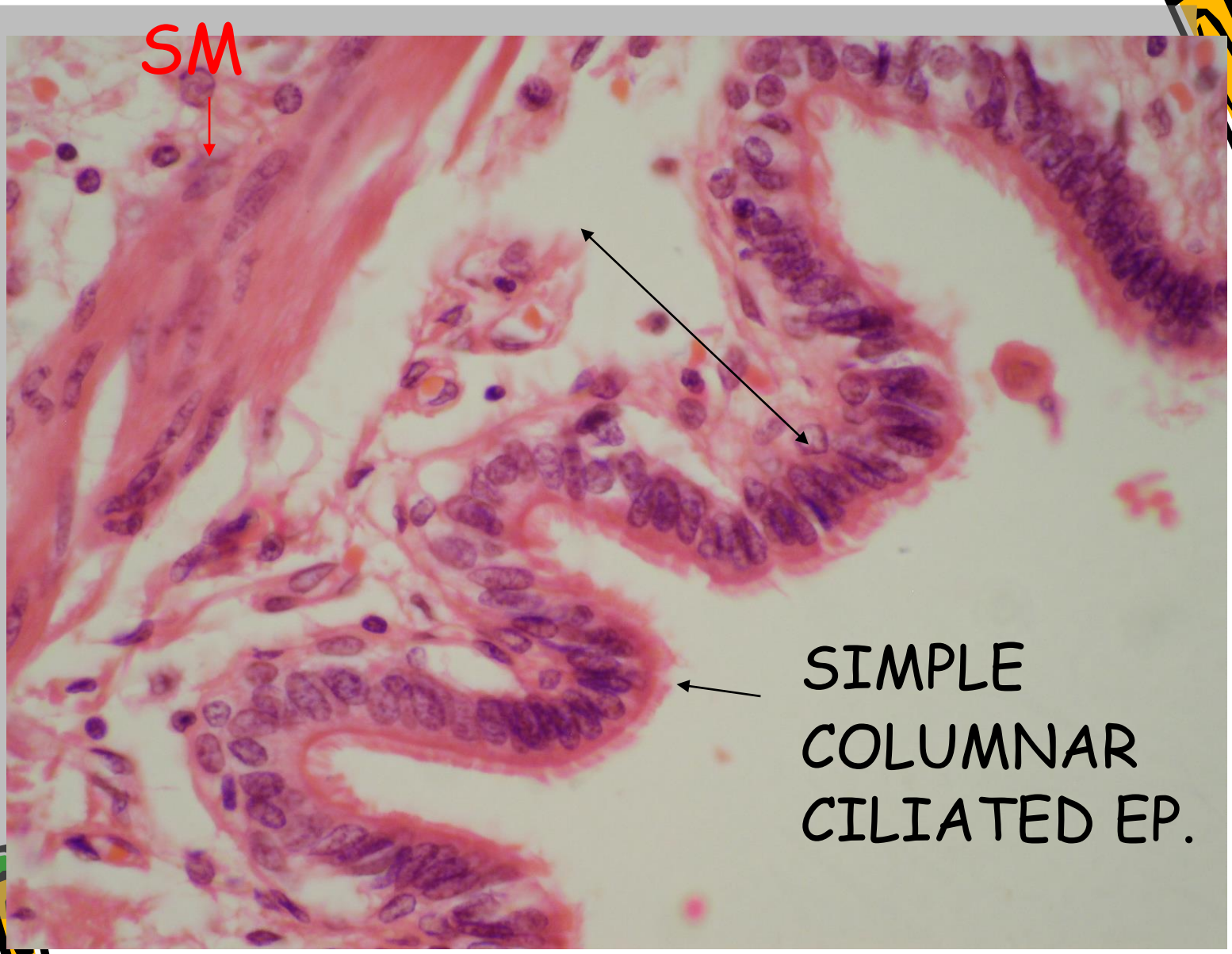




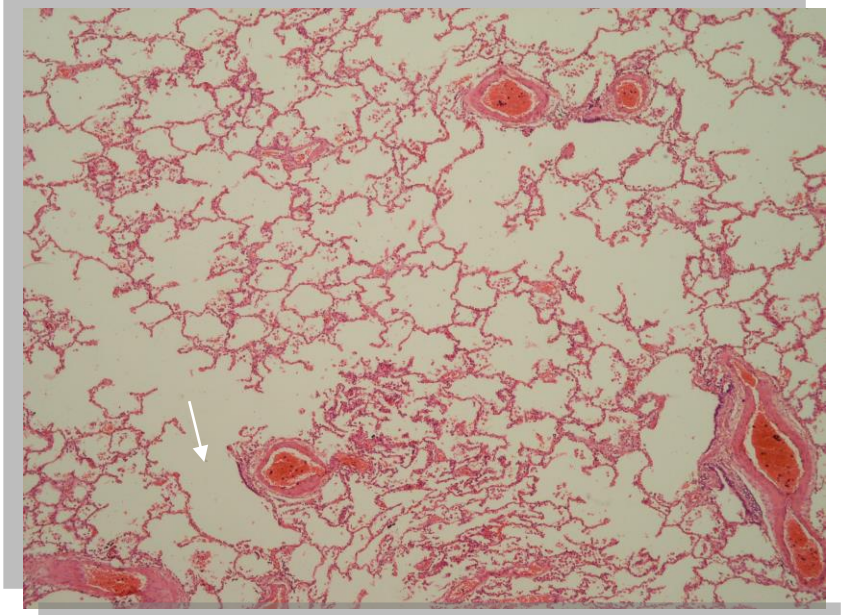
SIMPLE COLUMNAR CILIATED EP.

