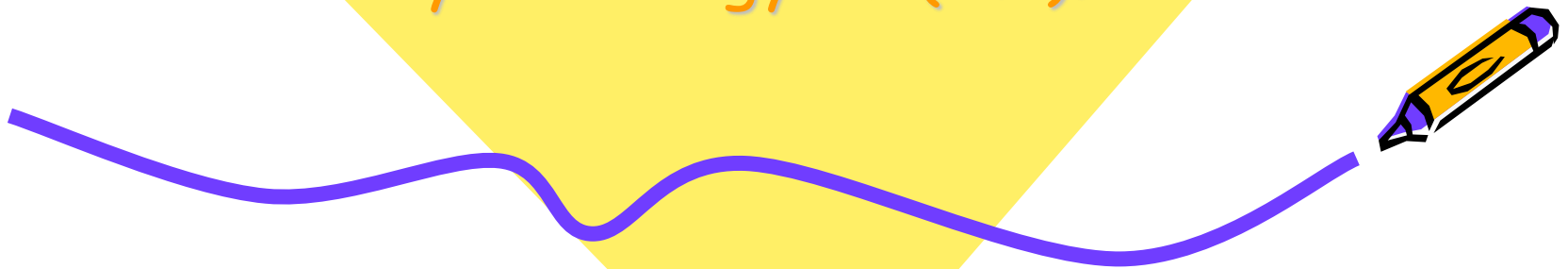


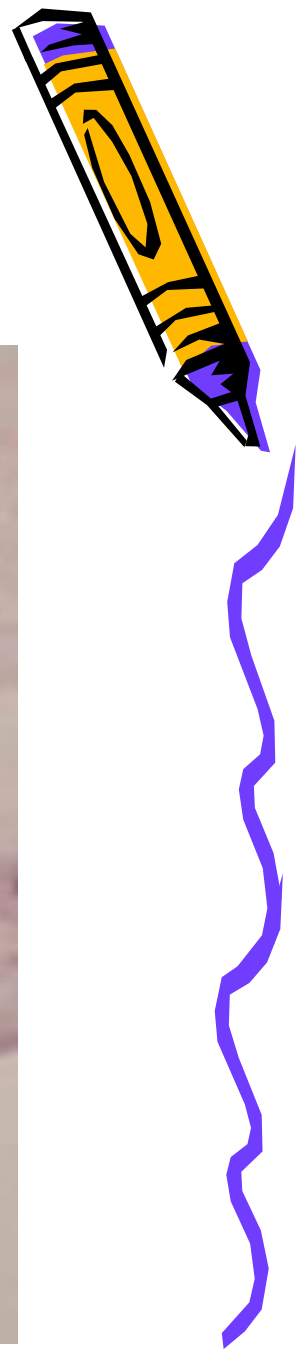
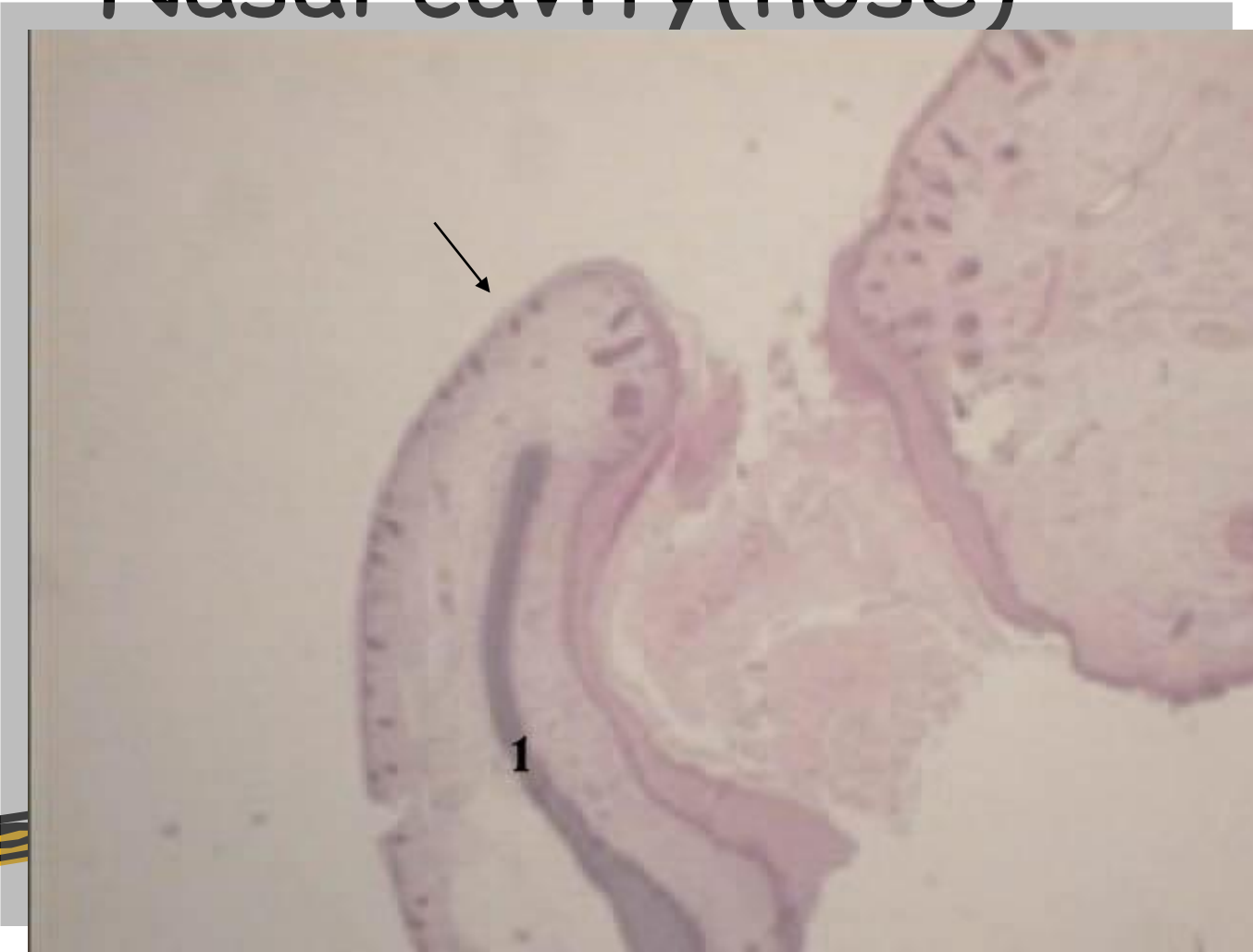


Respiretory System

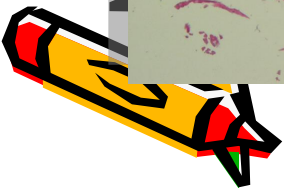
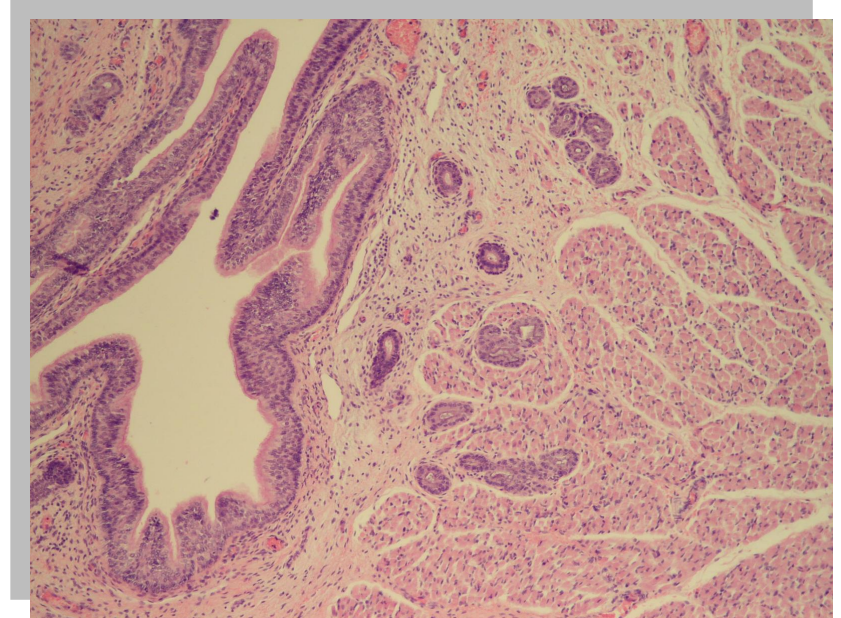
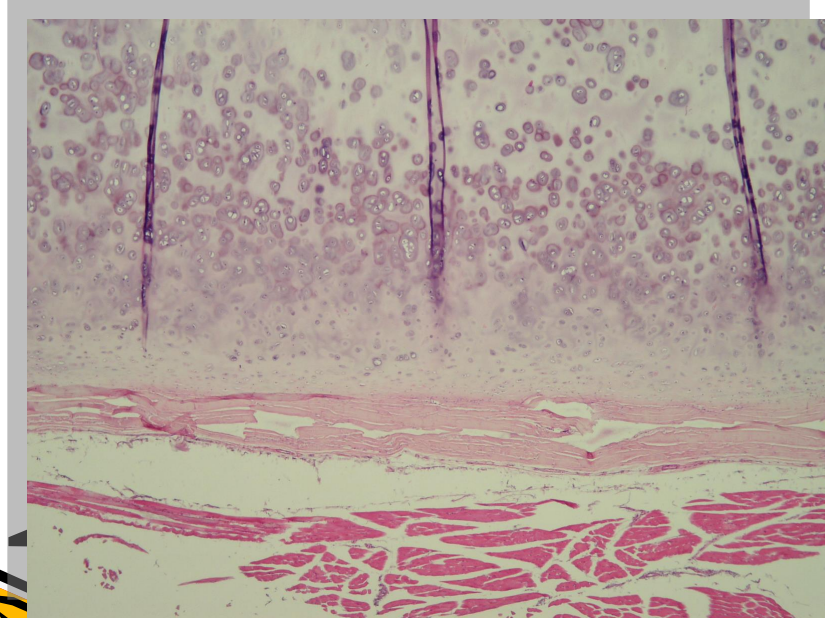
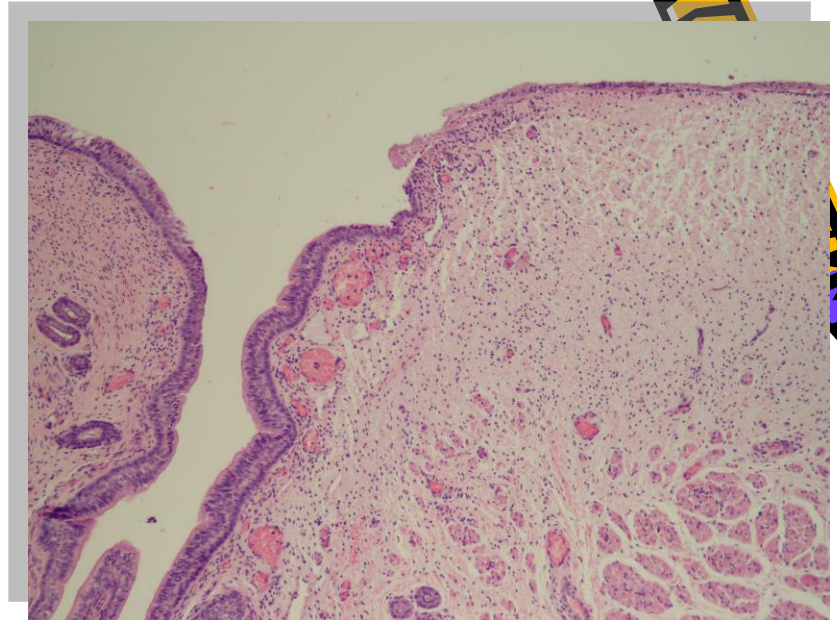
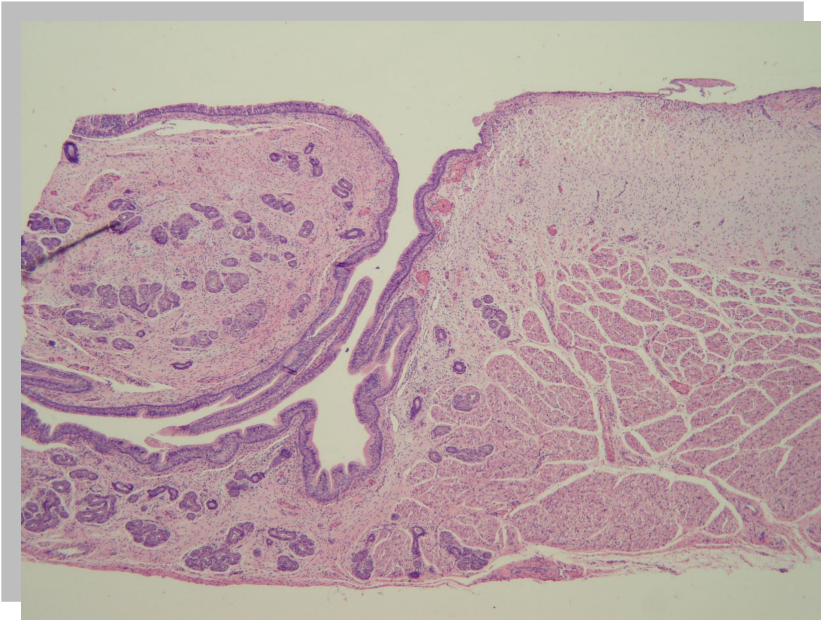
by :histology lab(SH).



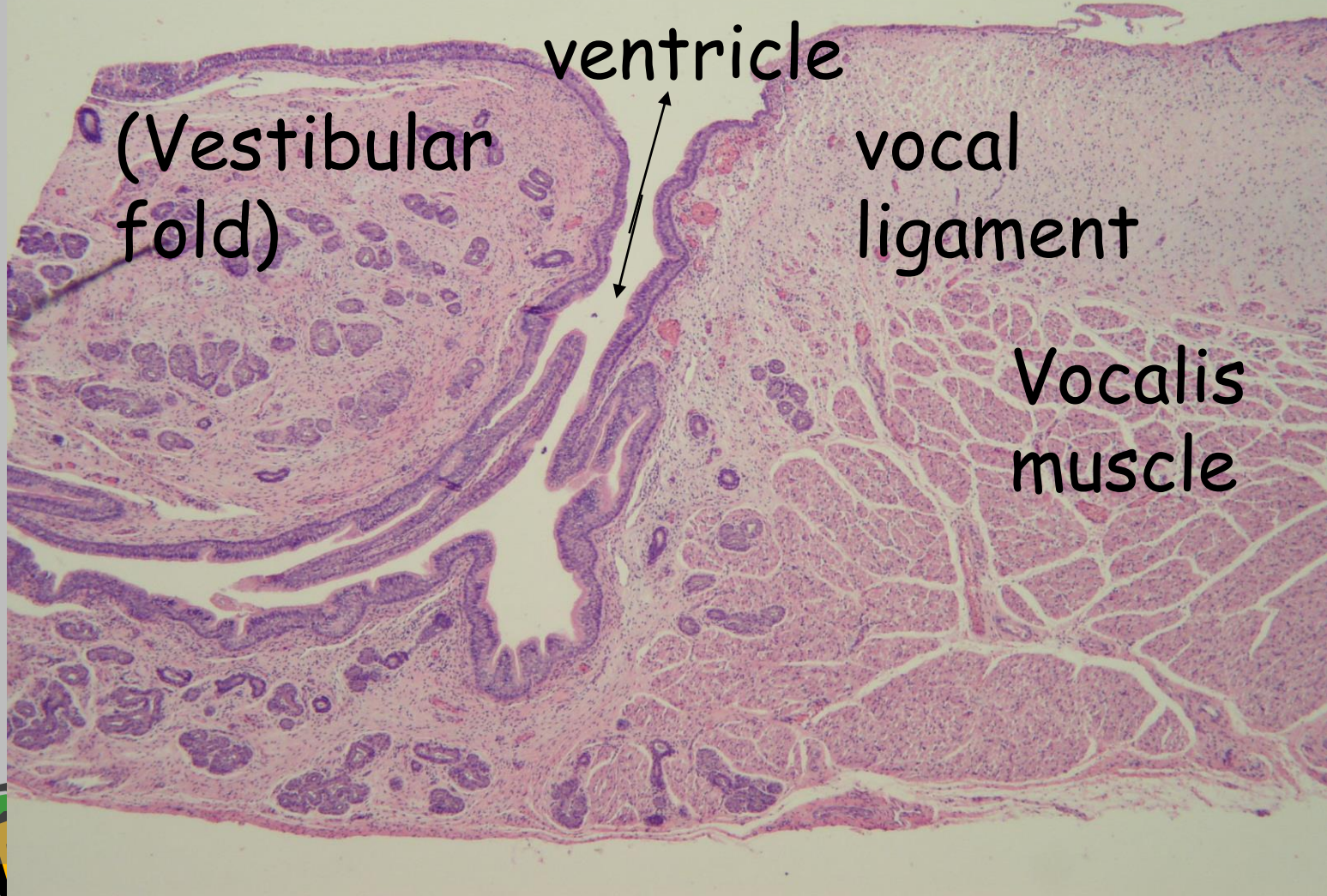
Nasal cavity(nose)



Larynx



False vocal cord = true vocal cord



(Vestibular fold)

ventricle

vocal ligament

Vocalis muscle

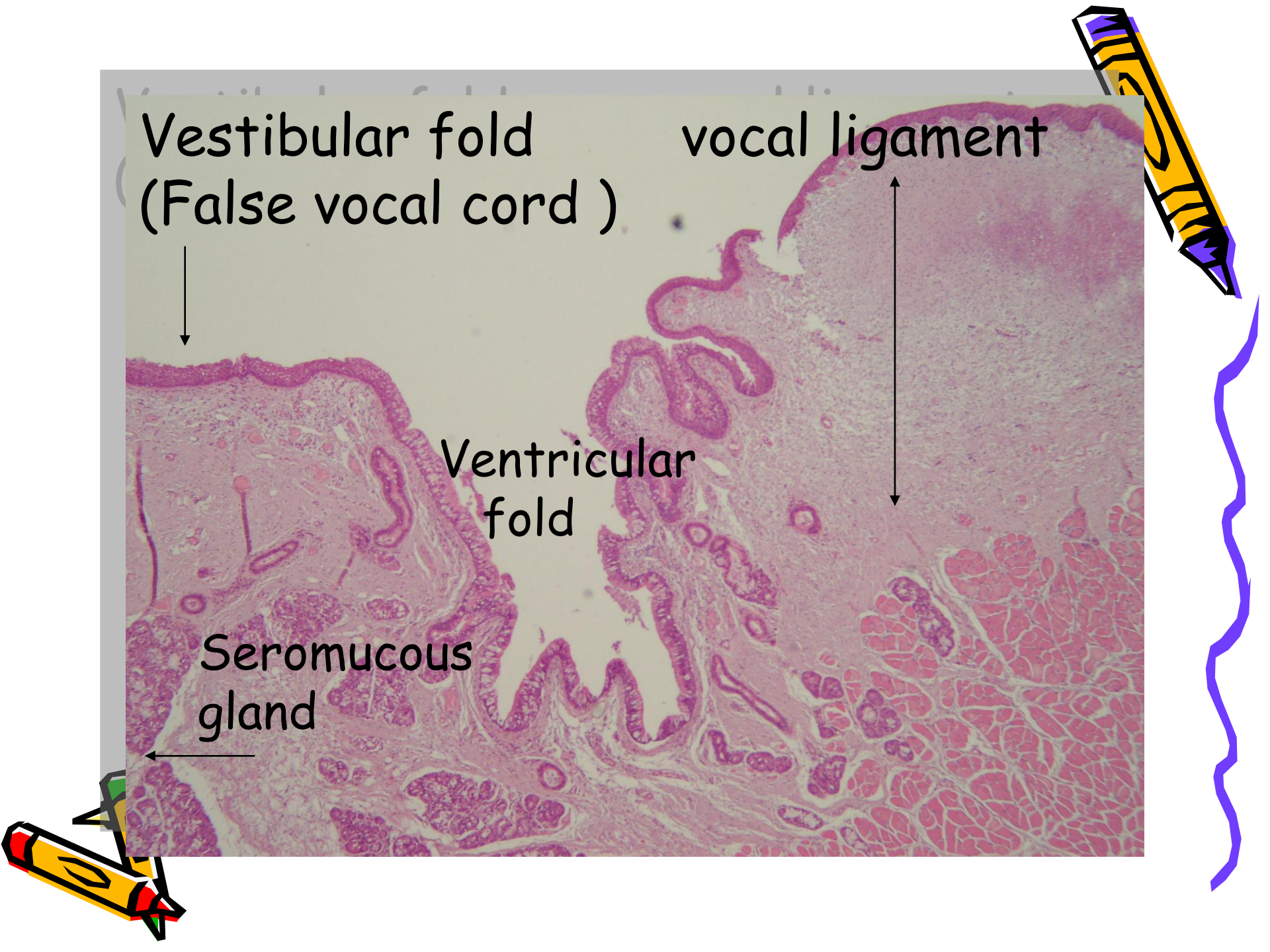


Vestibular fold
(False vocal cord)