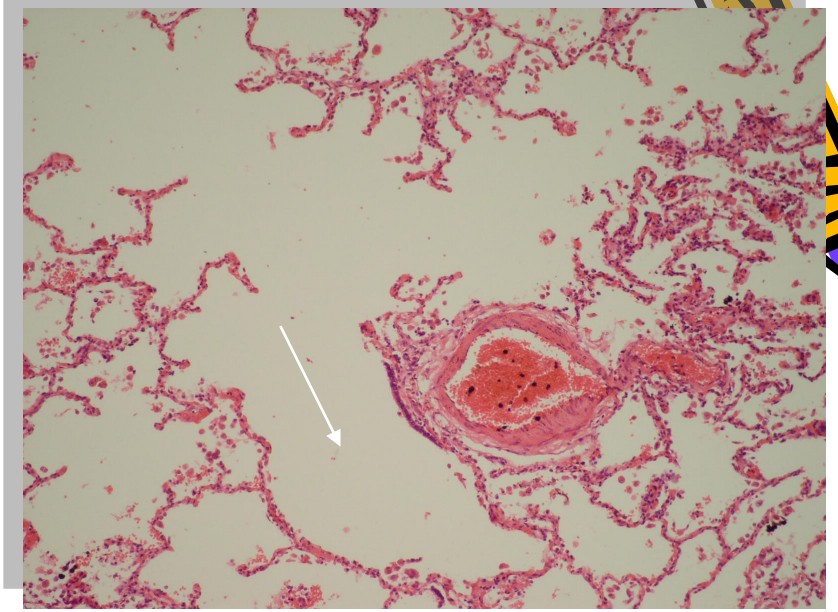


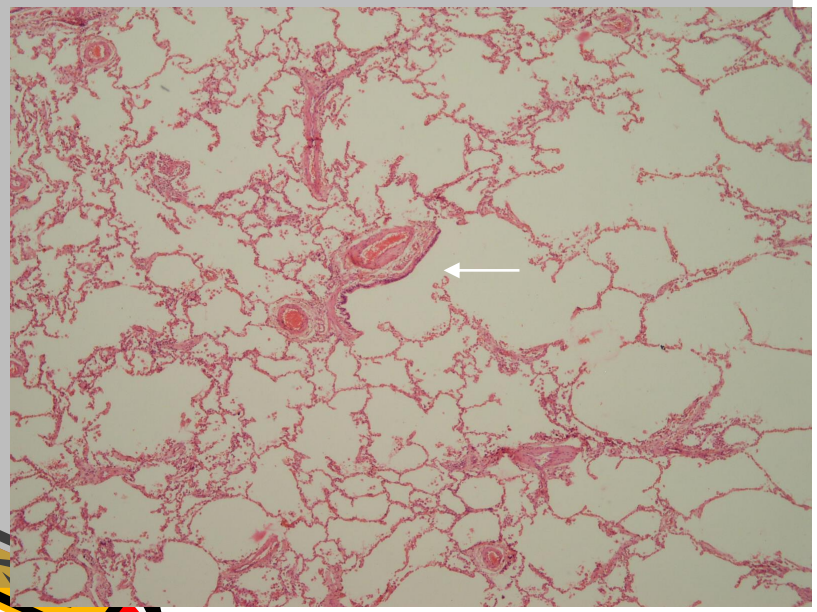

Lamina propria

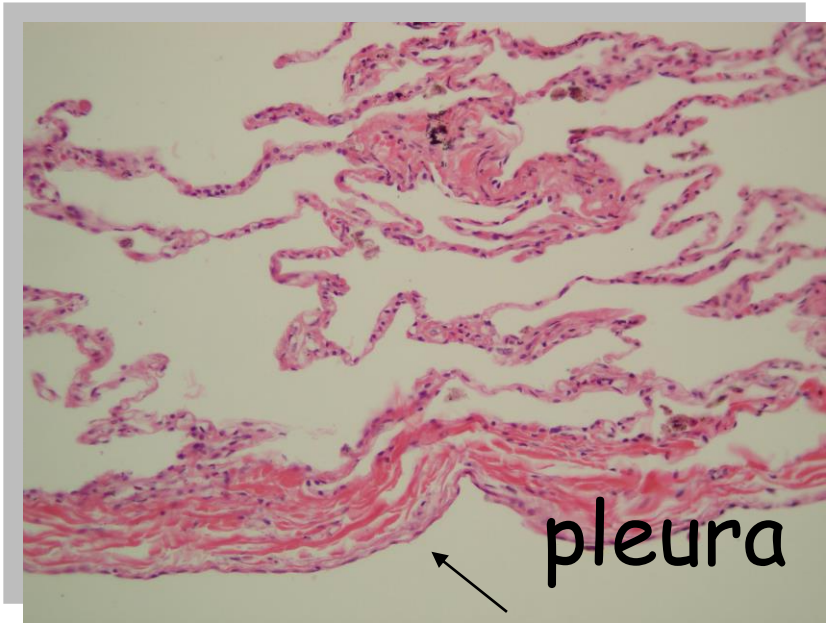

SM
SIMPLE
COLUMNAR
CILIATED EP.