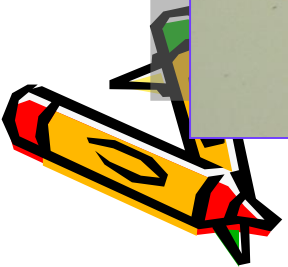
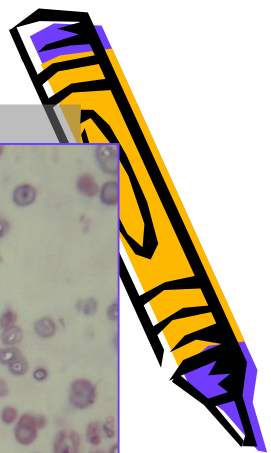
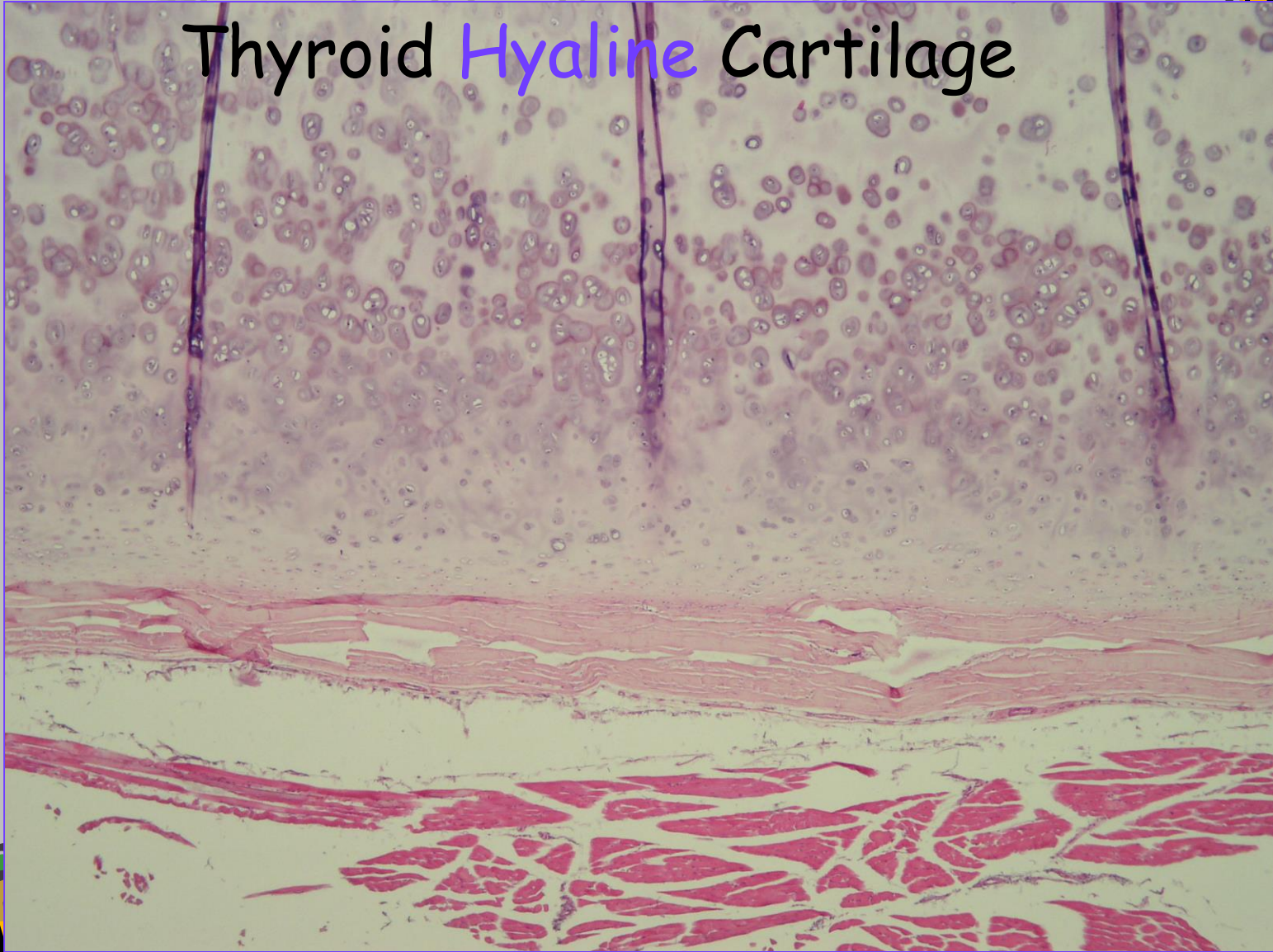
vocal ligament

Ventricular
fold

Seromucous
gland



Thyroid Hyaline Cartilage

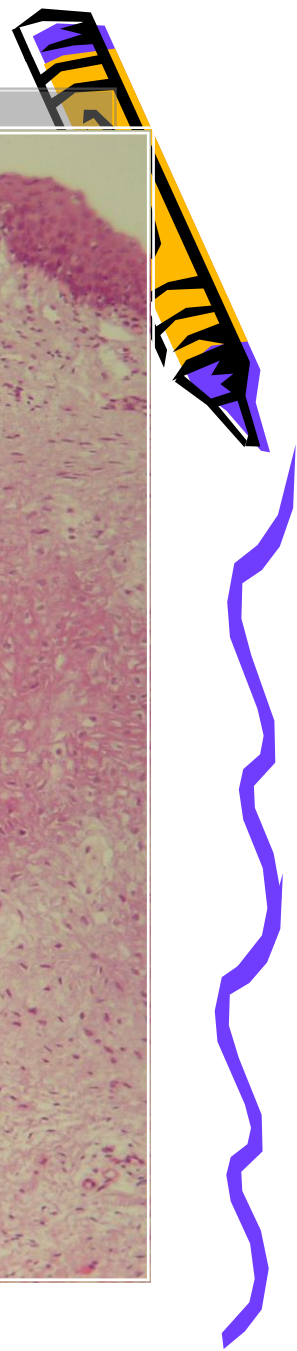
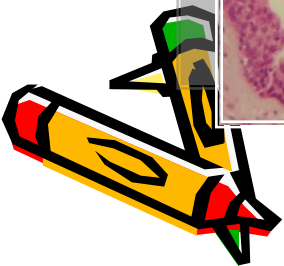
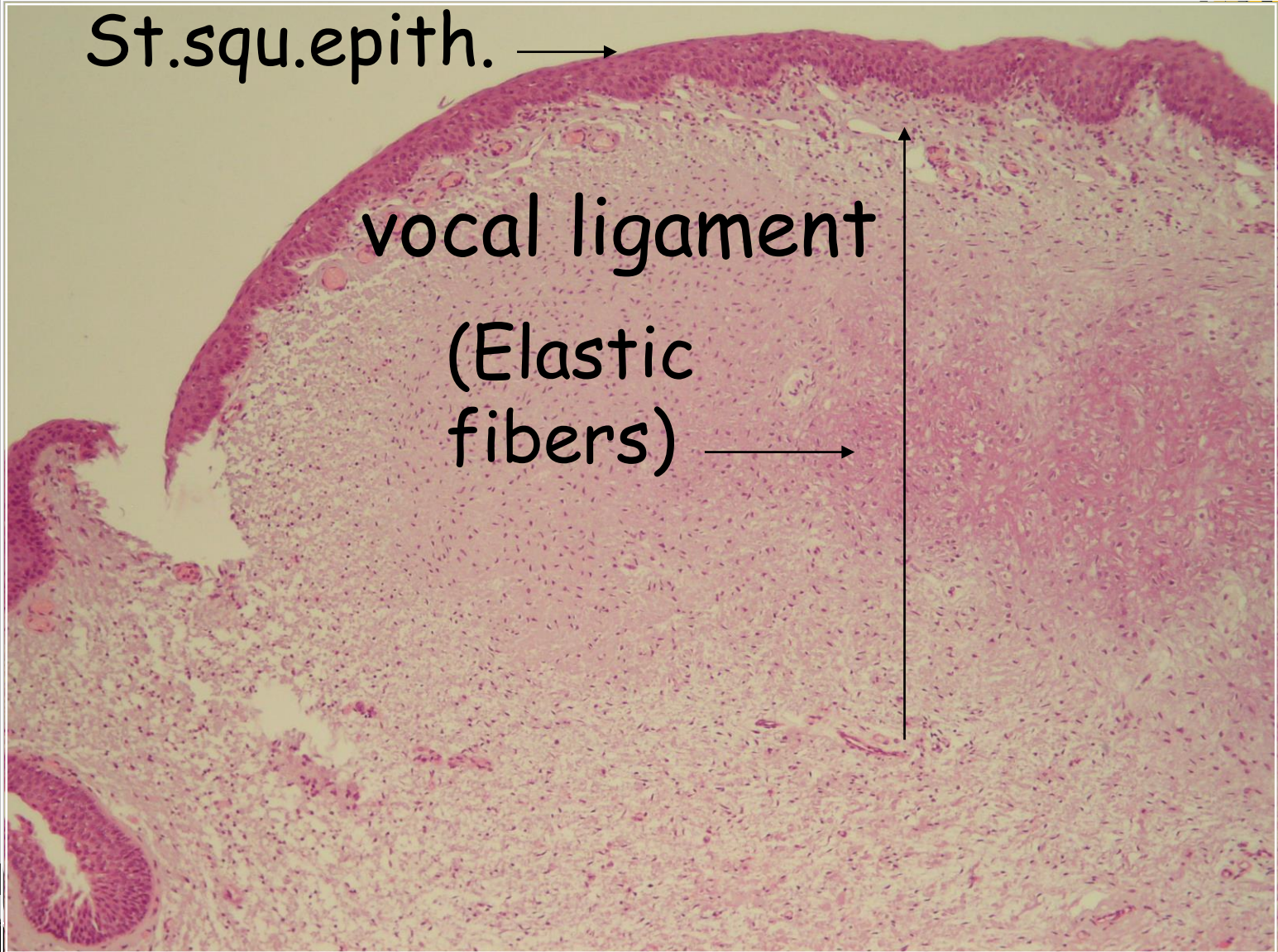


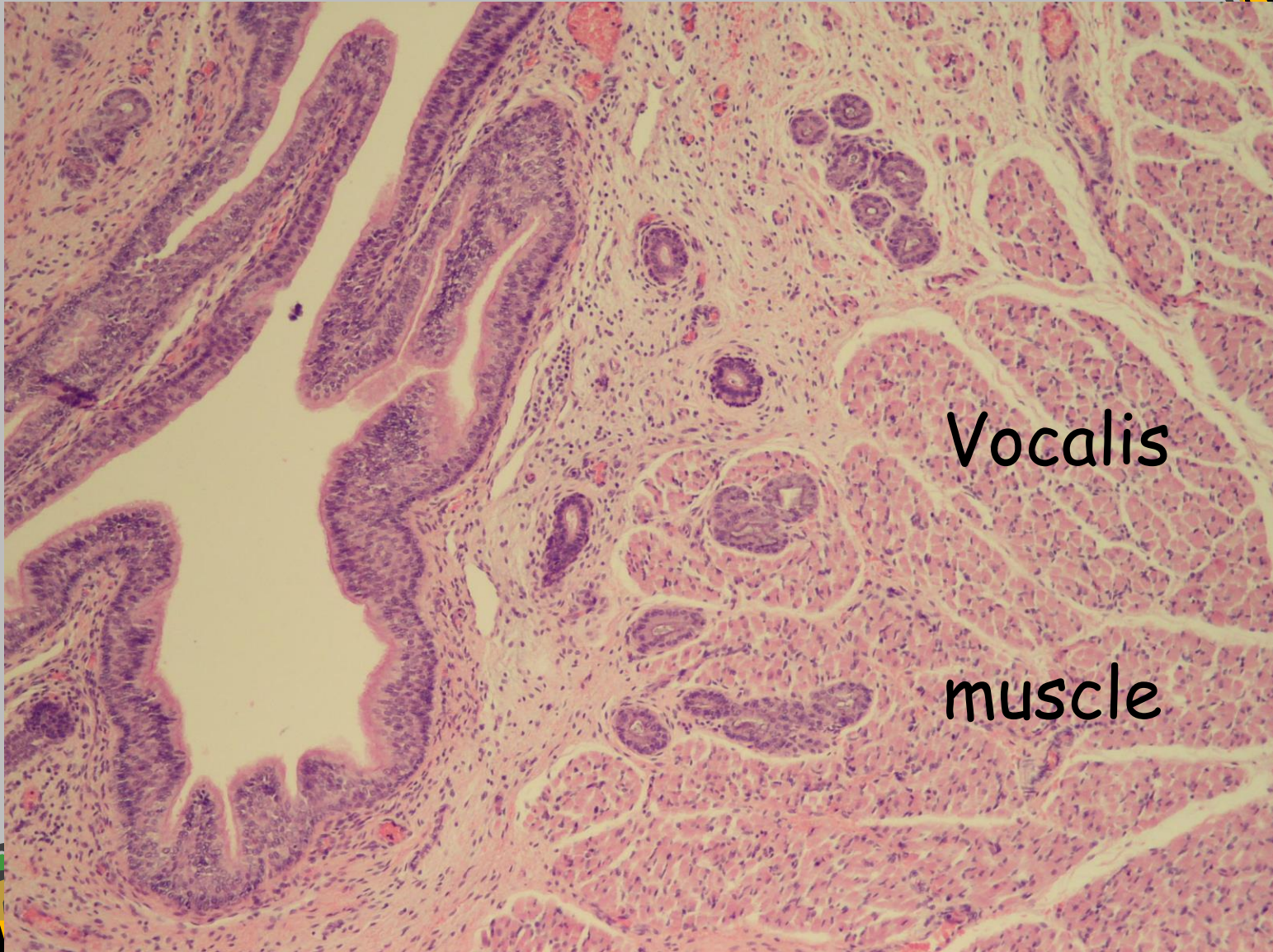
true vocal cord

St.squ.epith. →

vocal ligament

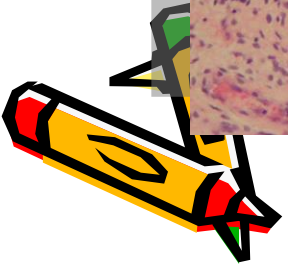
(Elastic fibers) →

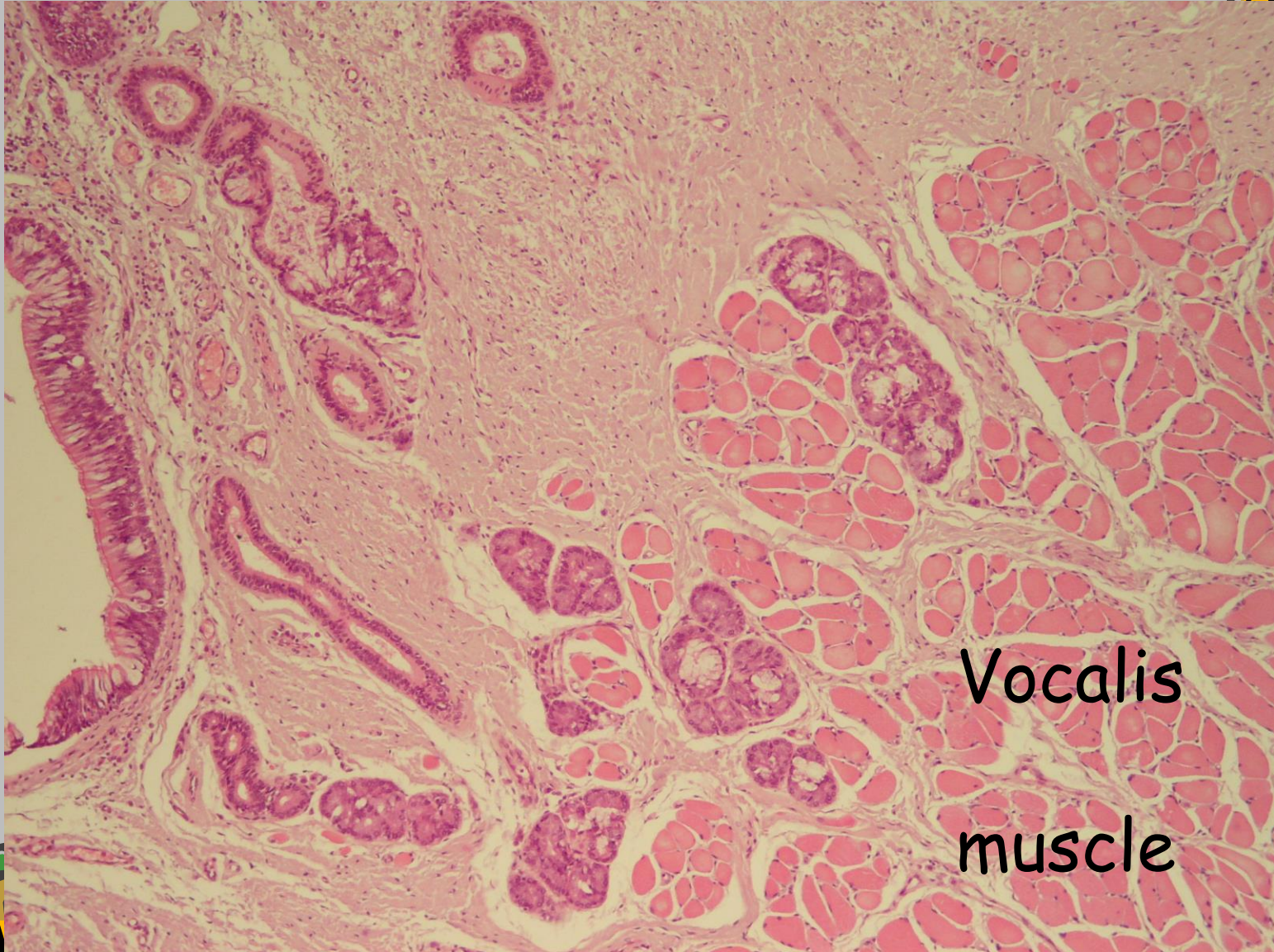




Vocalis

muscle





Vocalis
muscle



RESPIRATORY
EPITHELIUM

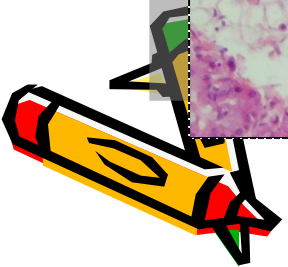
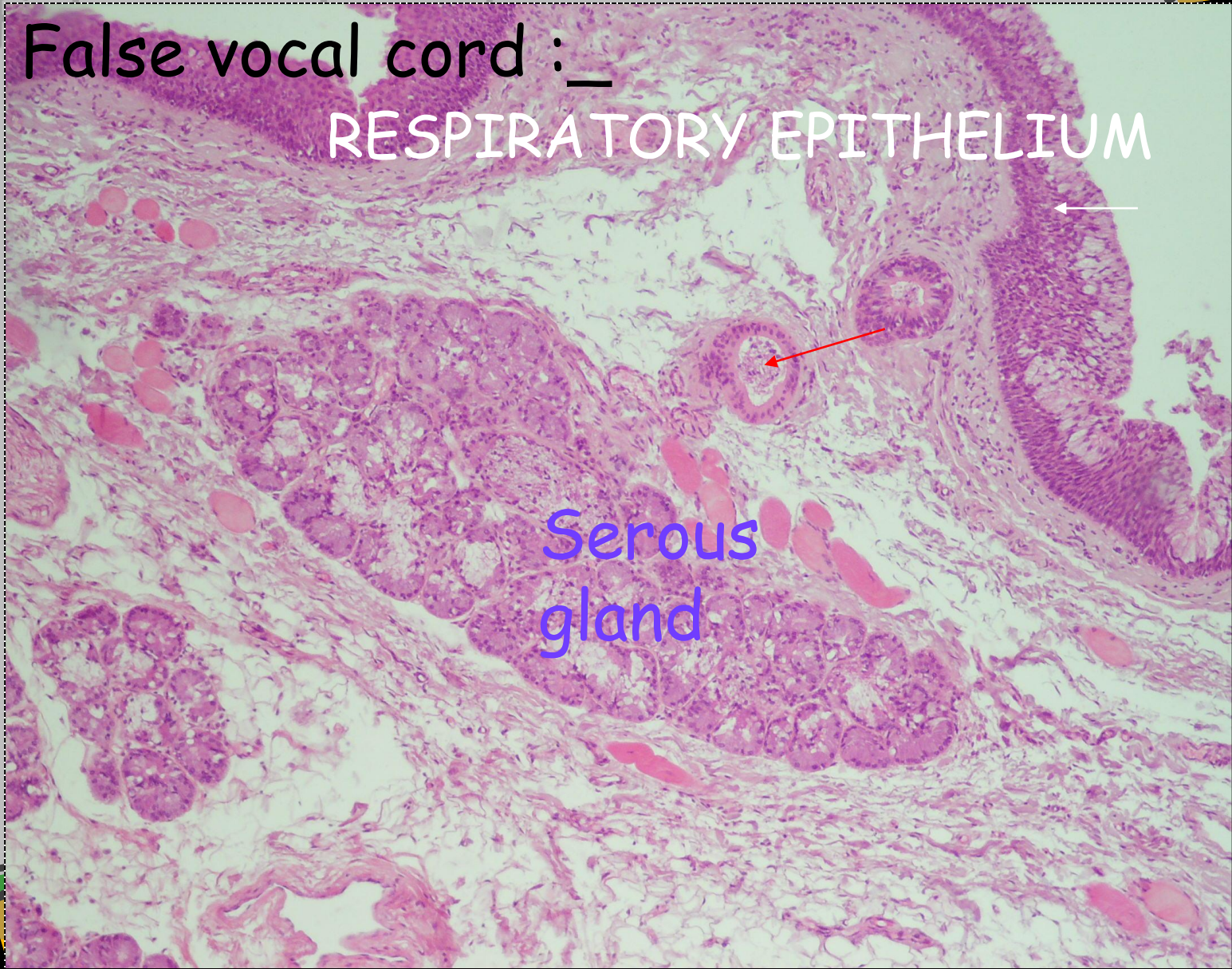
Vent-
ricle



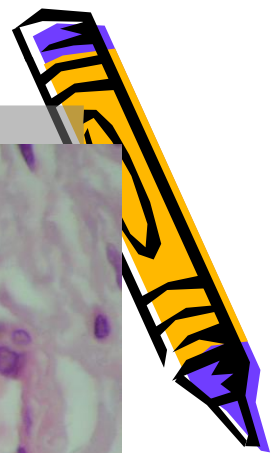
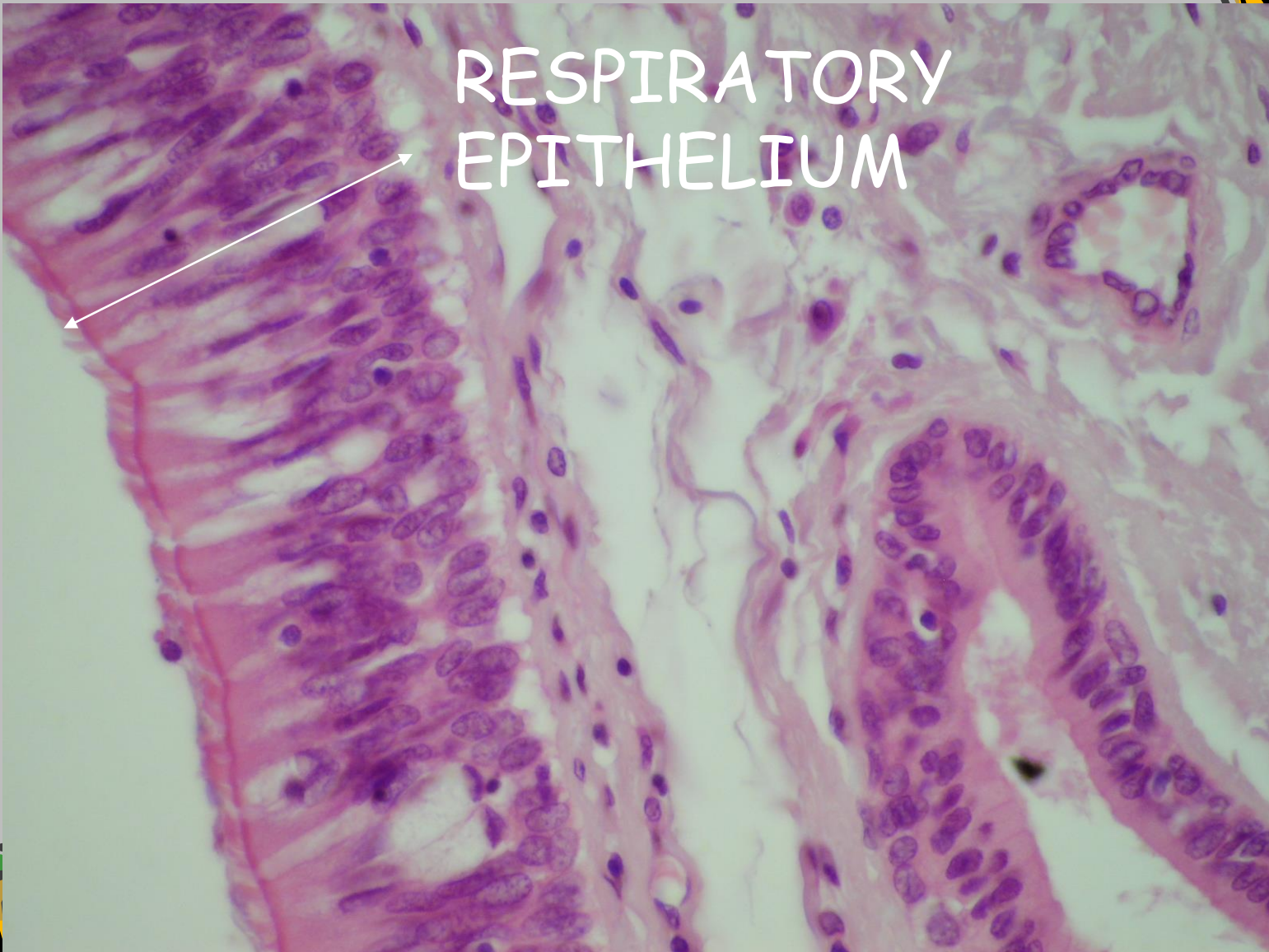
False vocal cord : _

RESPIRATORY EPITHELIUM

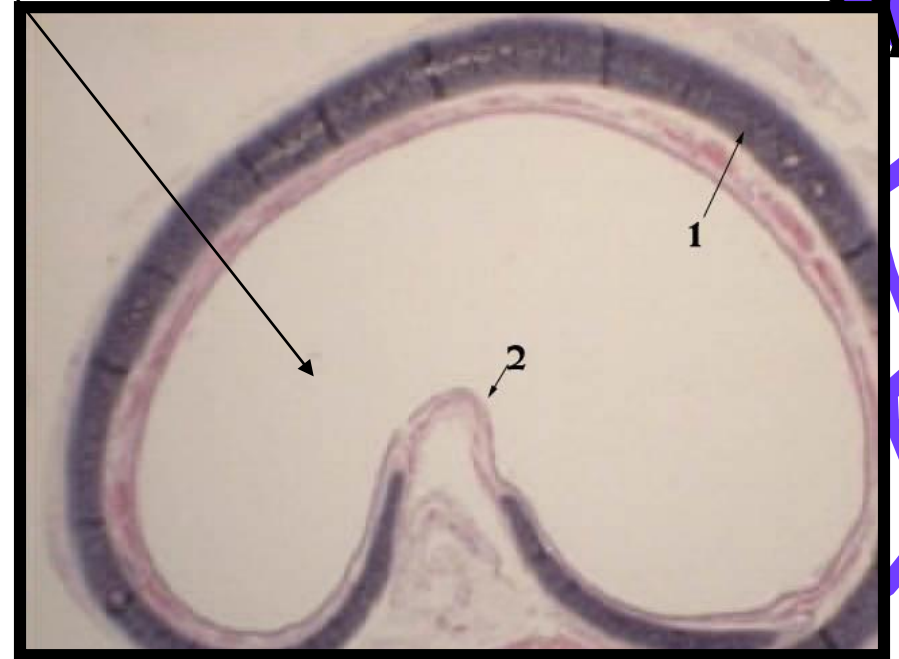
Serous gland



RESPIRATORY
EPITHELIUM



C-SHAPE TRACHEA- transeverse section

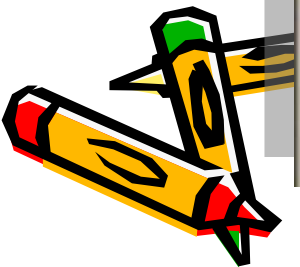


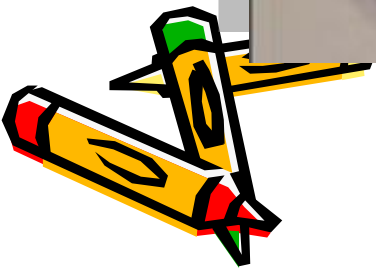
ESOPHAGUS-
posteriorly



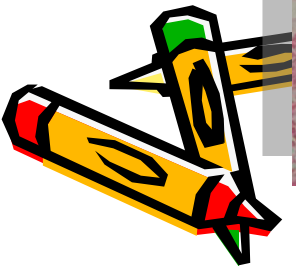
TRACHEALIS (SMOOTH) MUSCLE

HYALINE
CARTILAGE

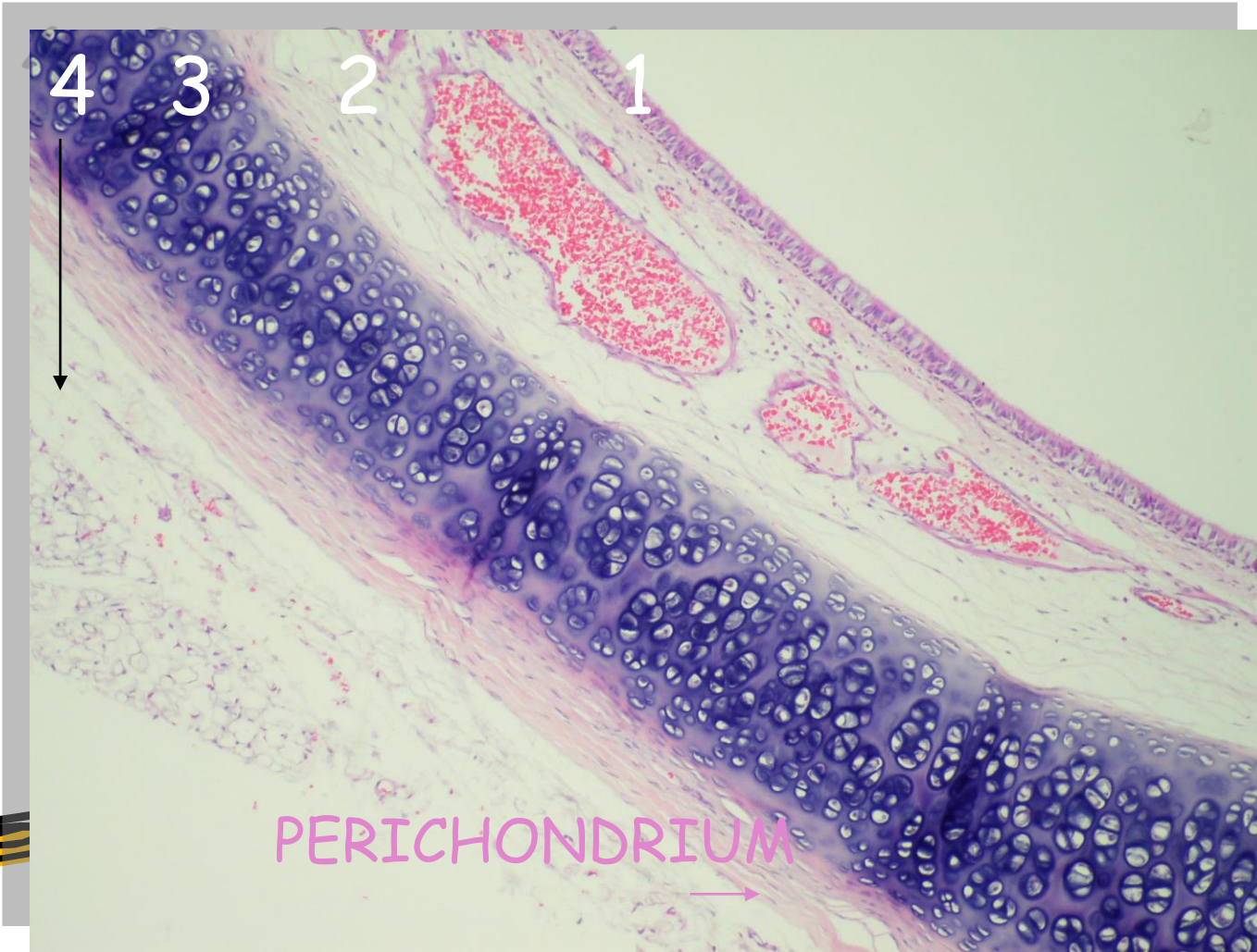


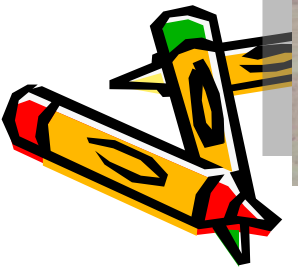
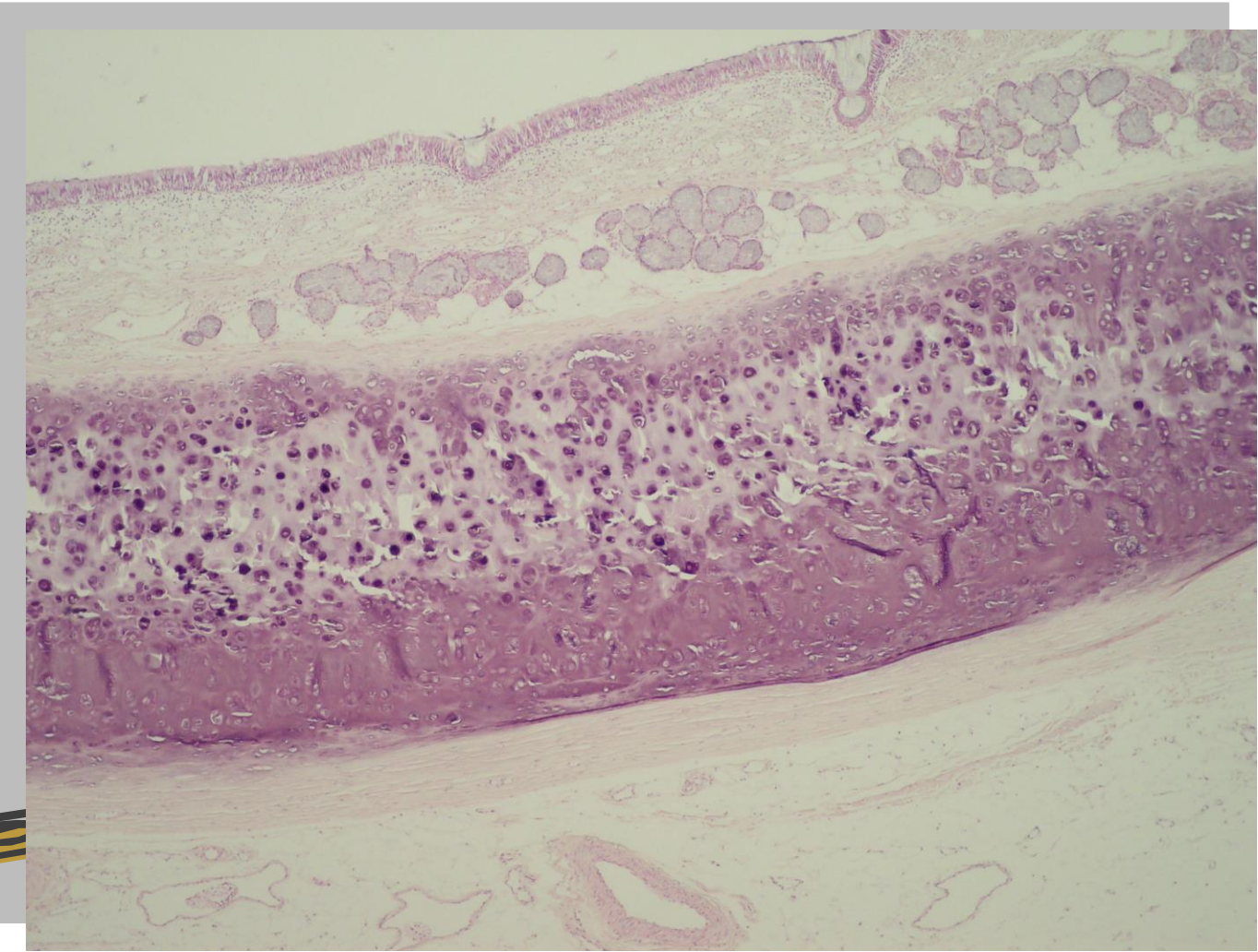


TRACHEALIS (SMOOTH) MUSCLE

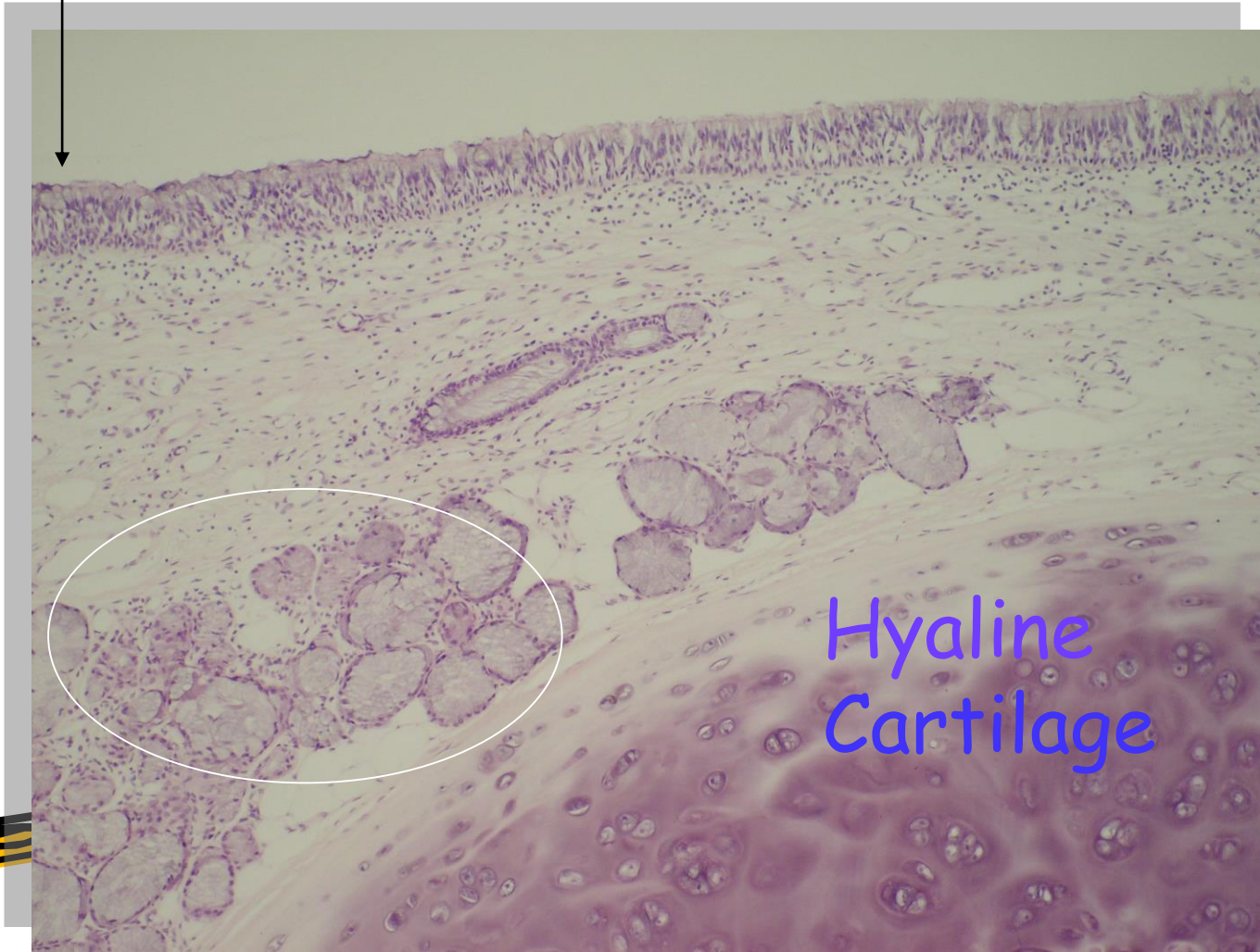


MUCOSA ,SUBMUCOSA,CARTILAGE.ADVENTITIA

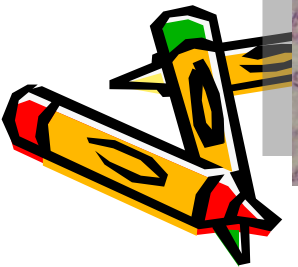




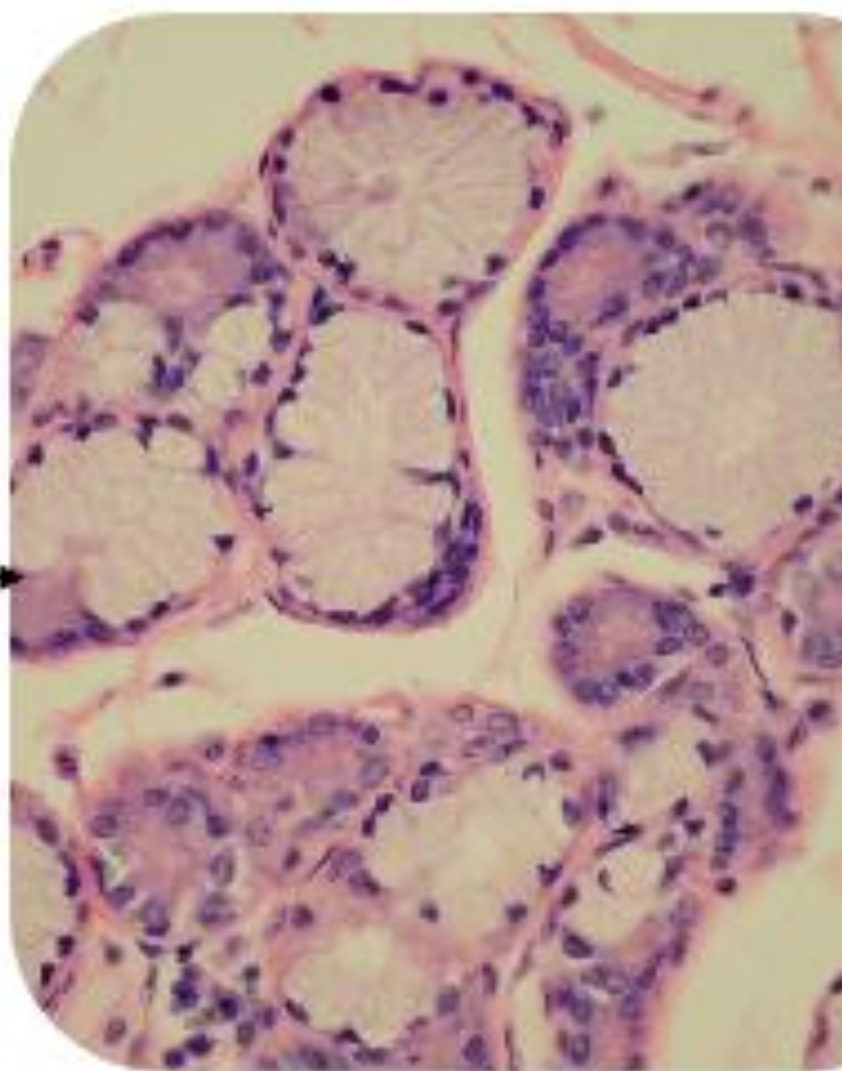
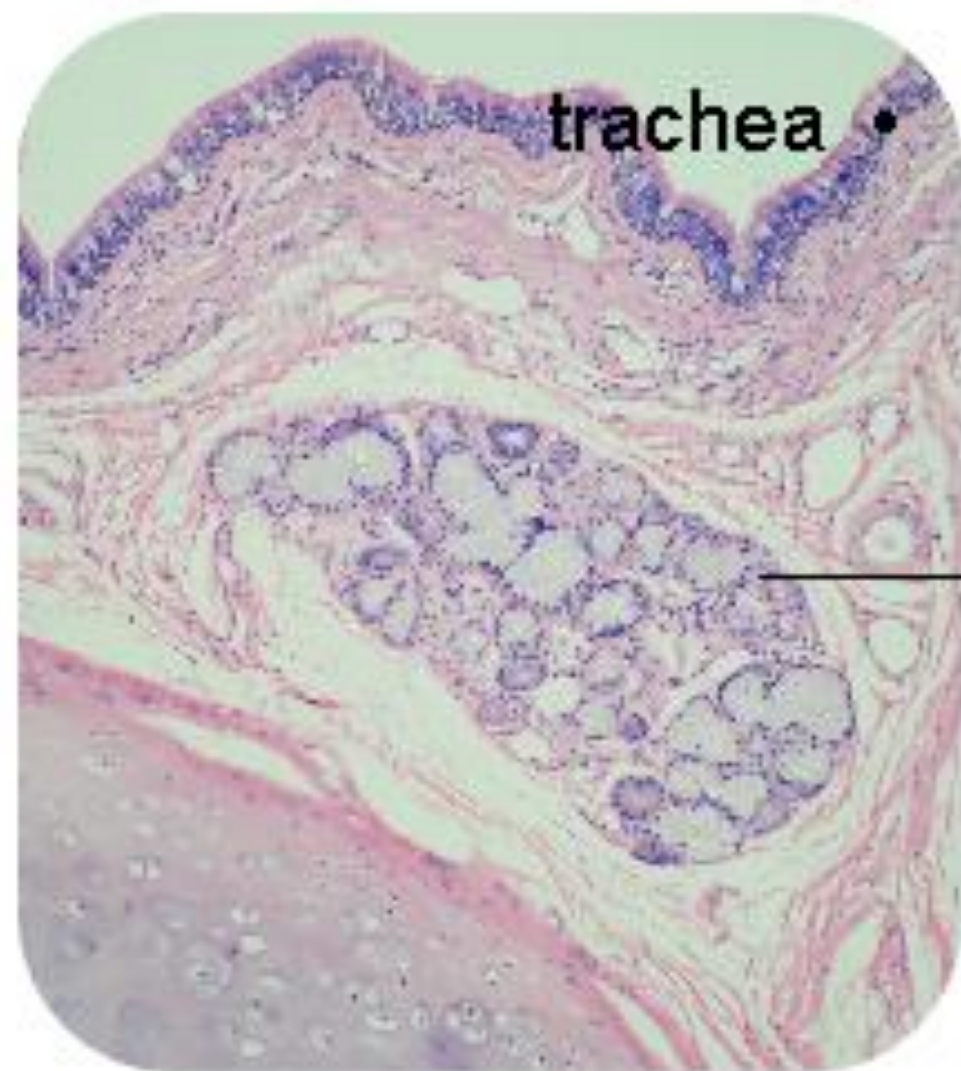
RESPIRATORY EPITHELIUM TRACHEAL GLAND IN SUBMUCOSA