Respiretory bronchioles in lung tissue

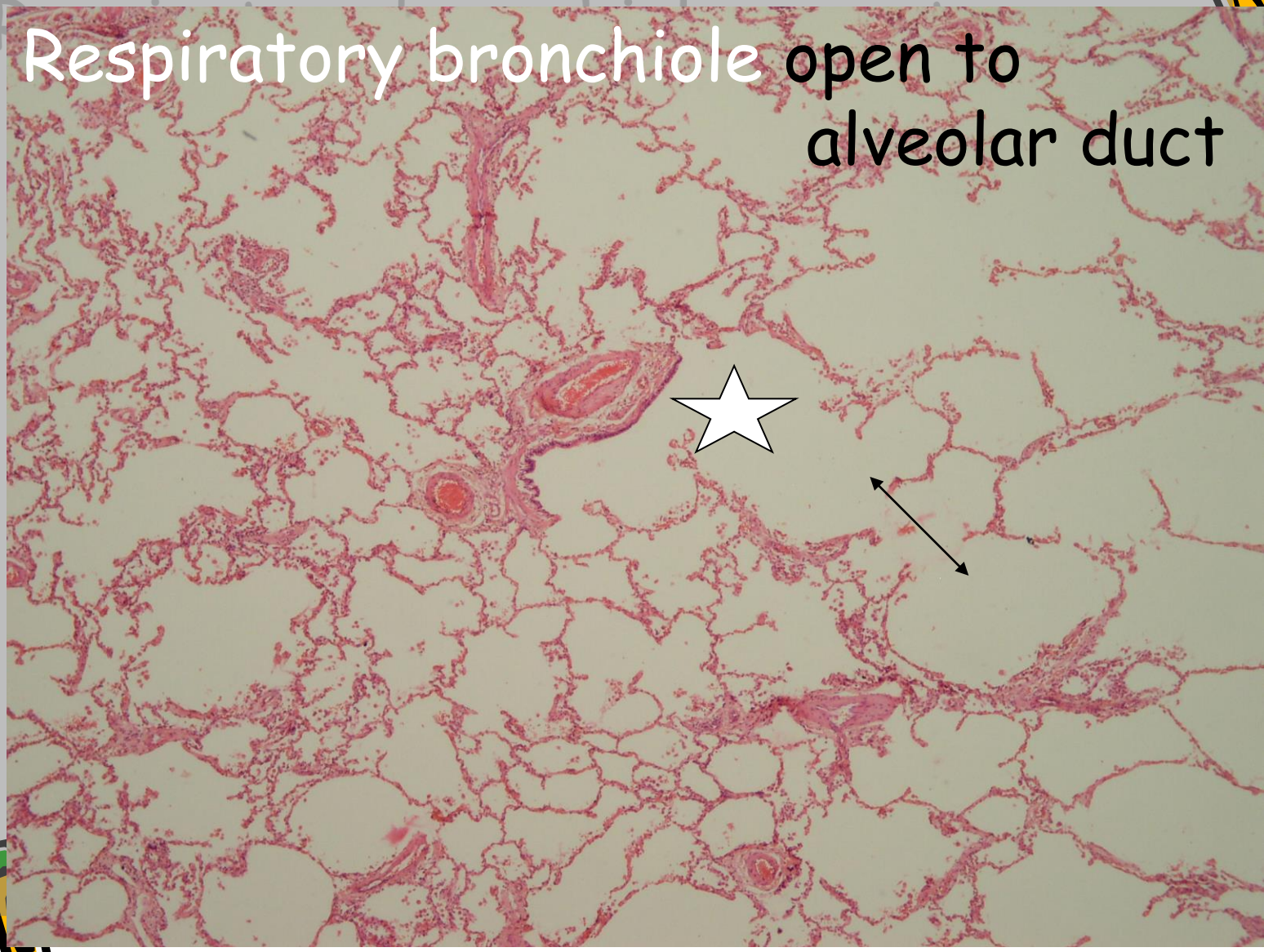


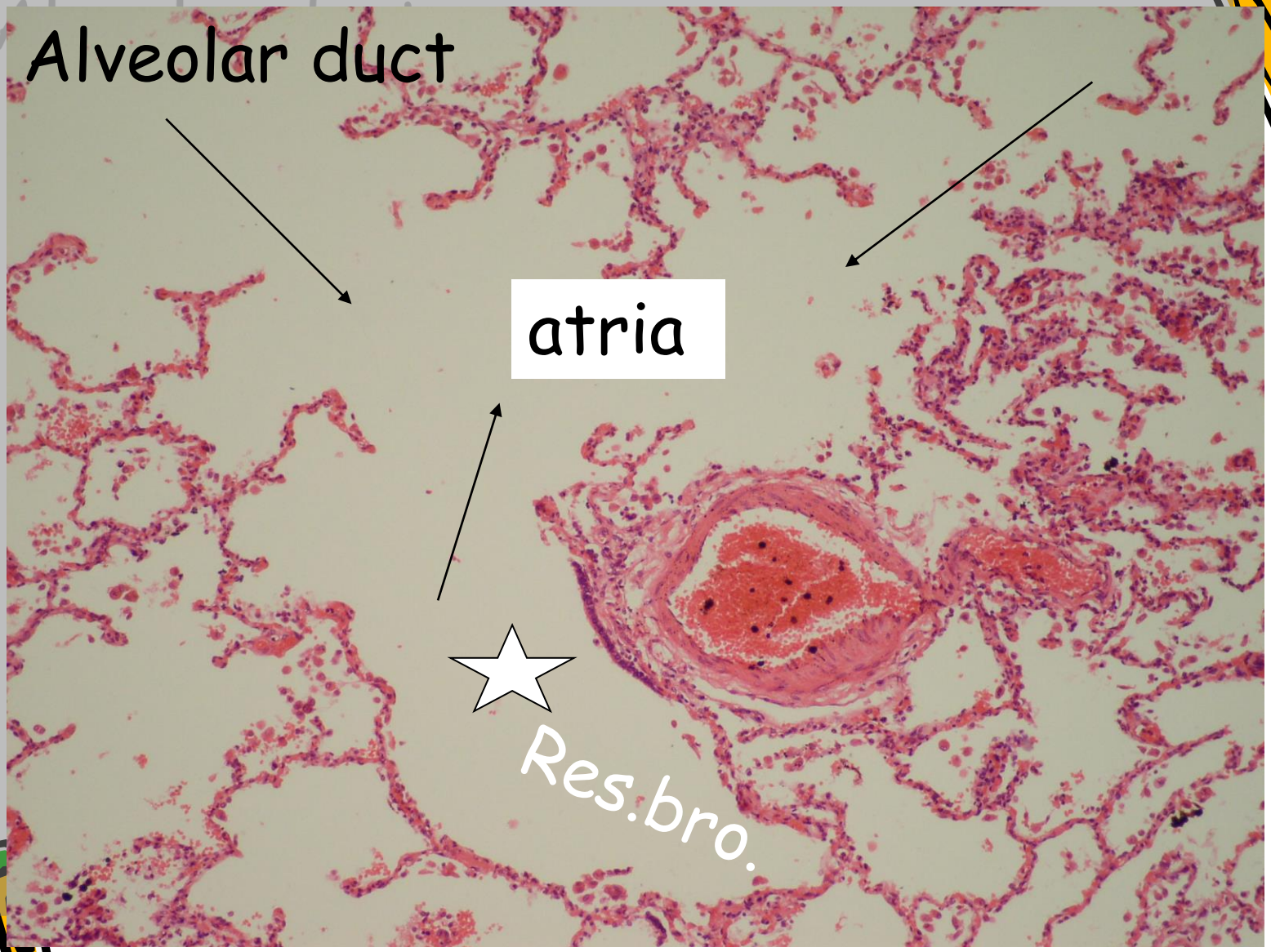