Hyaline
Cartilage

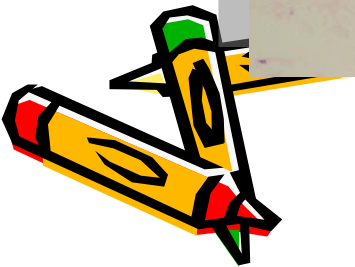


Branched seromucous gland



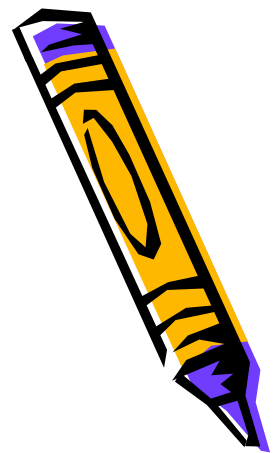


ADVENTITIA

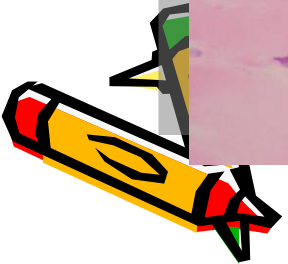


BASEMENT MEMBRANE

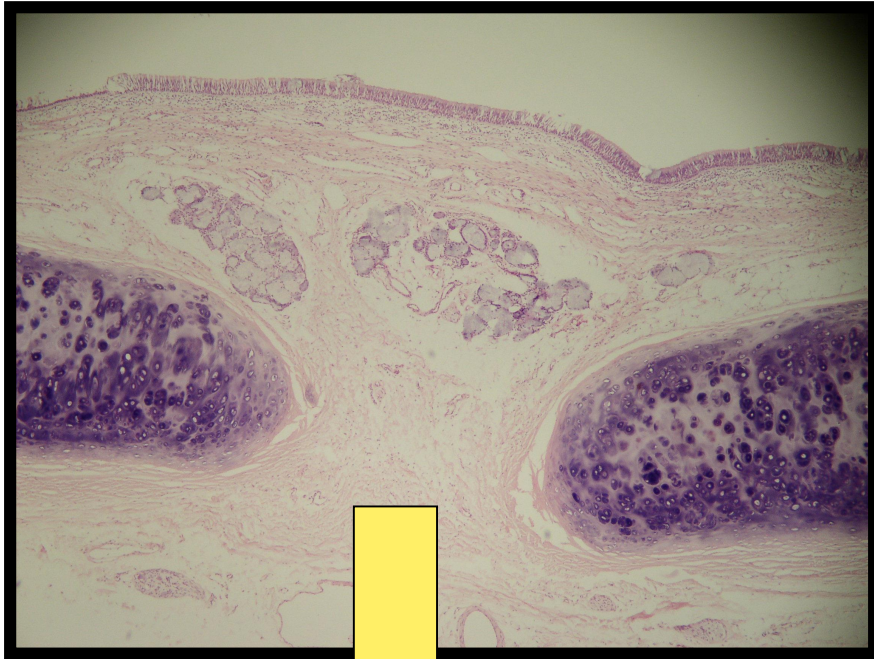
GOBLET CELL



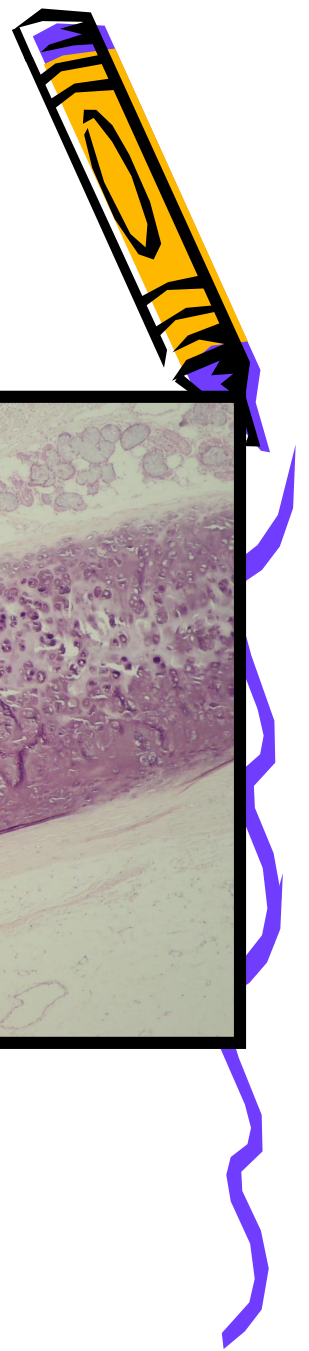
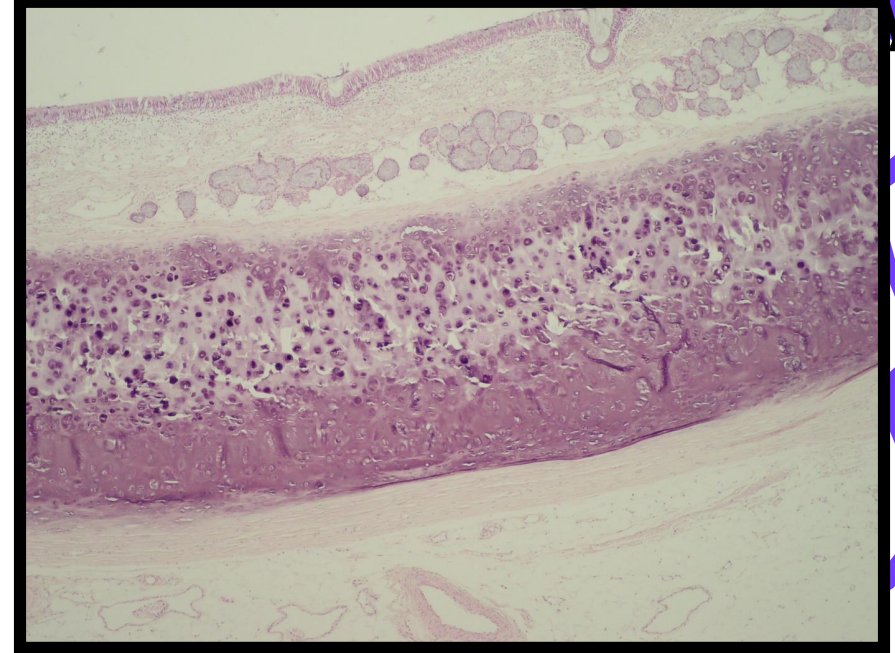
seromucous
Gt. →



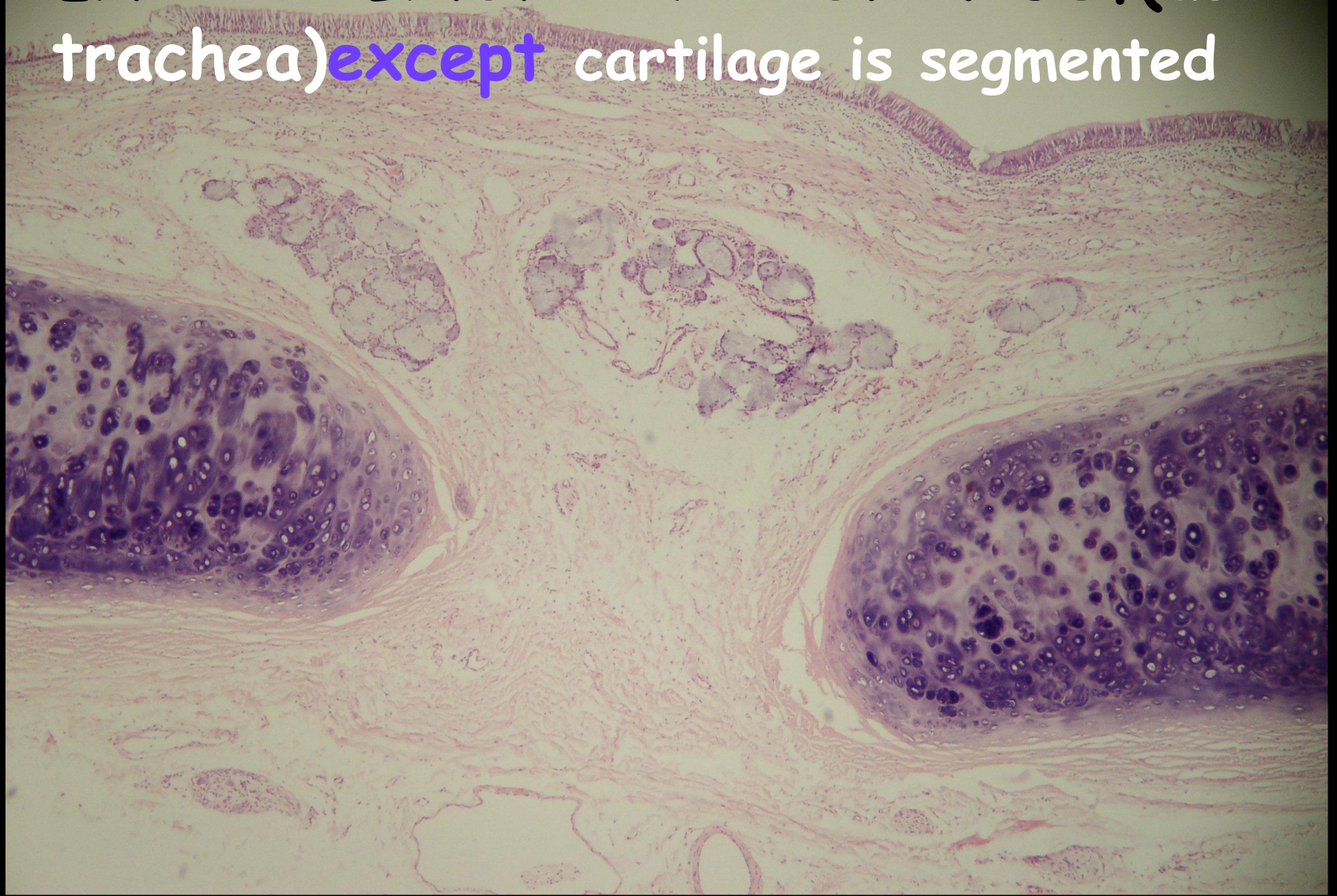
EXTRAPULMONARY BRONCHUS



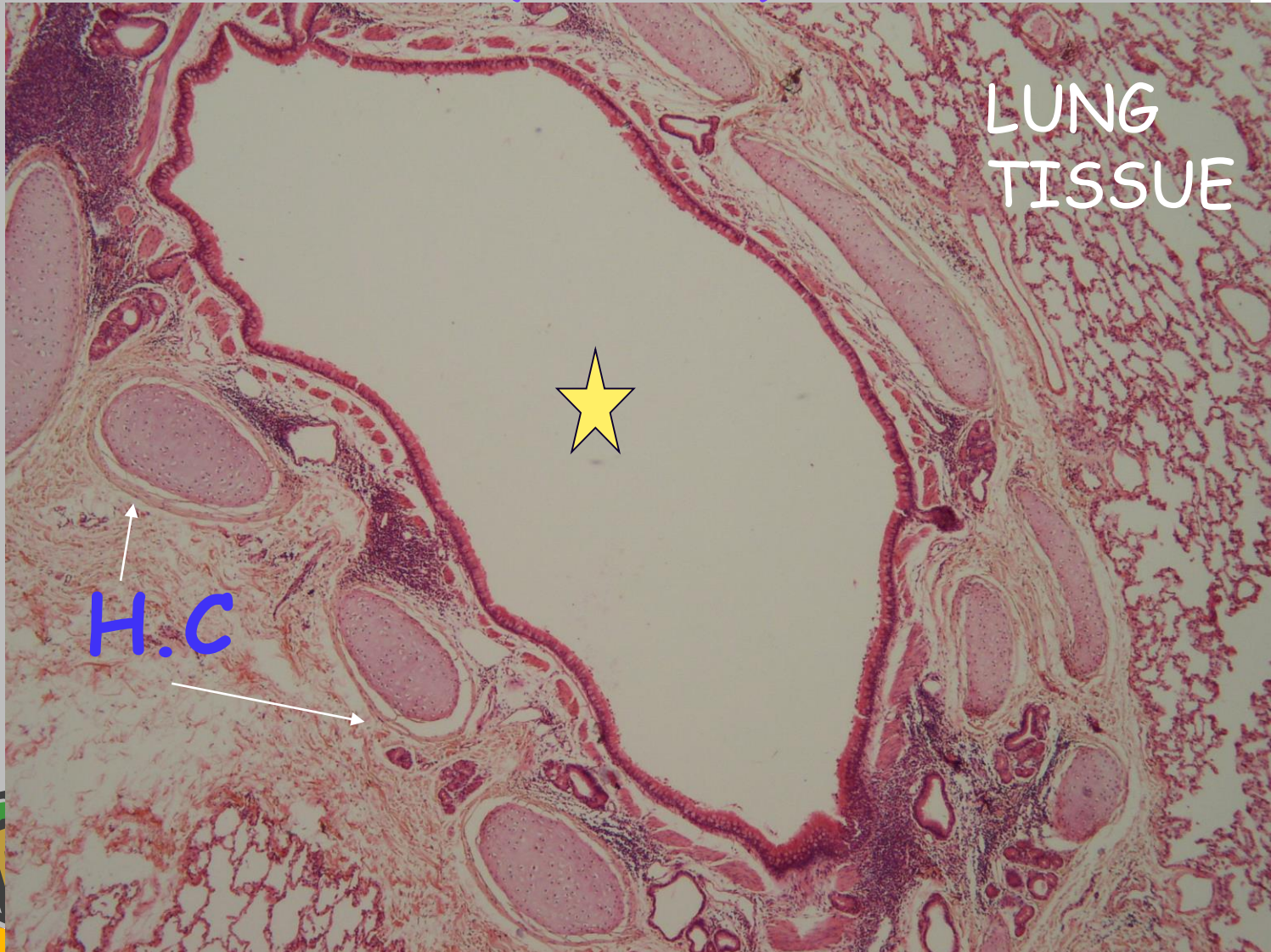
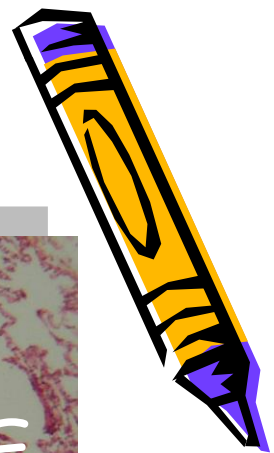
TRACHEA



EXTRAPULMONARY BRONCHUS:(as trachea)**except** cartilage is segmented



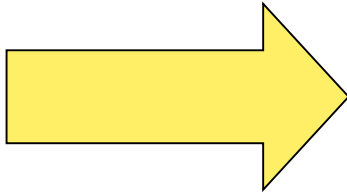
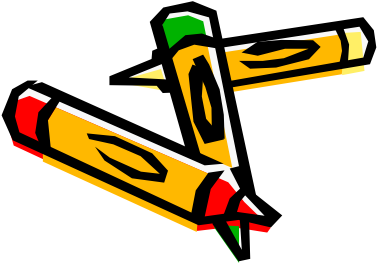
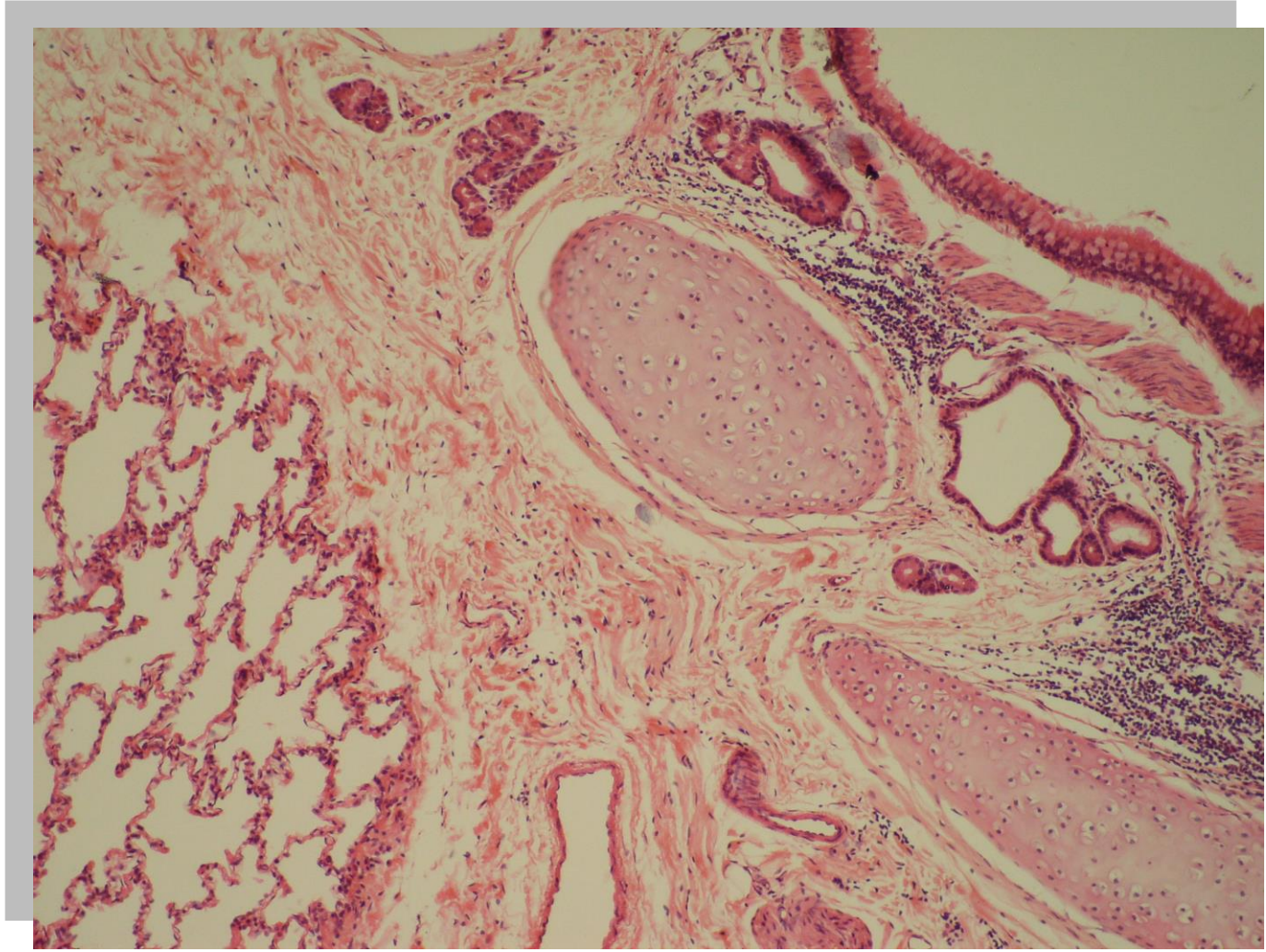
INTRAPULMONARY BRONCHUS (LARGE)

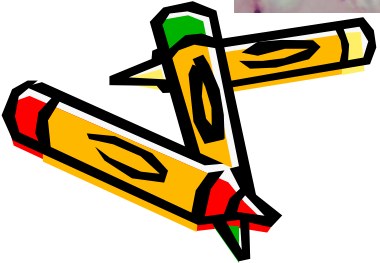
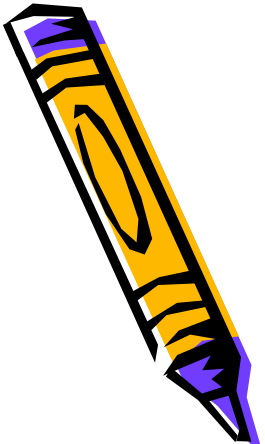
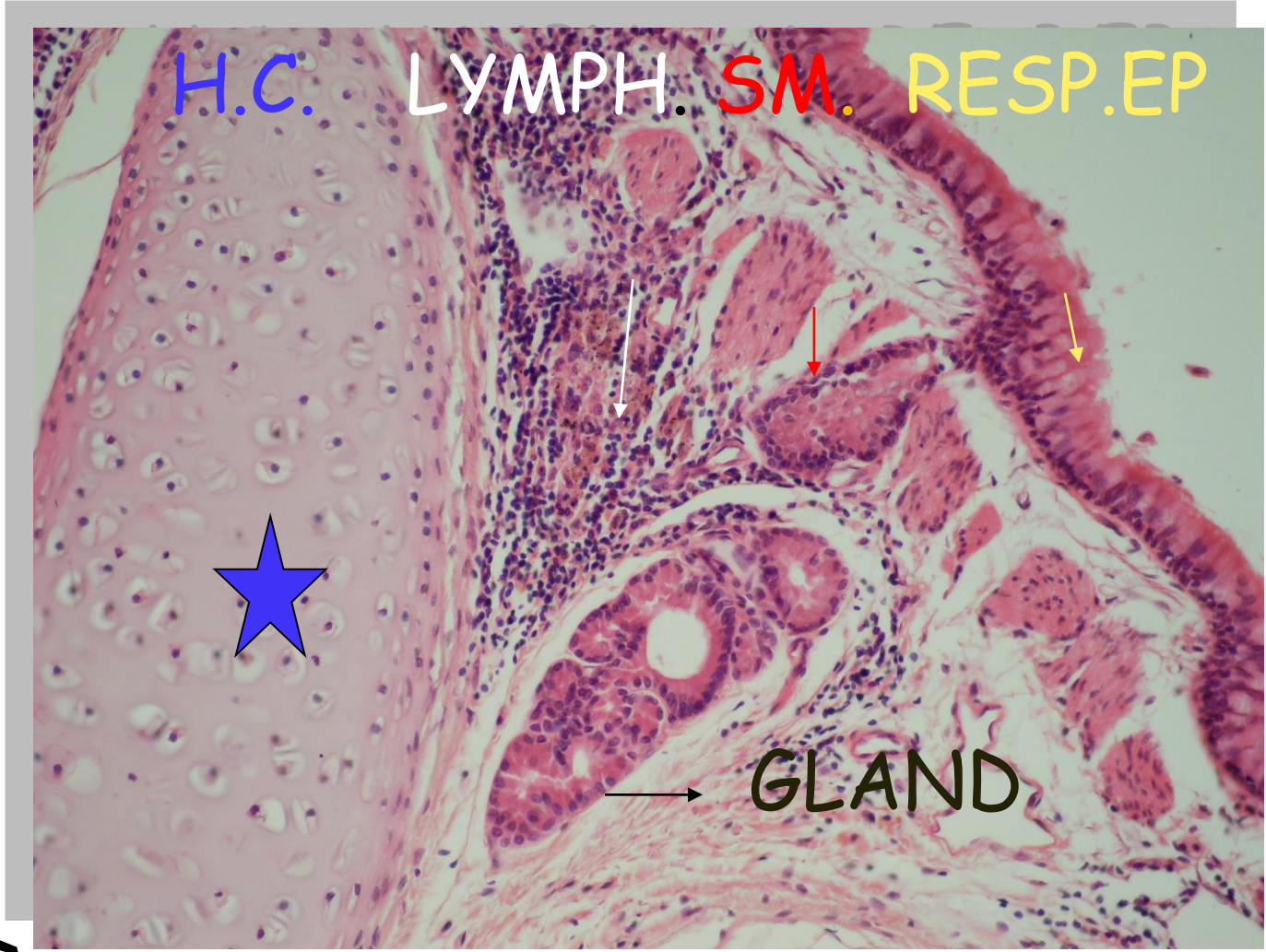


LUNG
TISSUE

H.C







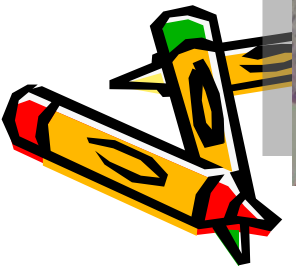
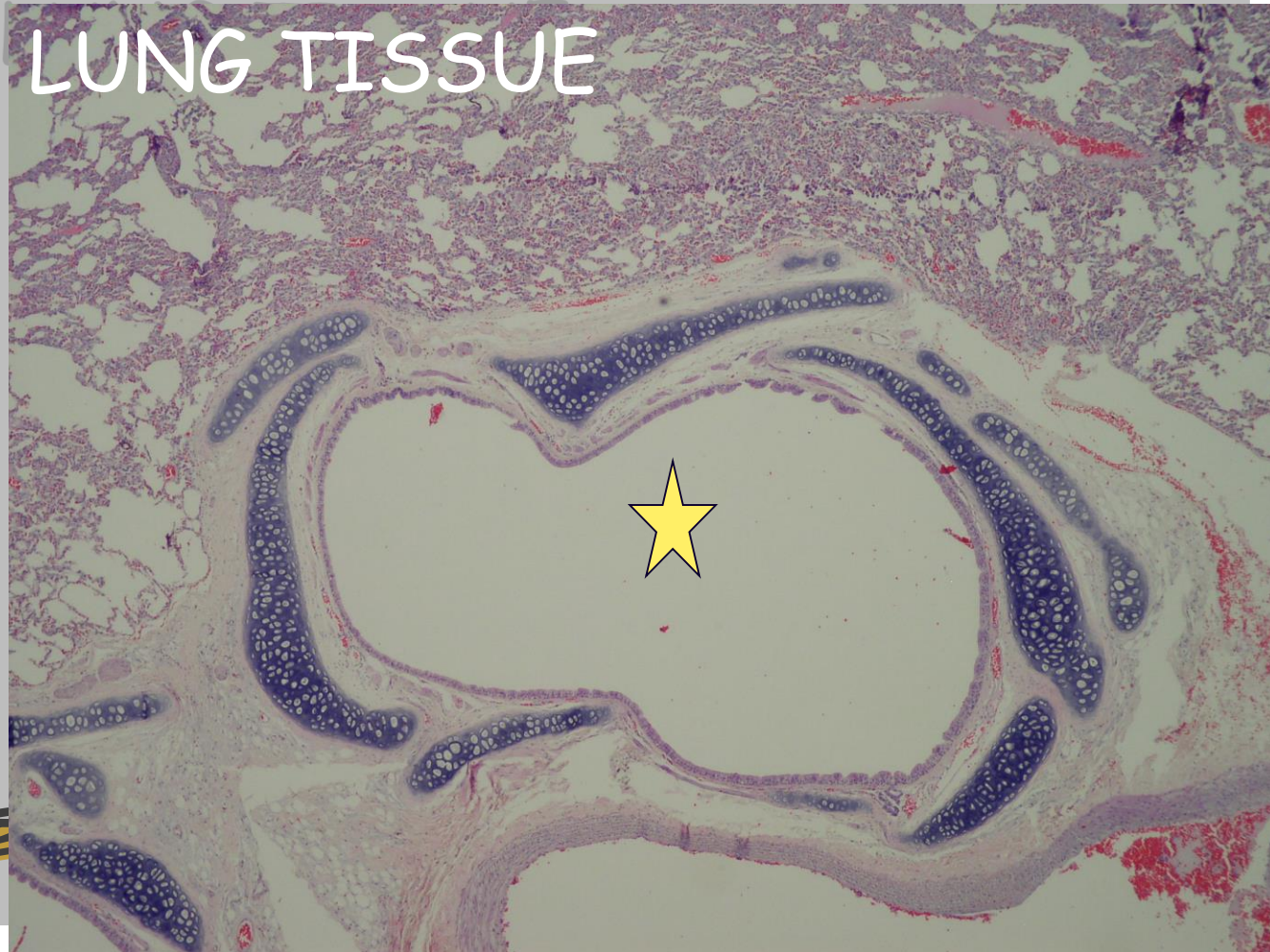
PSEUDOSTRATIFIED COLUMNAR CILATED + GOBLET CELL



INTRAPULMONARY BRONCHUS- LARGE

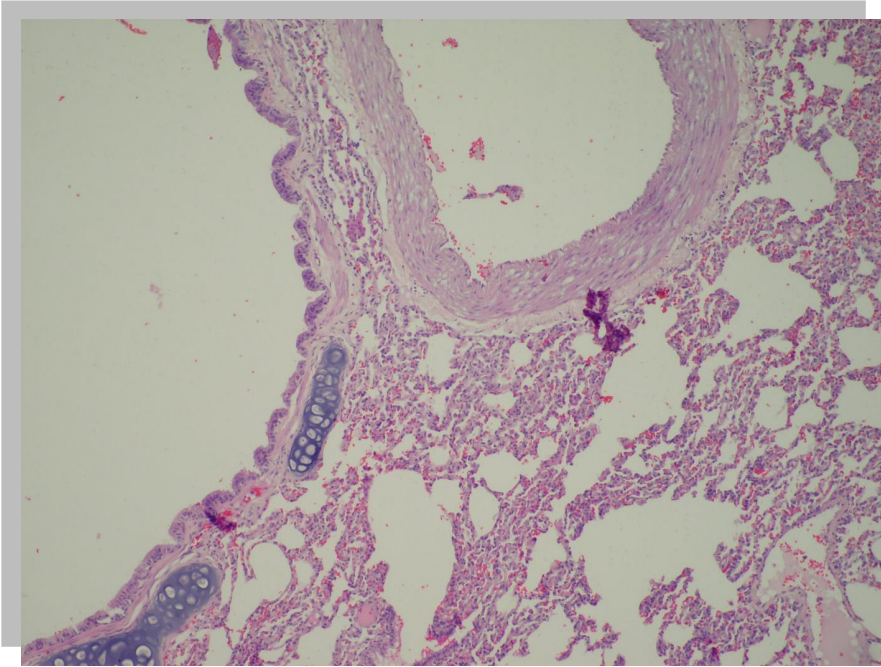


LUNG TISSUE

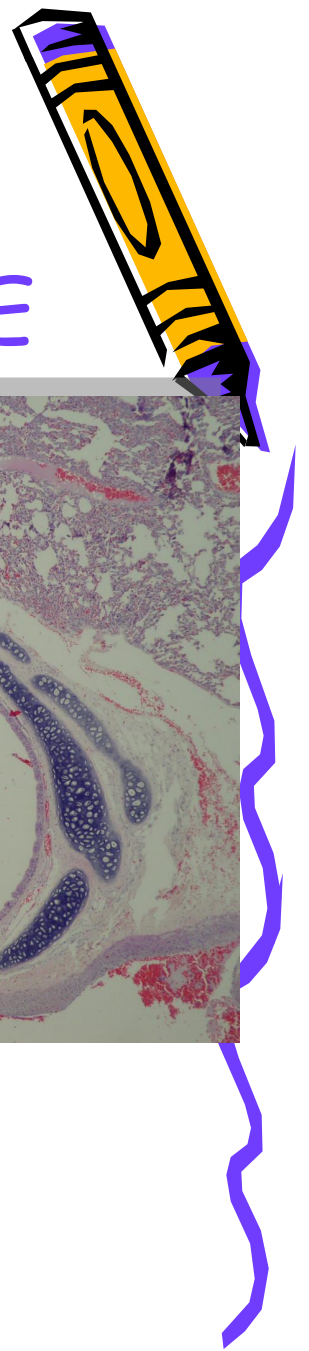
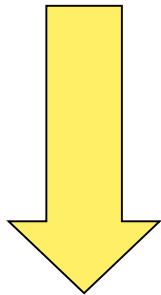
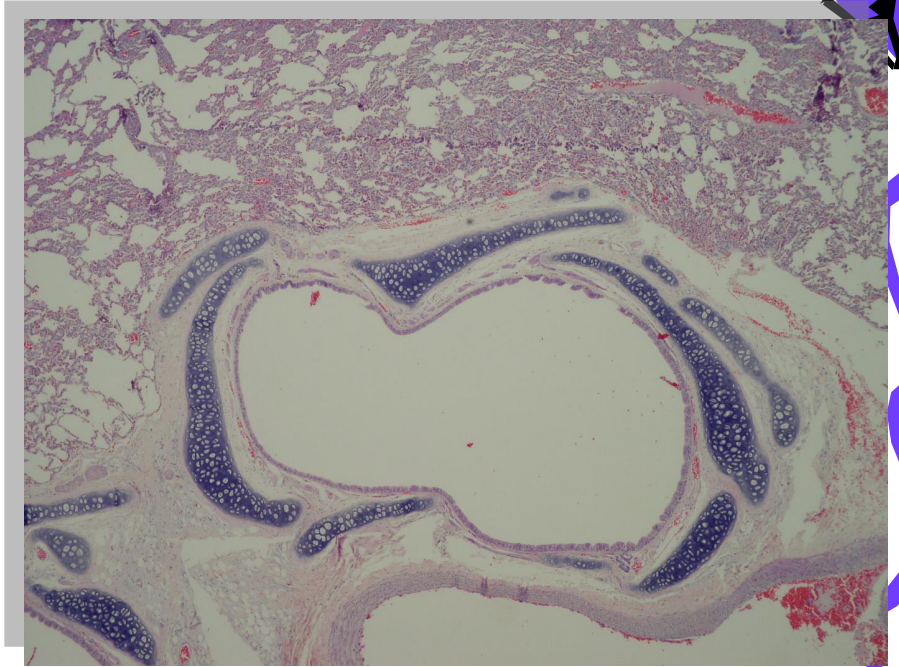


INTRAPULMONARY BRONCHUS:

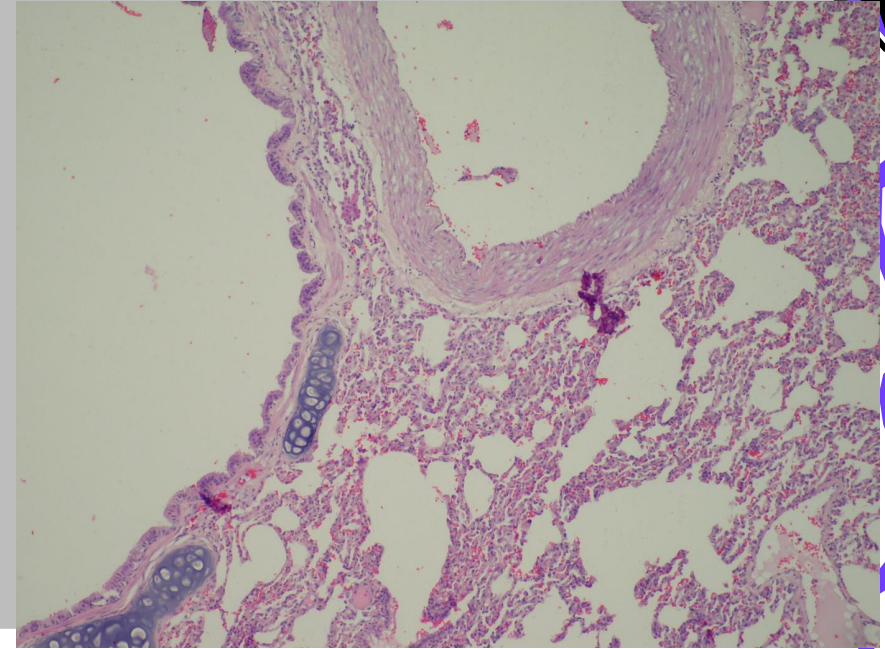
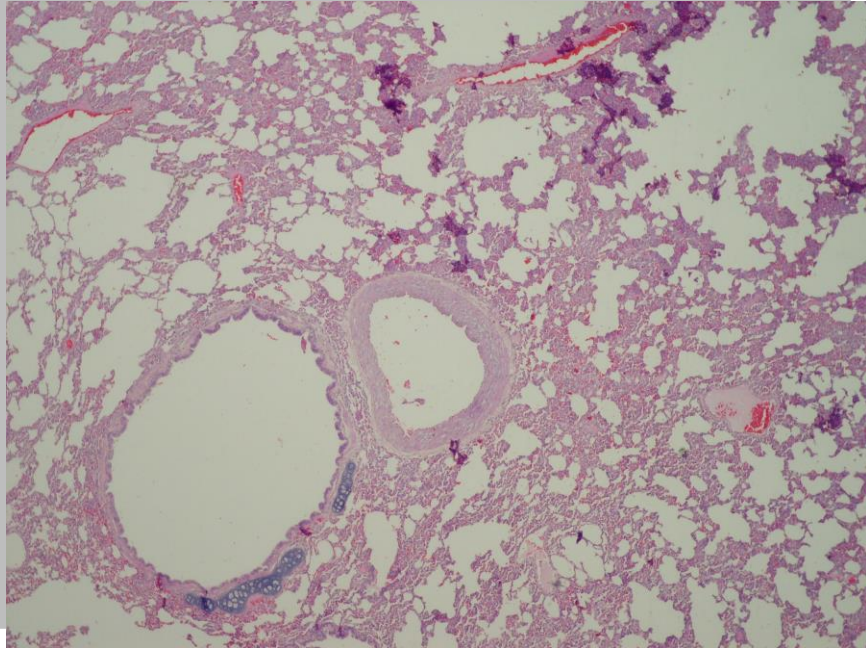
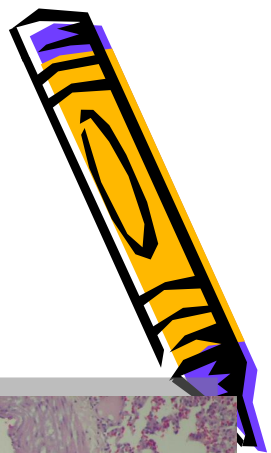
SMALL



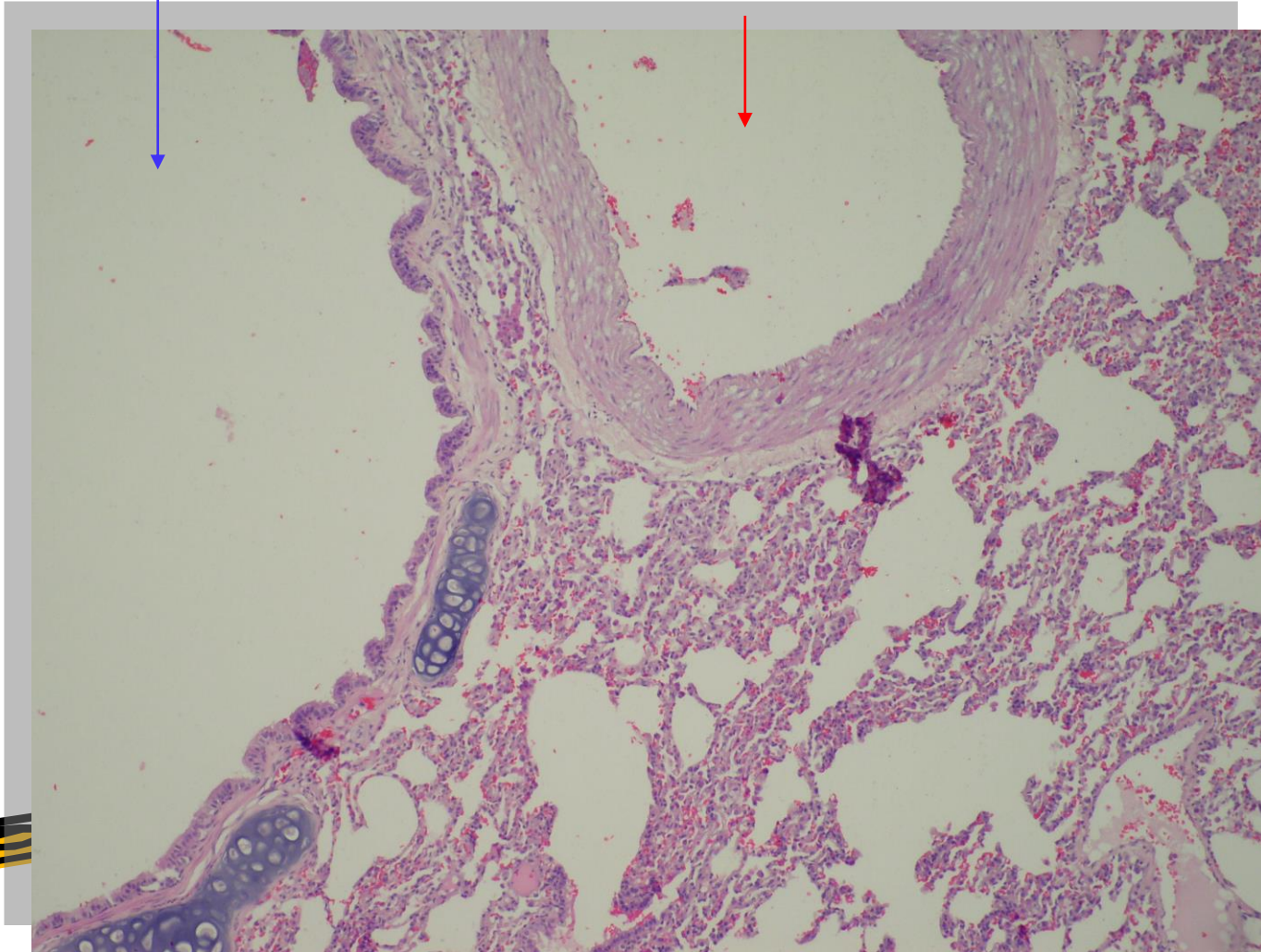
LARGE

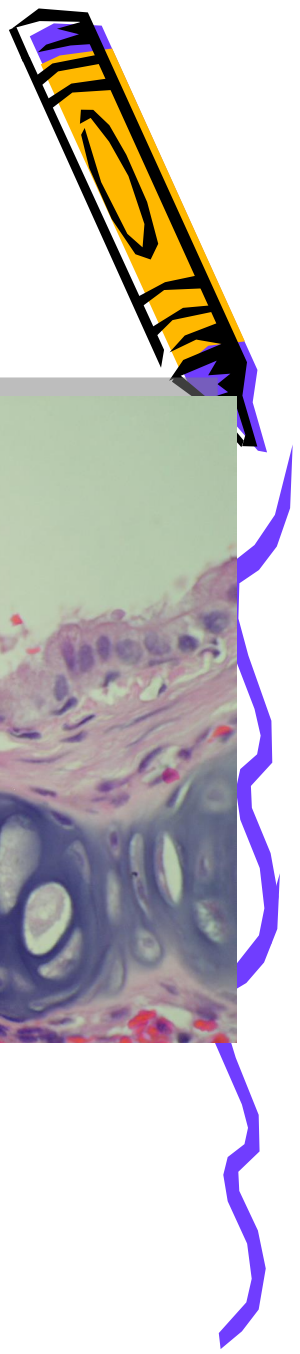
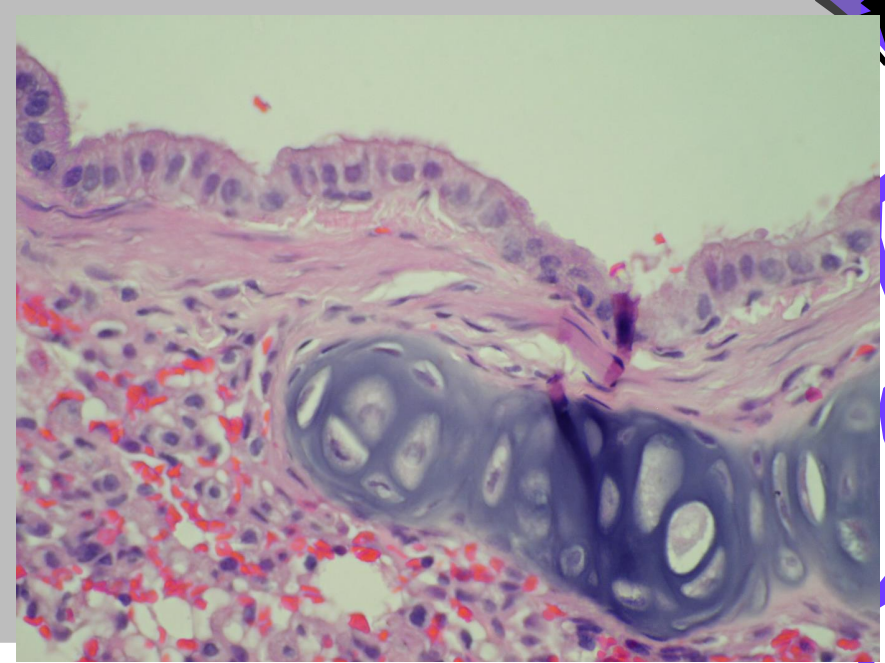
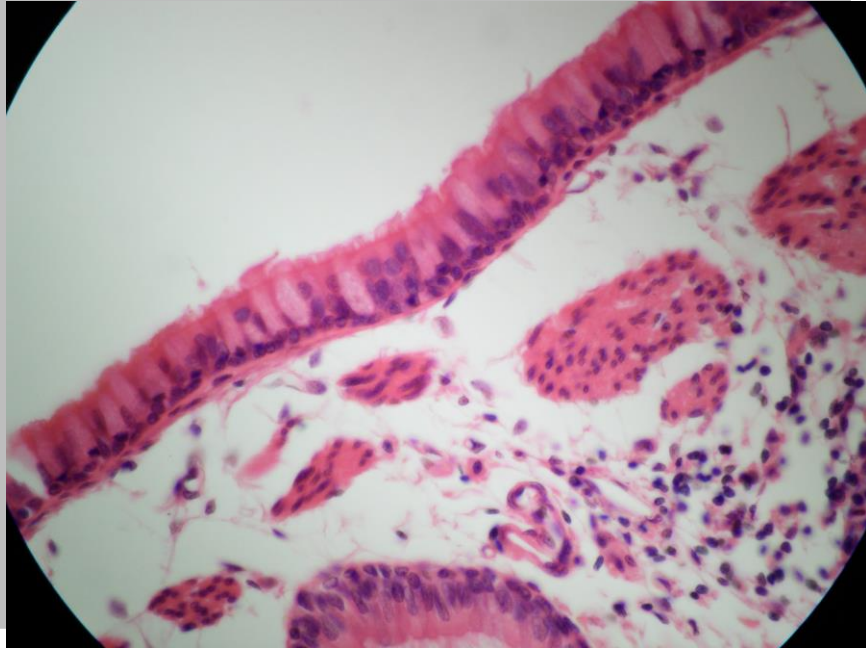