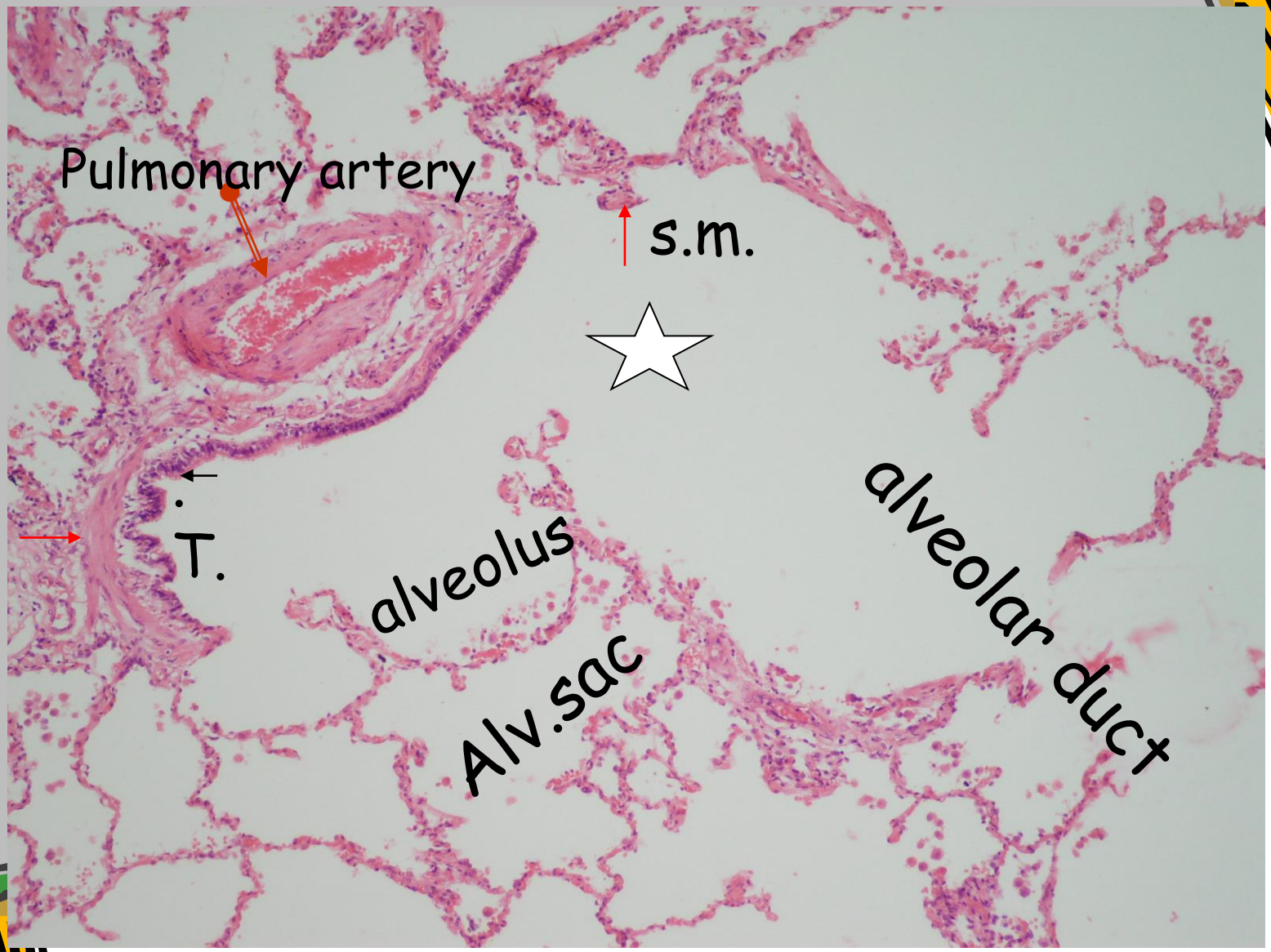




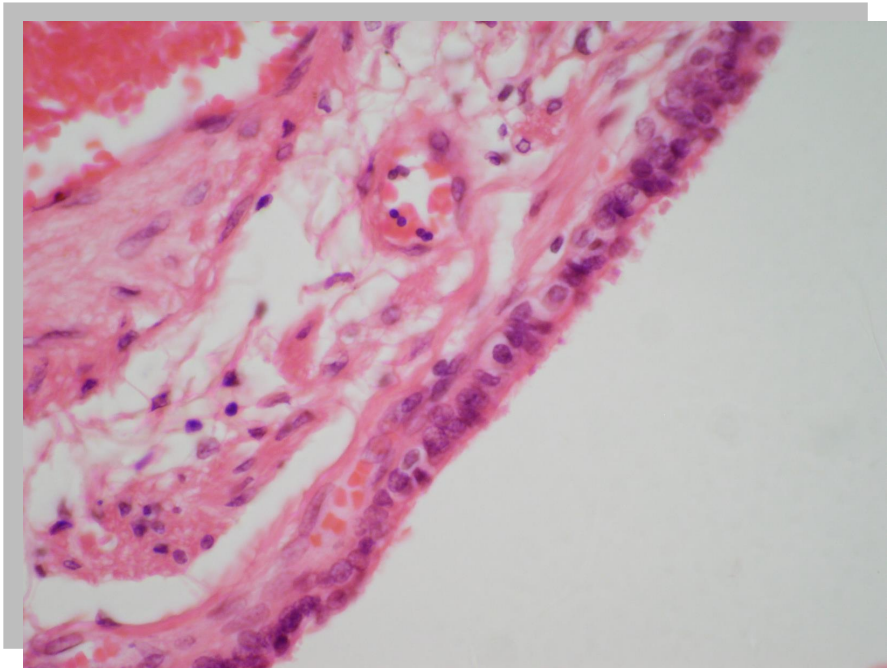
Respiratory bronchiole open to alveolar duct