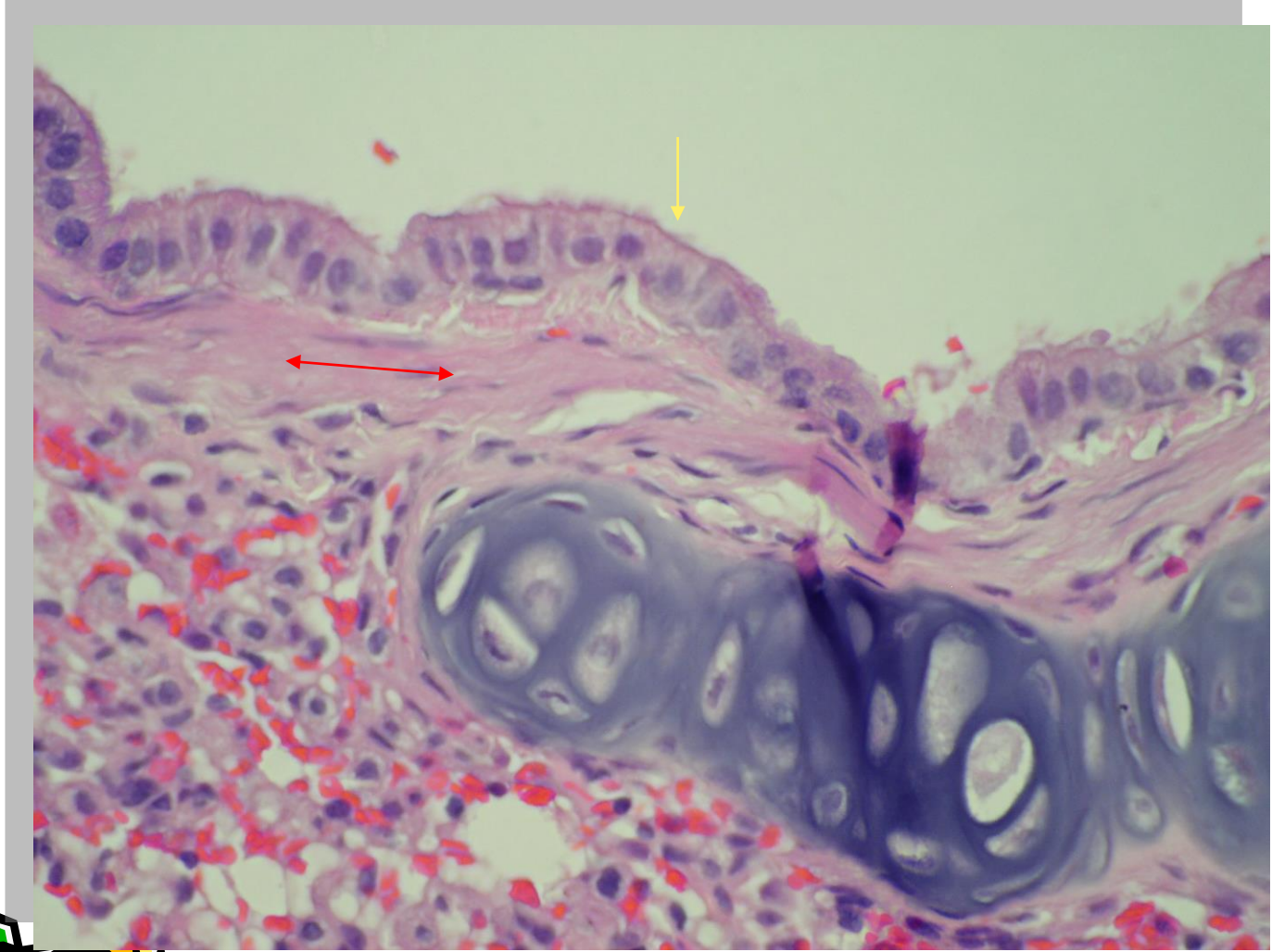
SMALL



INTRAPULMONARY BRONCHUS PULMONARY VESSEL



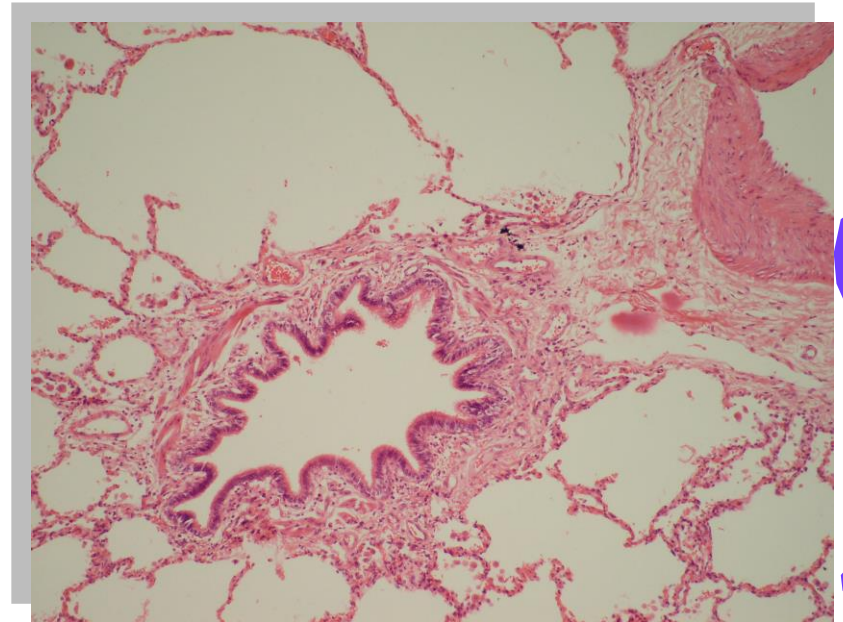
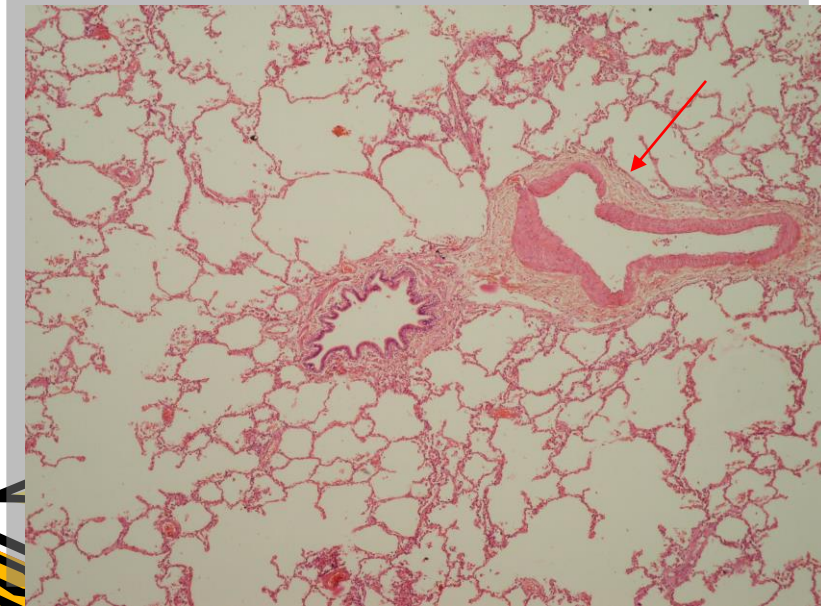




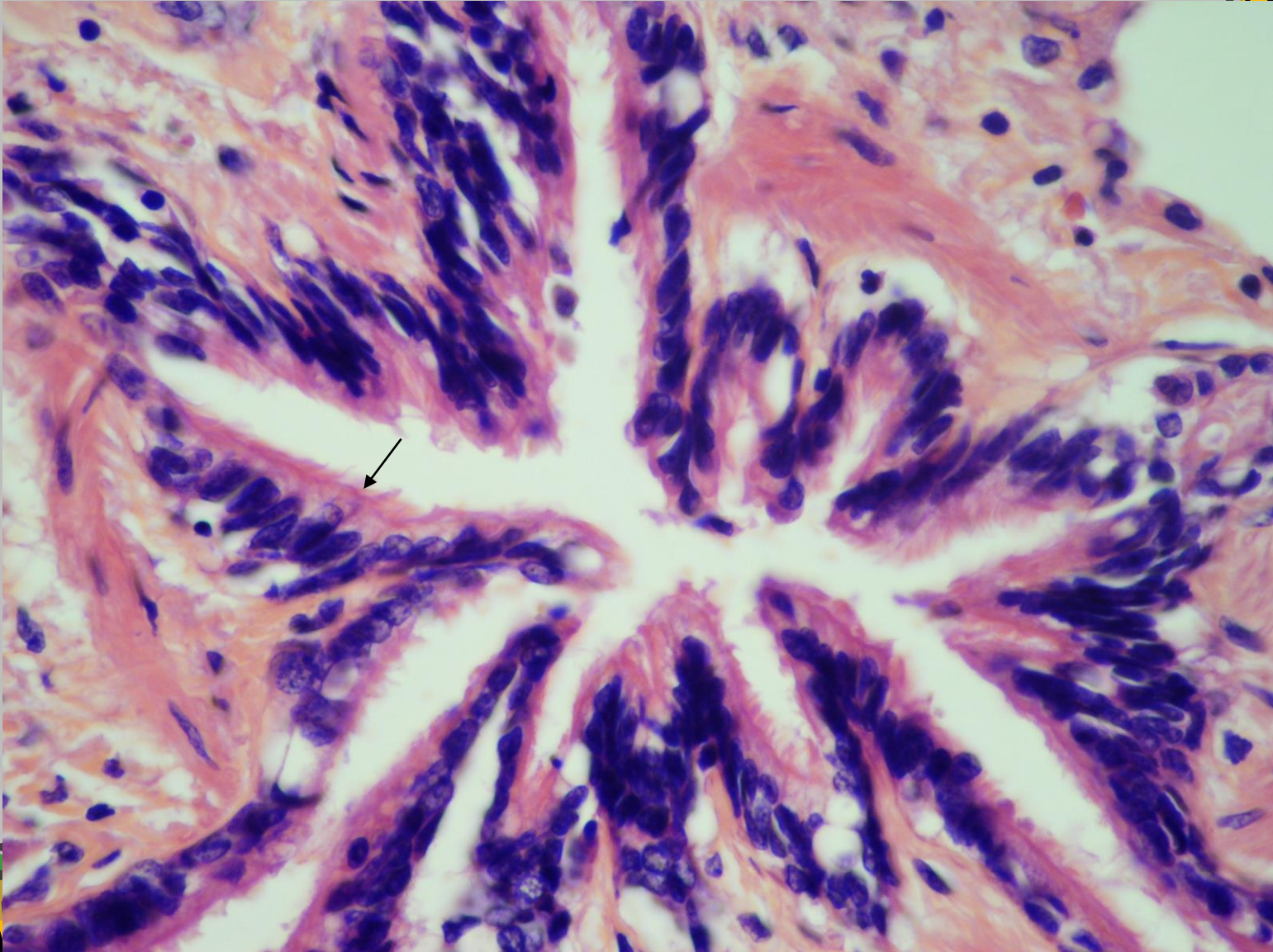
TERMINAL BRONCHIOLES

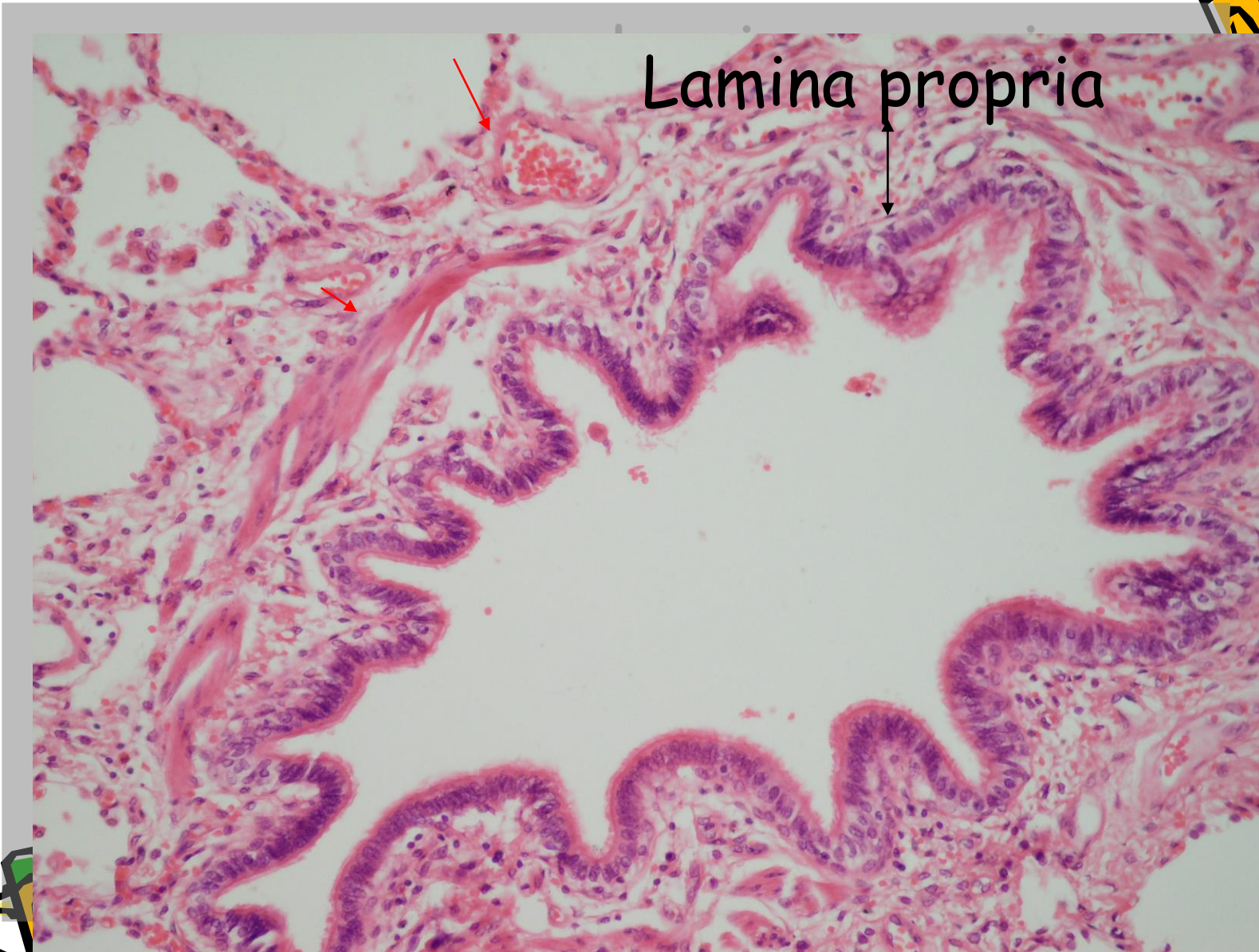


PULMONARY VESSEL



SIMPLE COLUMNAR CILIATED EP.

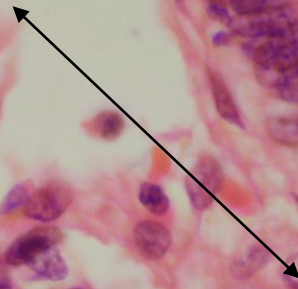




Lamina propria



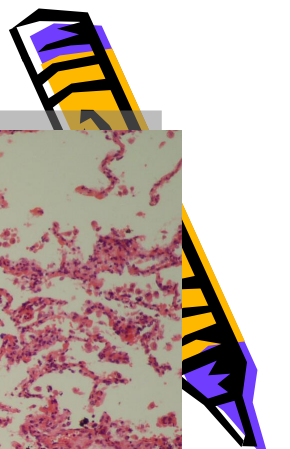
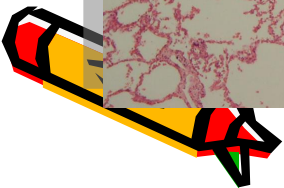
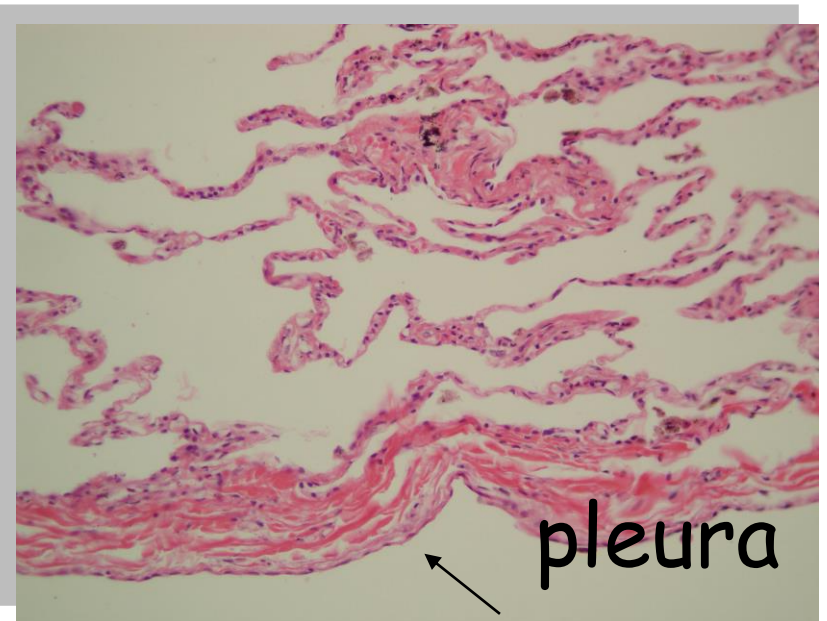
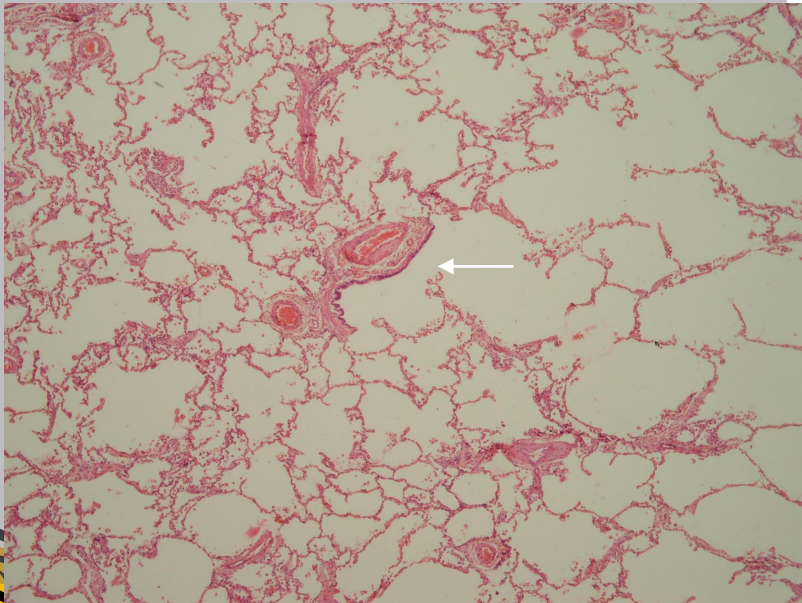
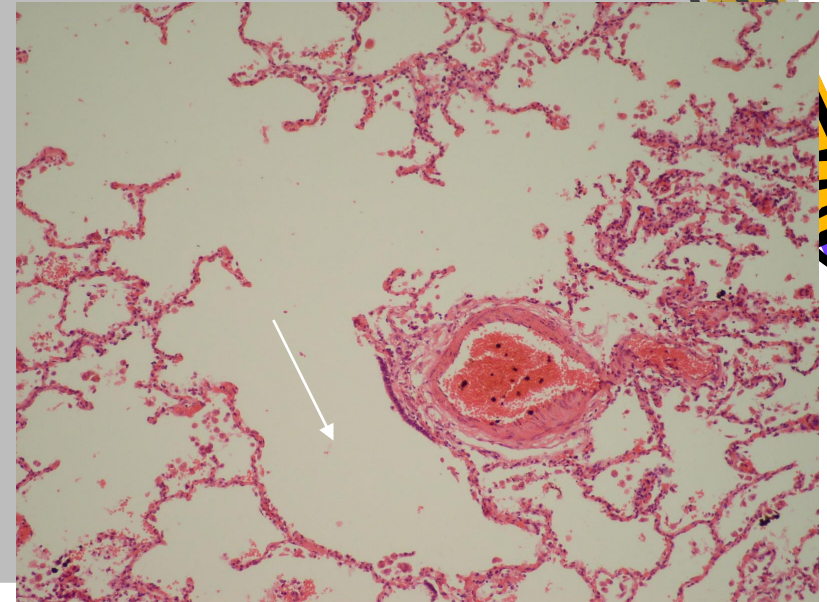
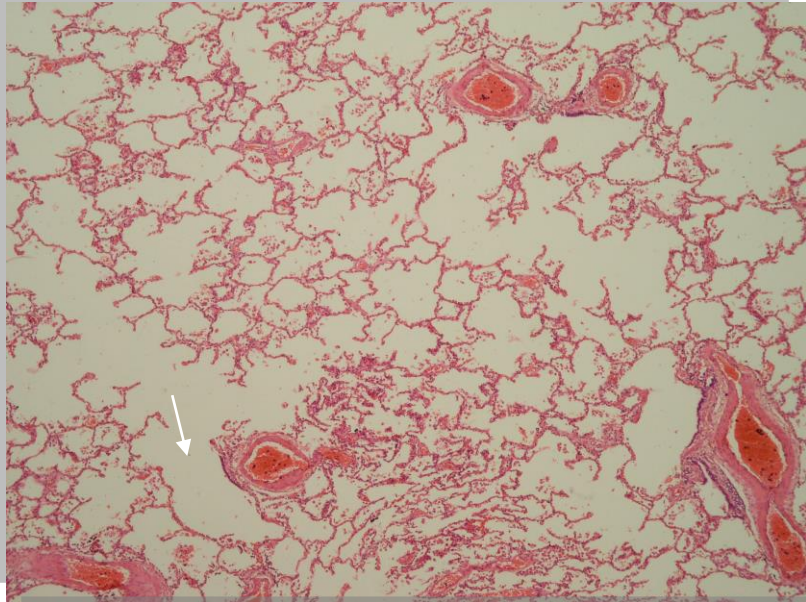
SM



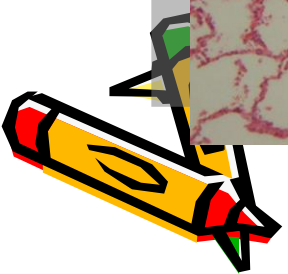
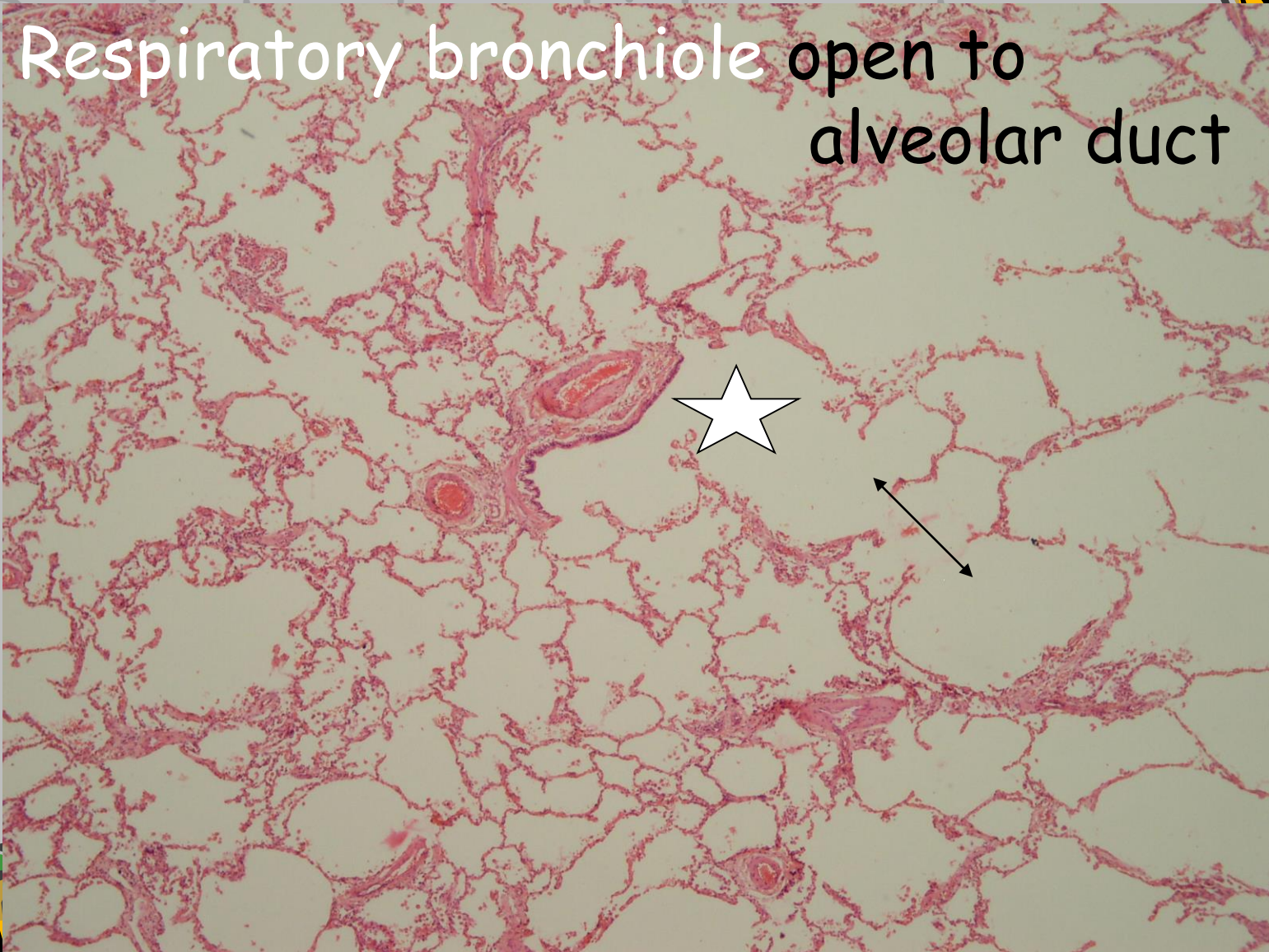
SIMPLE
COLUMNAR
CILIATED EP.



Respiretory bronchioles in lung tissue



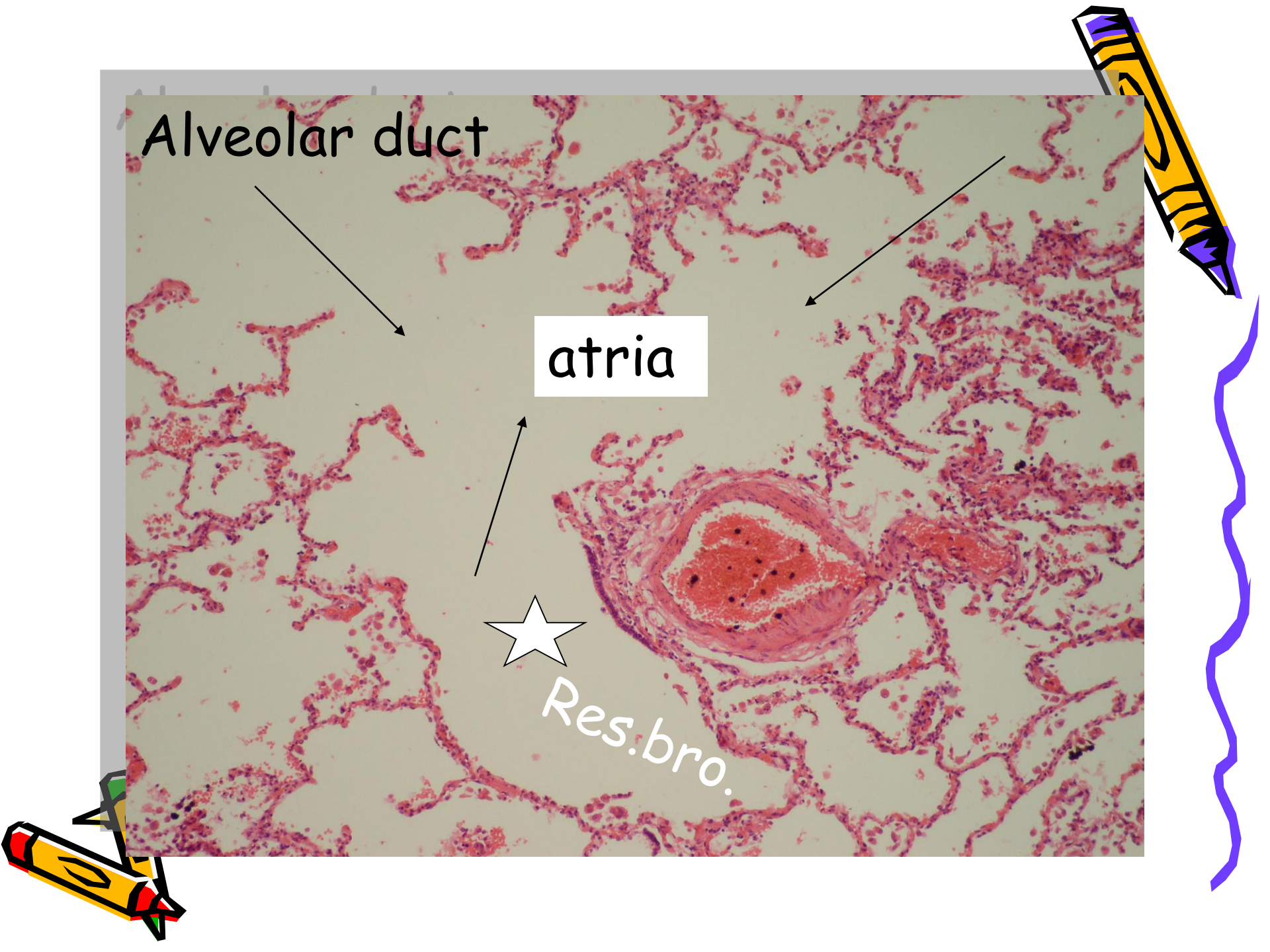
Respiratory bronchiole open to alveolar duct

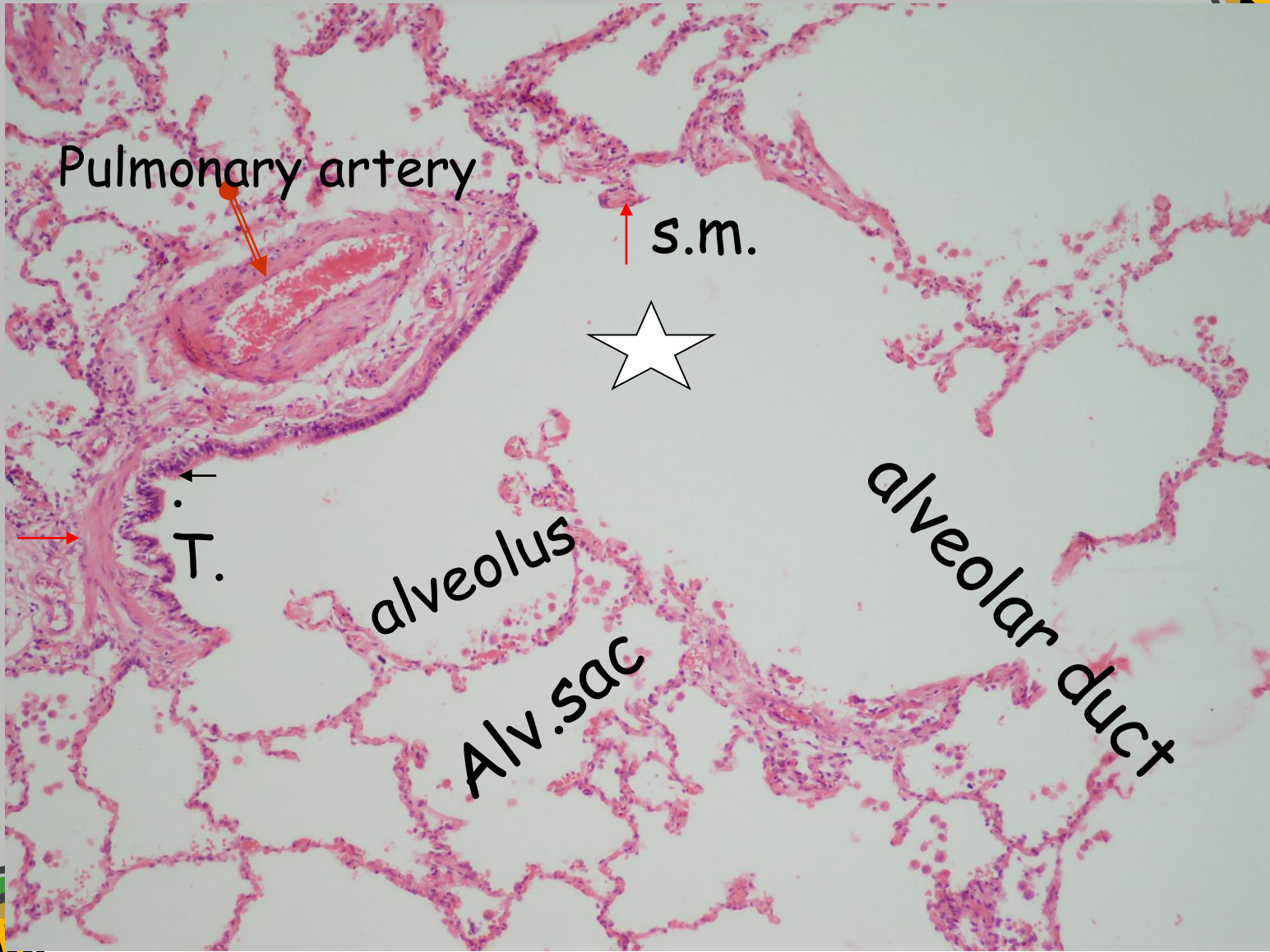


Alveolar duct

atria

Res.bro.





Pulmonary artery

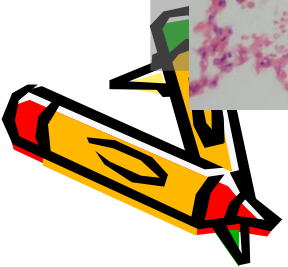
s.m.

T.

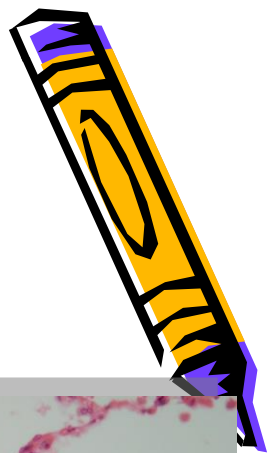
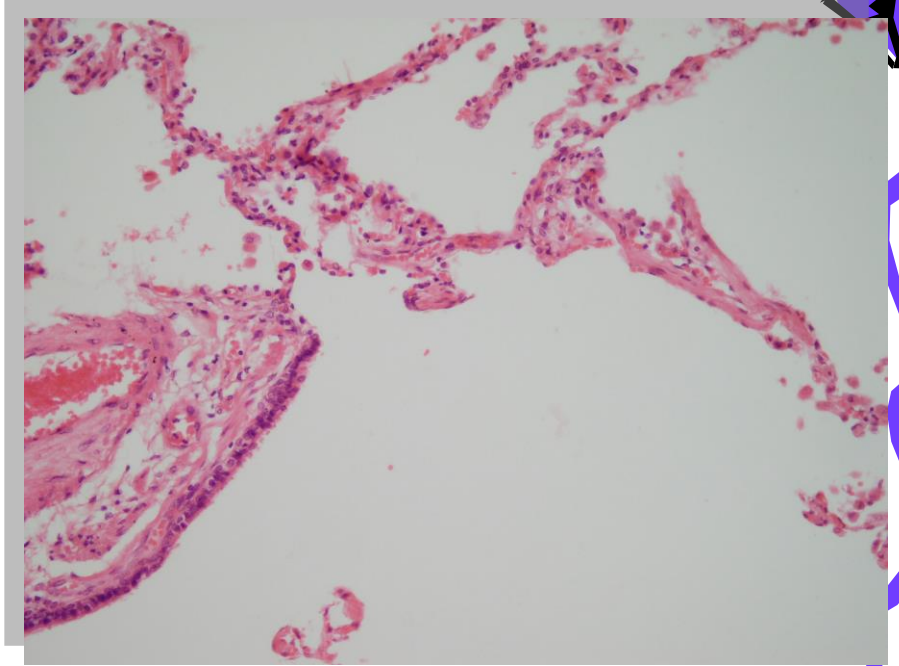
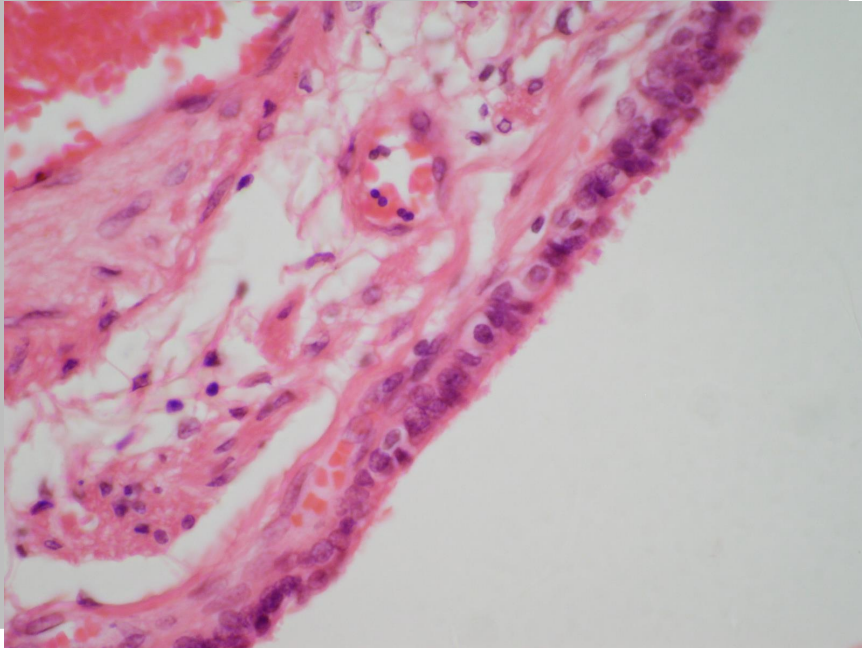
alveolus

Alv.sac

alveolar duct



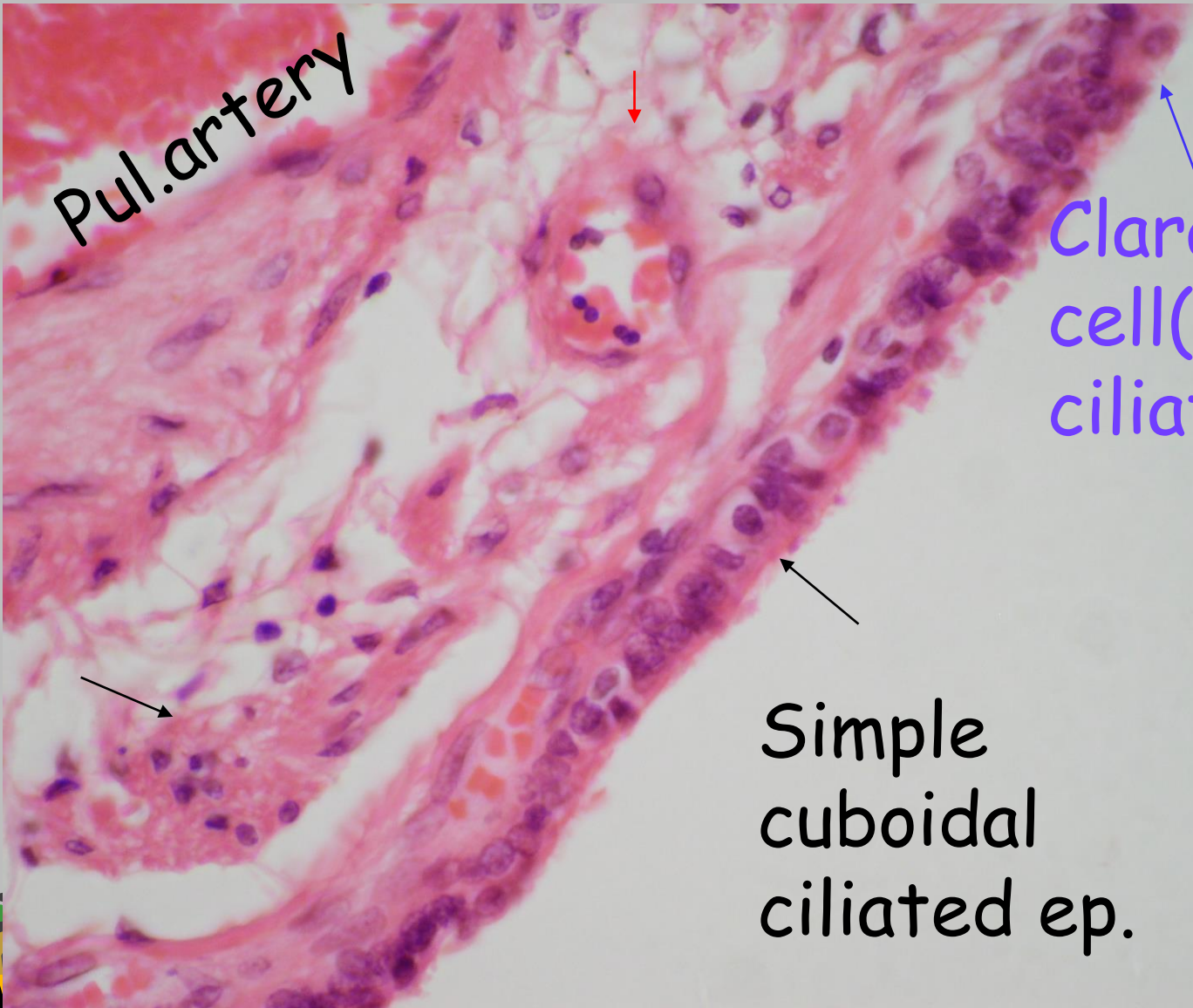
Bronchial wall:

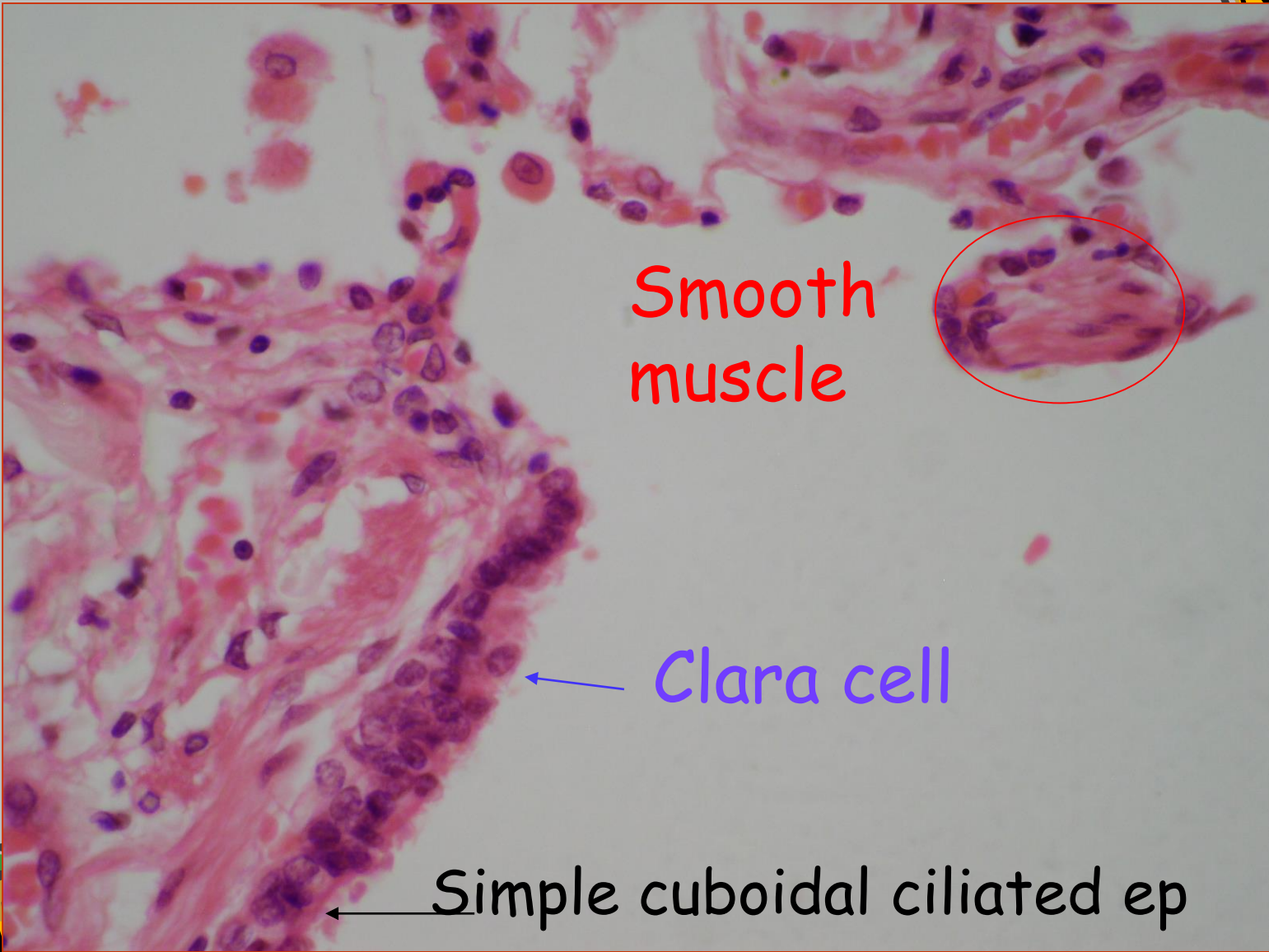


Pul. artery

Clara cell (non-ciliated)

Simple cuboidal ciliated ep.