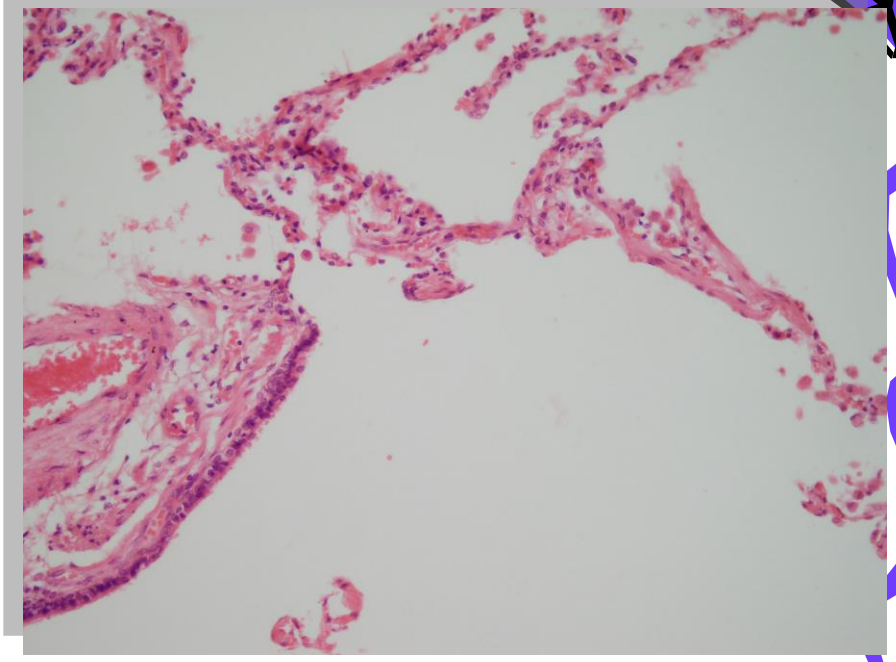


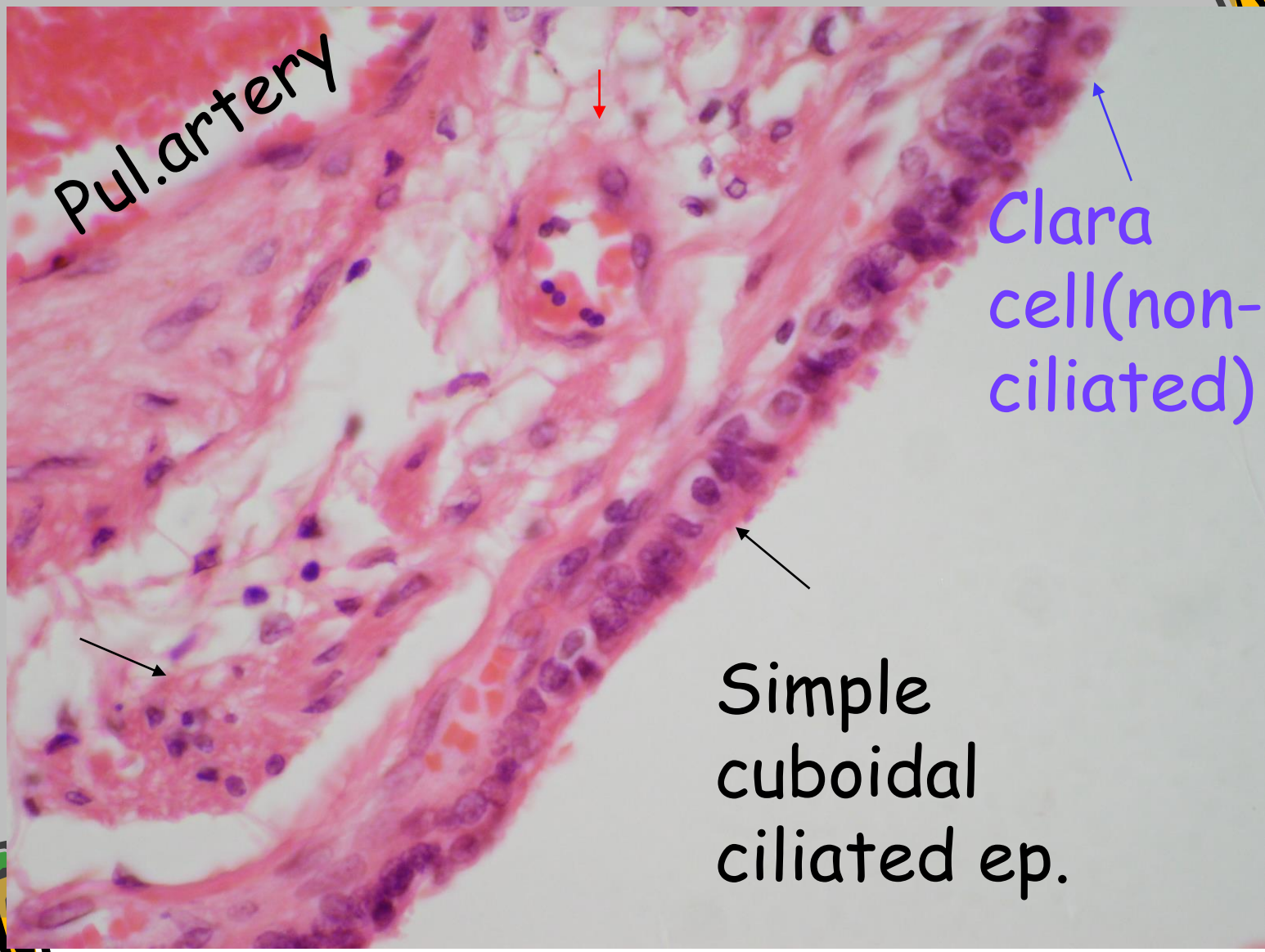

Alveolar duct
atria
Res.bro.

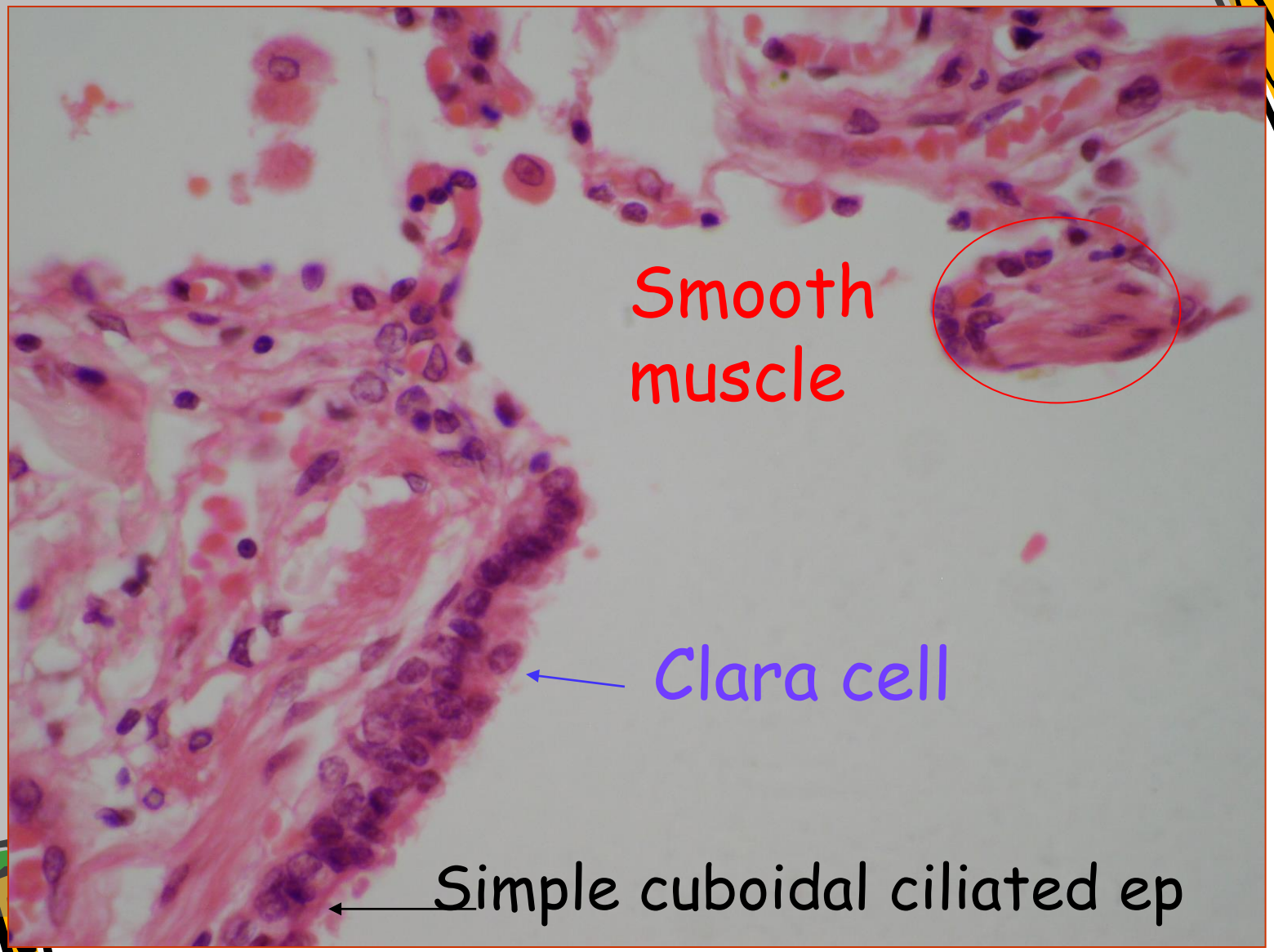

Pulmonary artery
s.m.
T.
alveolus
Alv.sac
alveolar duct

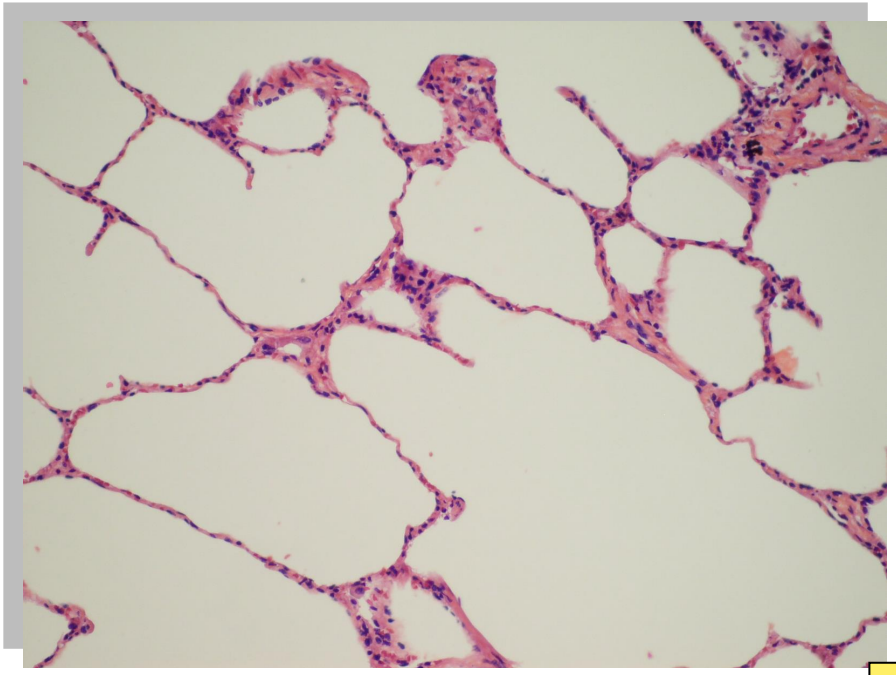
Bronchial wall:

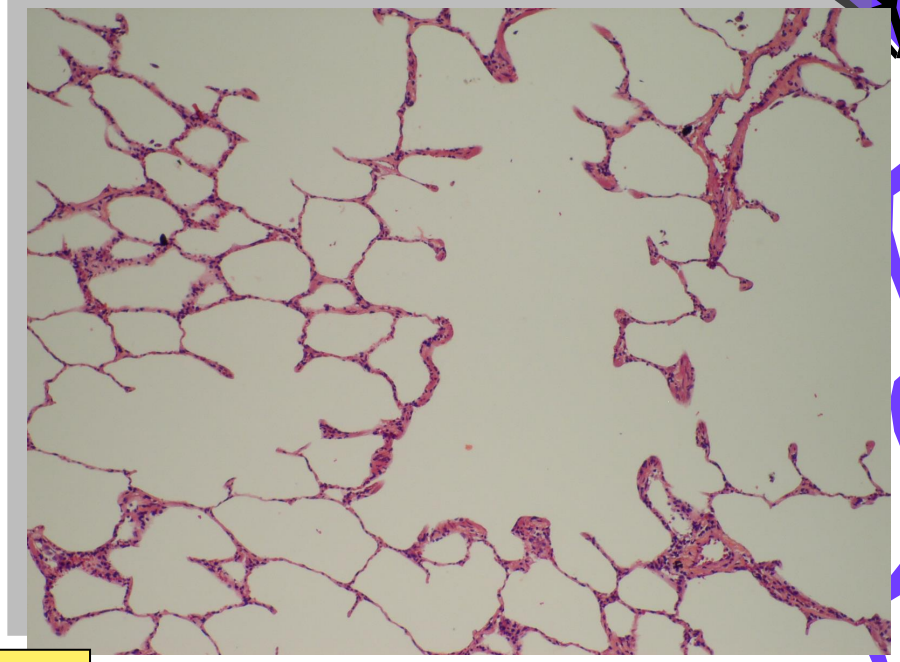


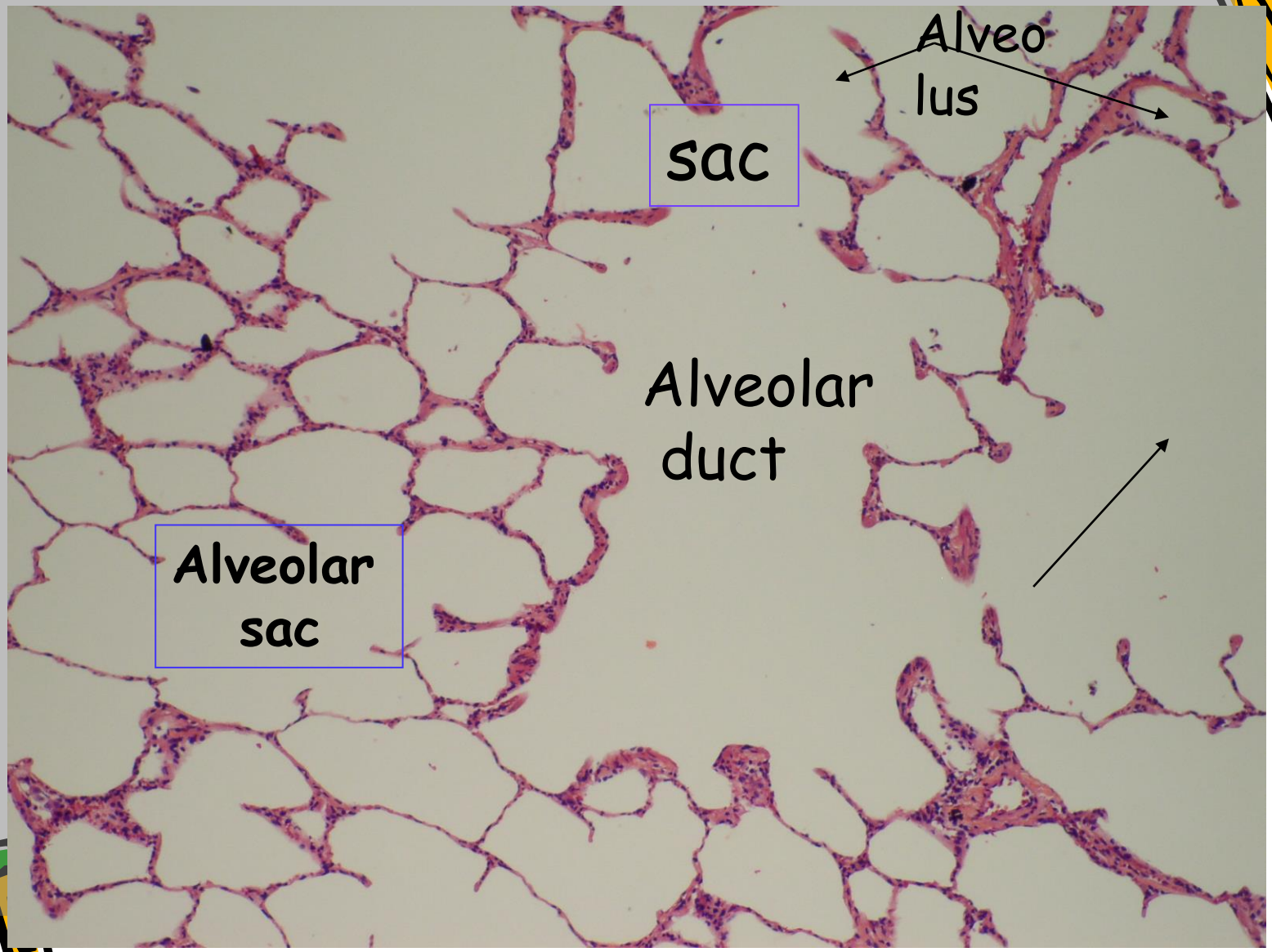



Pul.artery
Clara cell(non-ciliated)
Simple cuboidal ciliated ep.

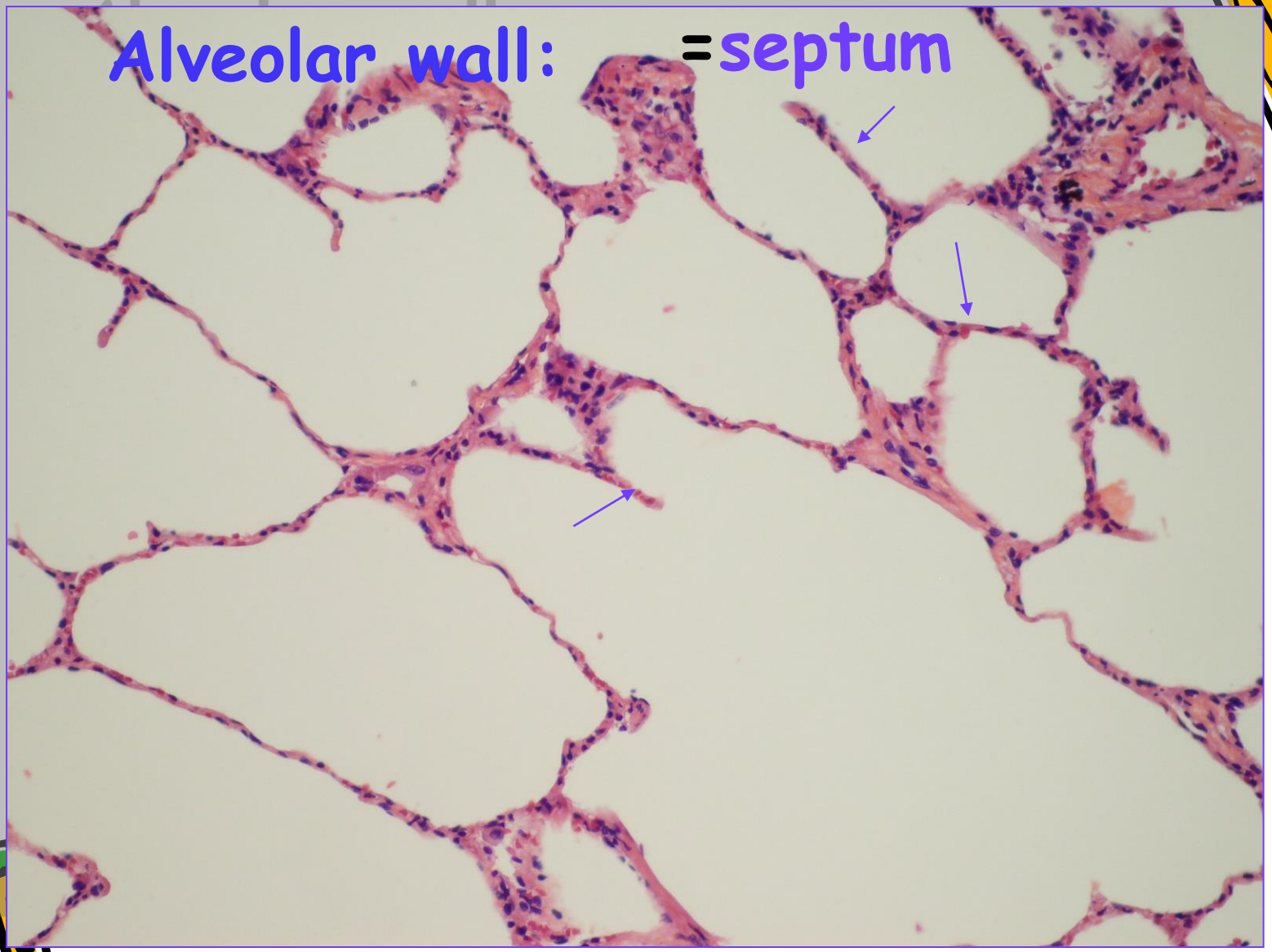

Smooth muscle
Clara cell
Simple cuboidal ciliated ep



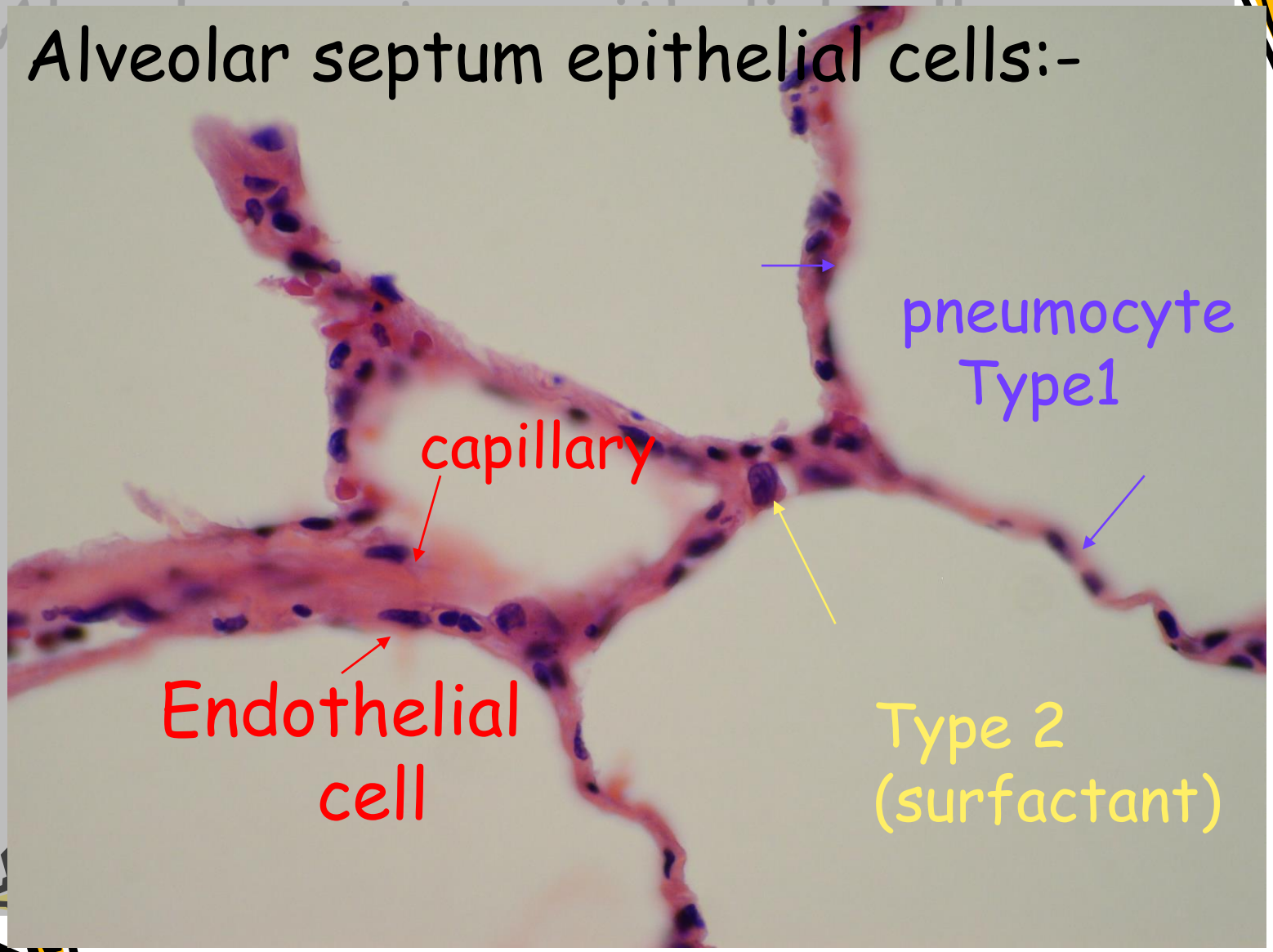


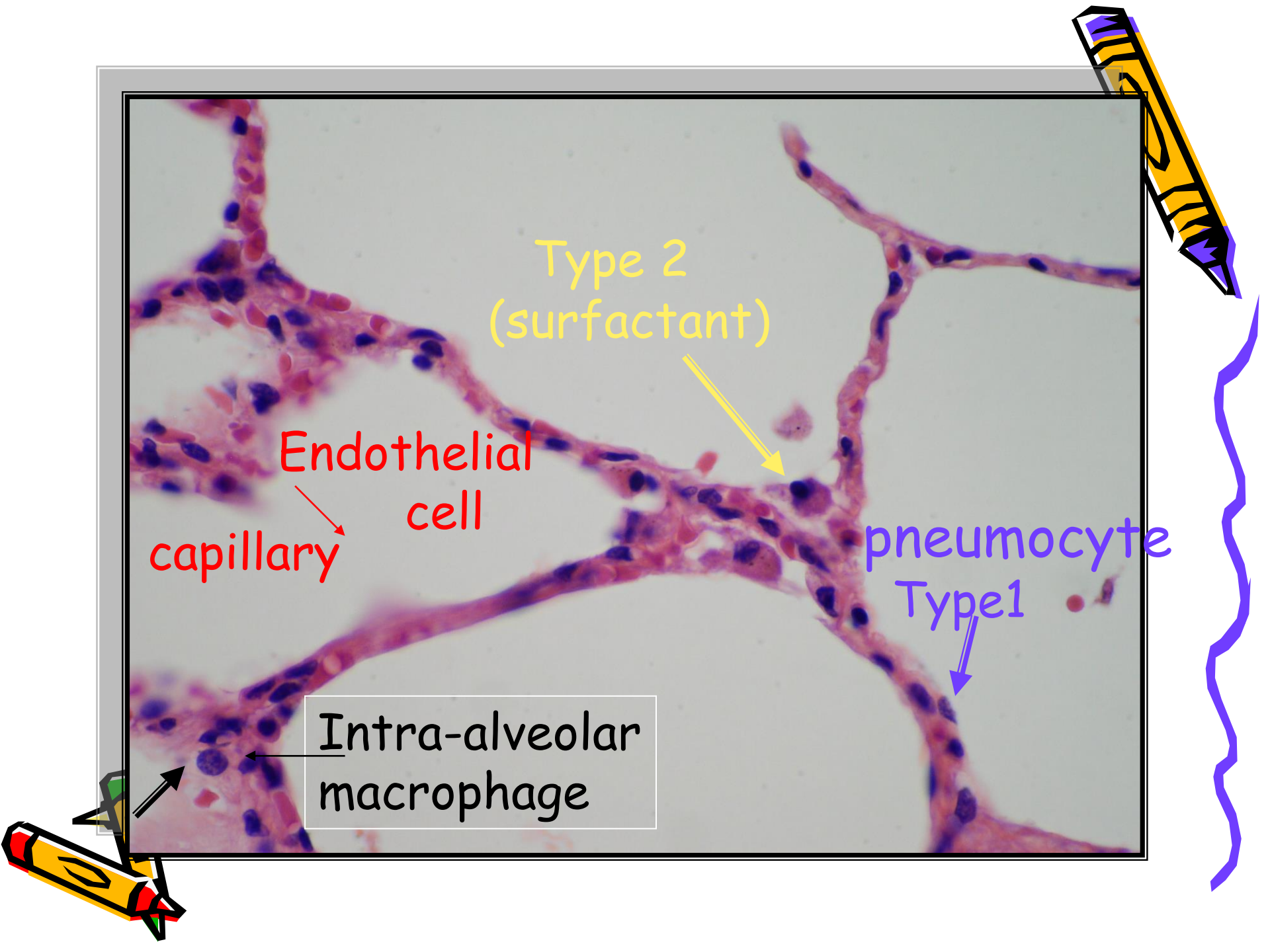

Alveo
lus
sac
Alveolar
duct
Alveolar
sac

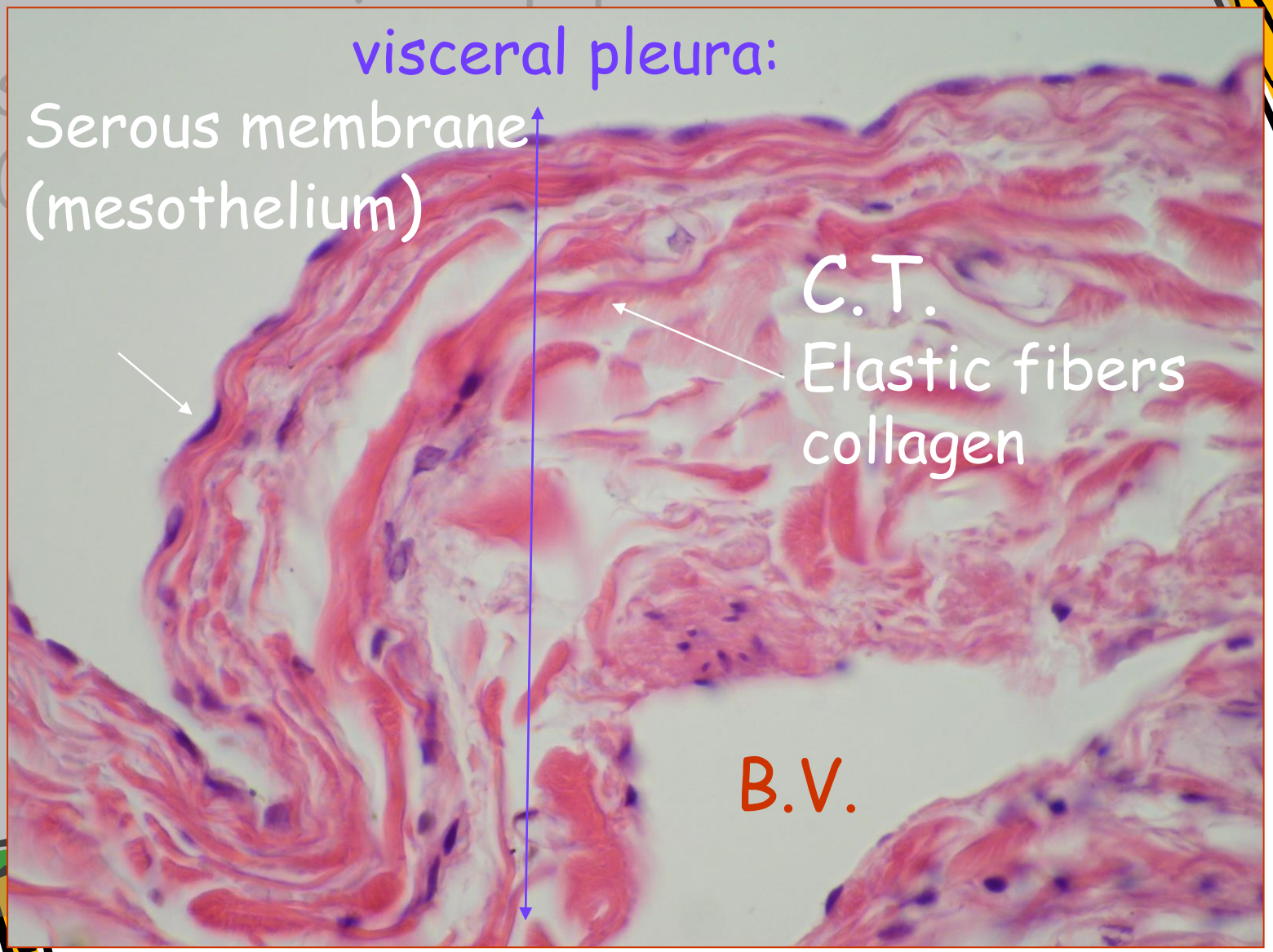
Alveolar wall: =septum



Alveolar septum epithelial cells:-




Type 2
(surfactant)
Endothelial
cell
capillary
pneumocyte
Type1
Intra-alveolar
macrophage


visceral pleura:
Serous membrane
(mesothelium)
C.T.
Elastic fibers
collagen
B.V.

Alveolar macrophage= dust cells