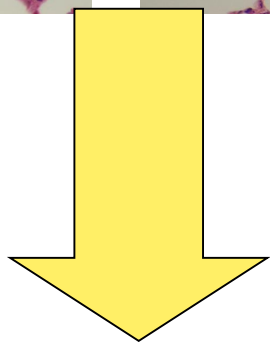
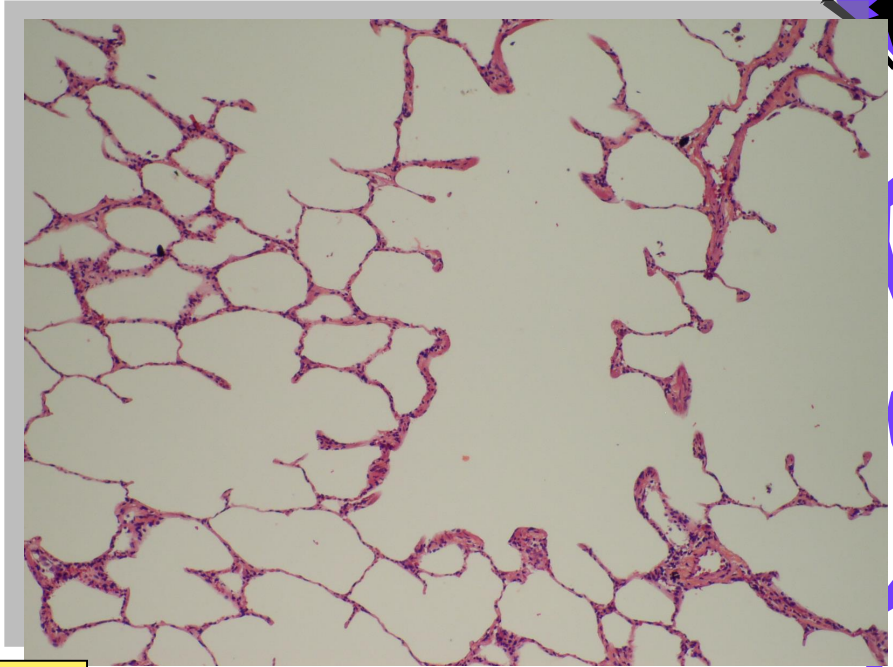
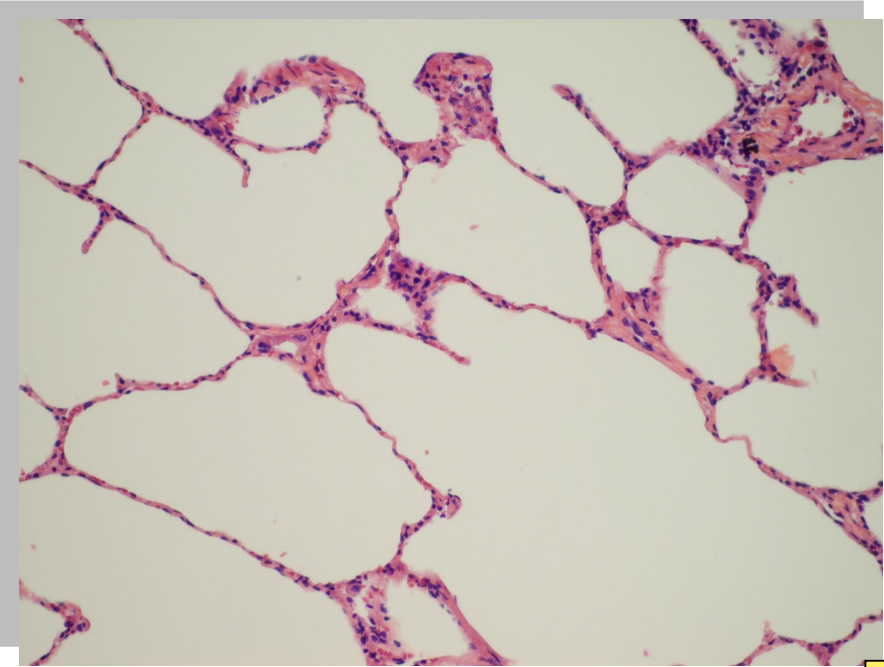
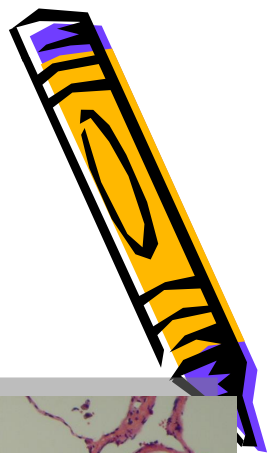


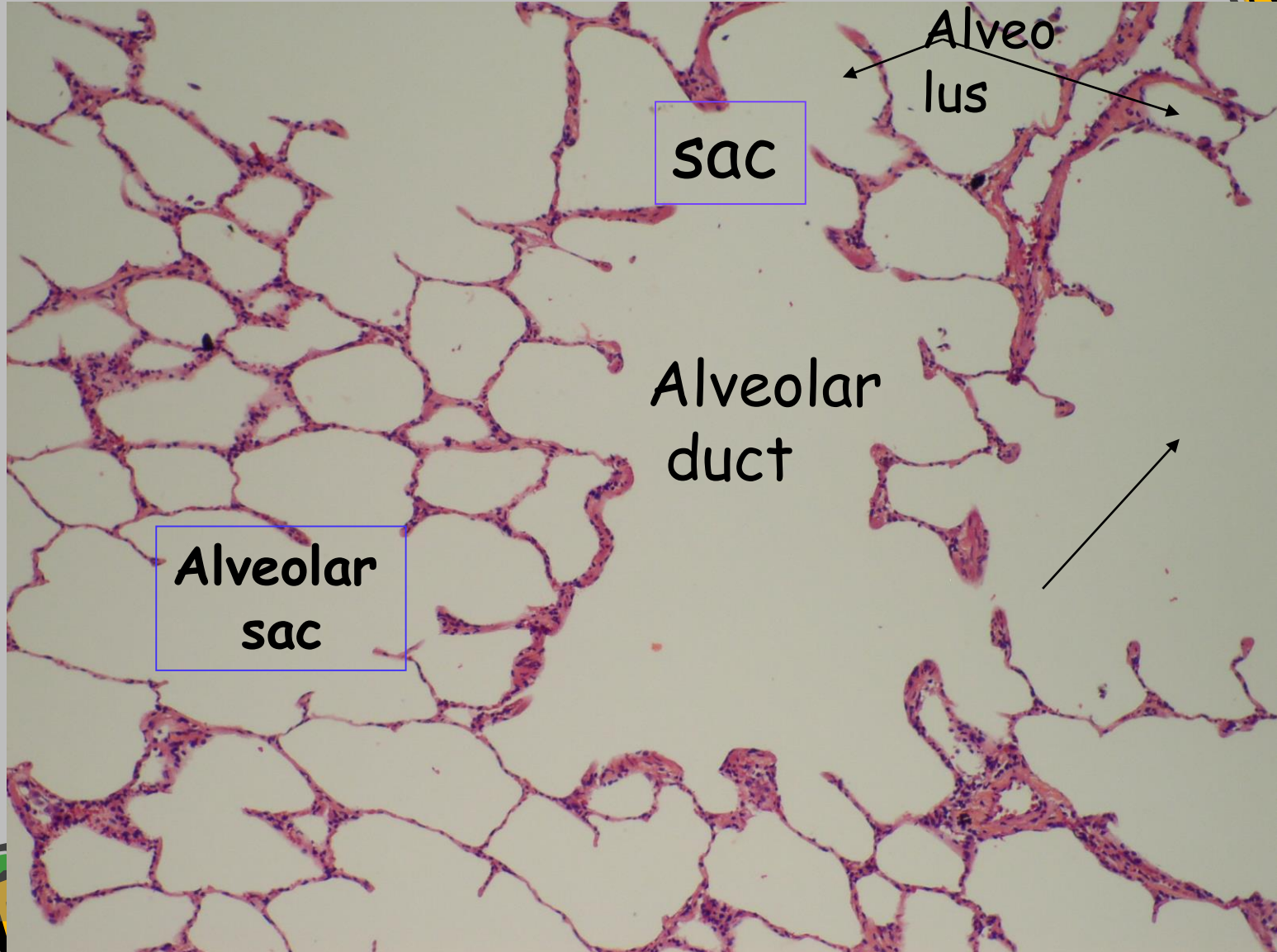
Smooth muscle

Clara cell

Simple cuboidal ciliated ep







Alveo
lus

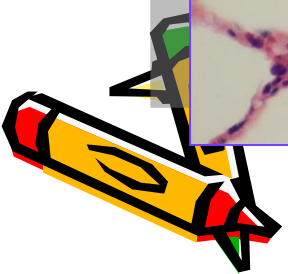
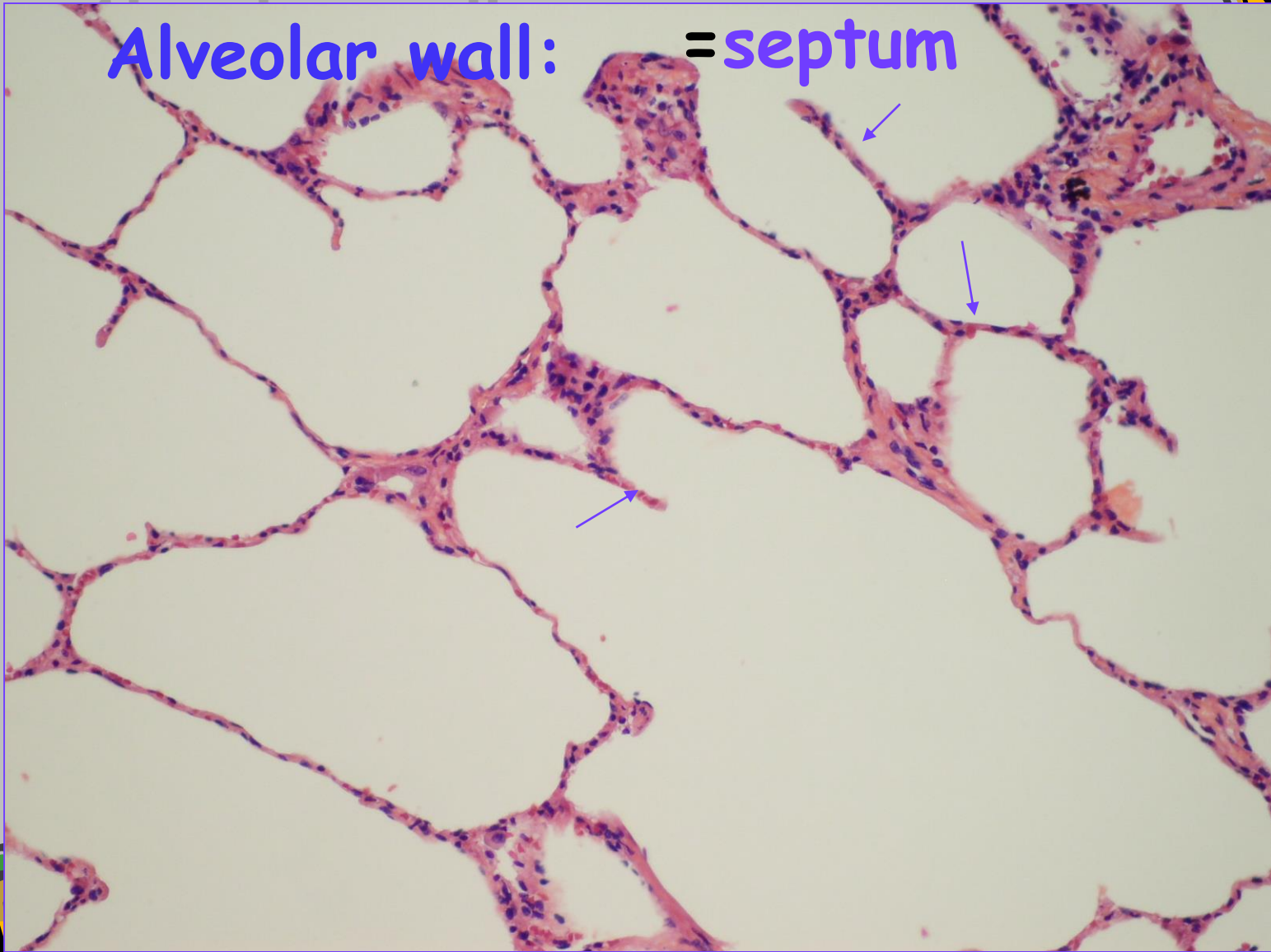
sac

Alveolar
duct

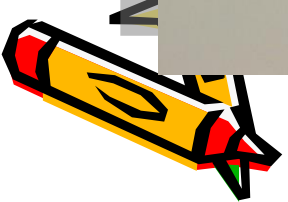
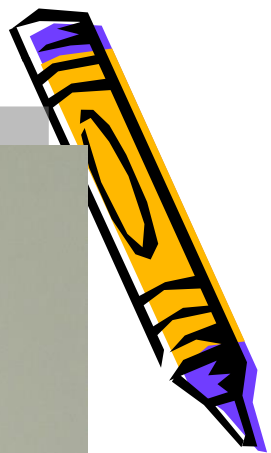
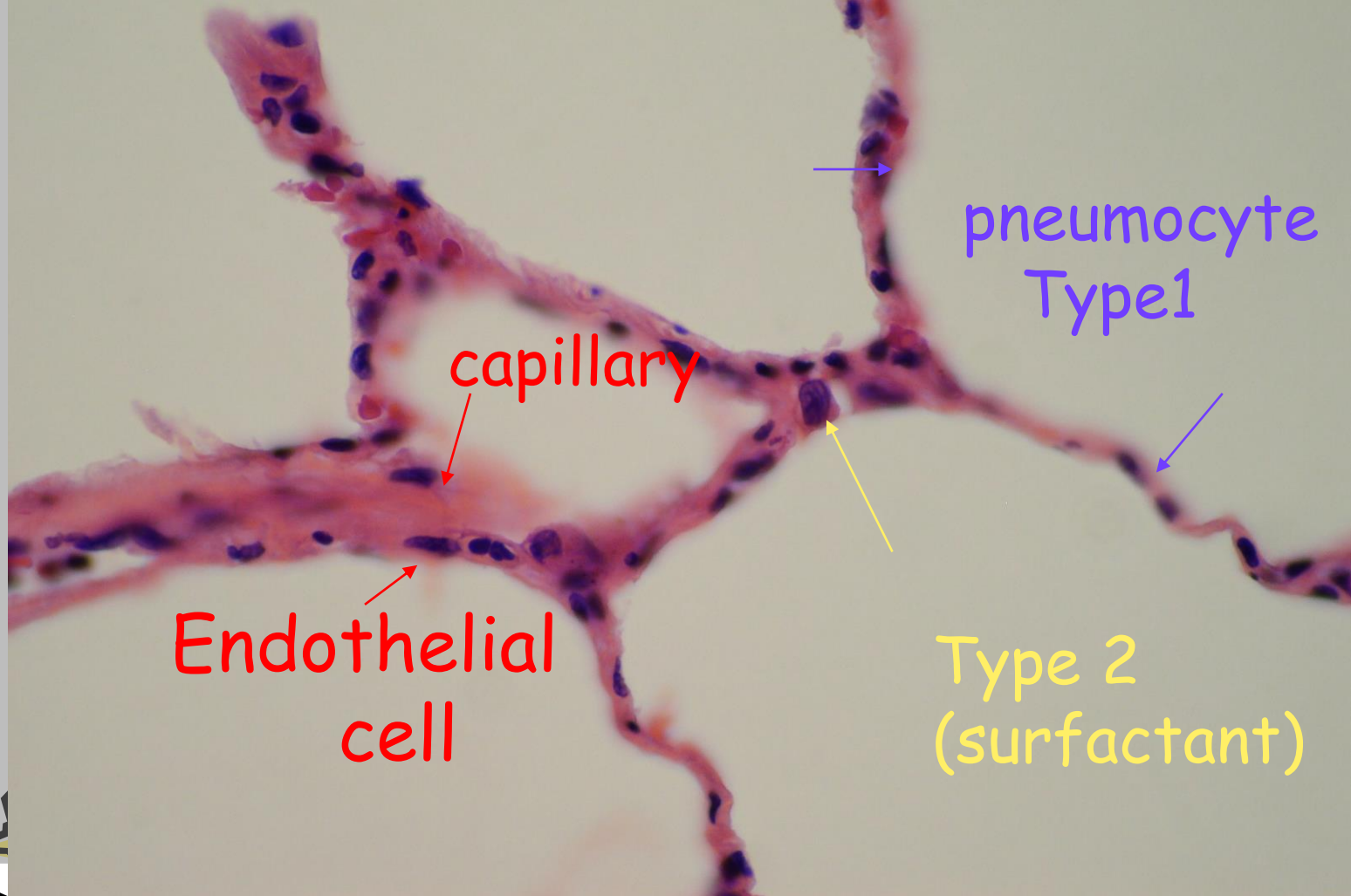
Alveolar
sac

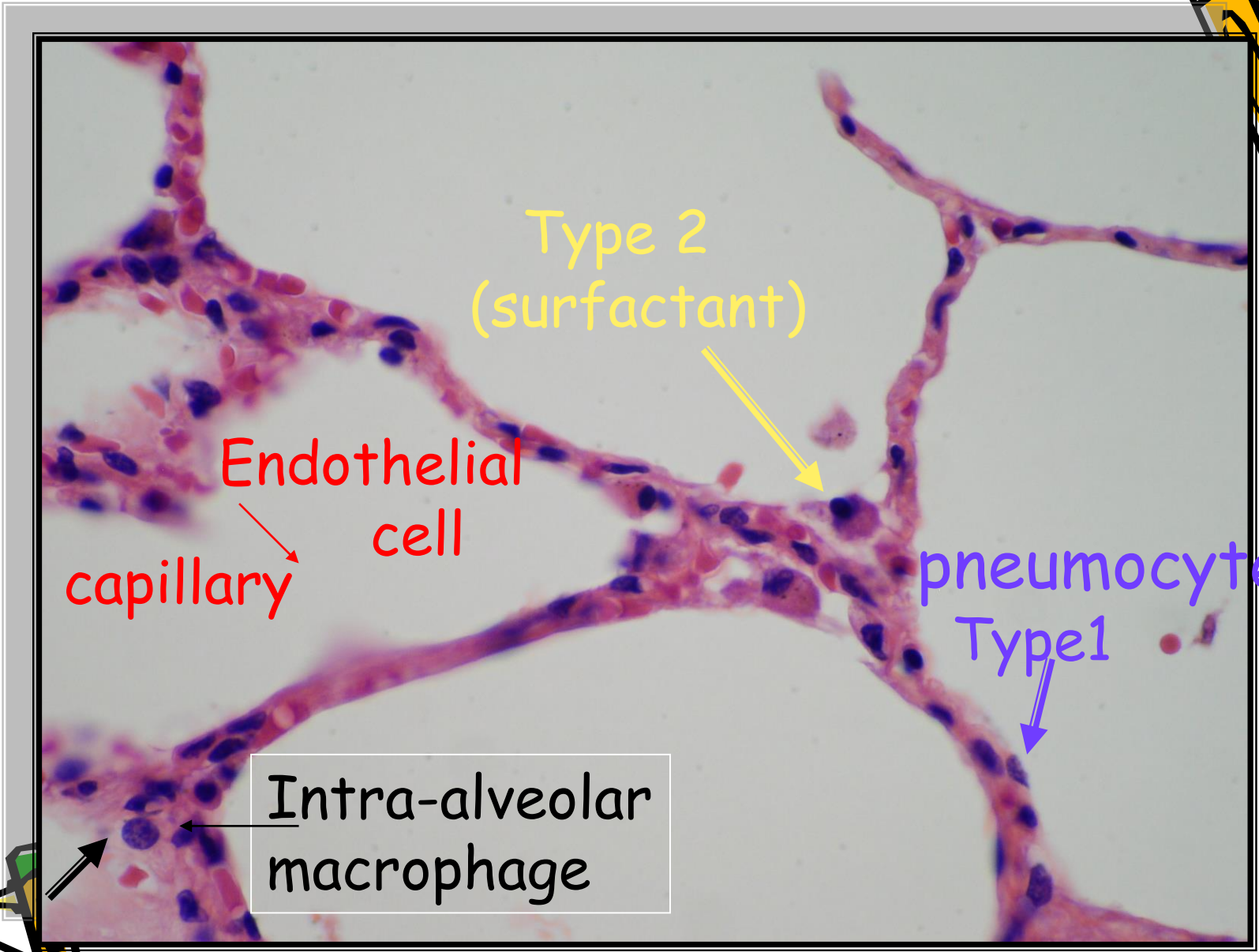


Alveolar wall: = septum



Alveolar septum epithelial cells:-





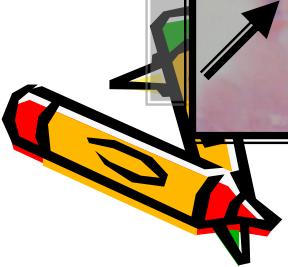
Type 2
(surfactant)

Endothelial
cell

capillary

pneumocyte
Type 1

Intra-alveolar
macrophage

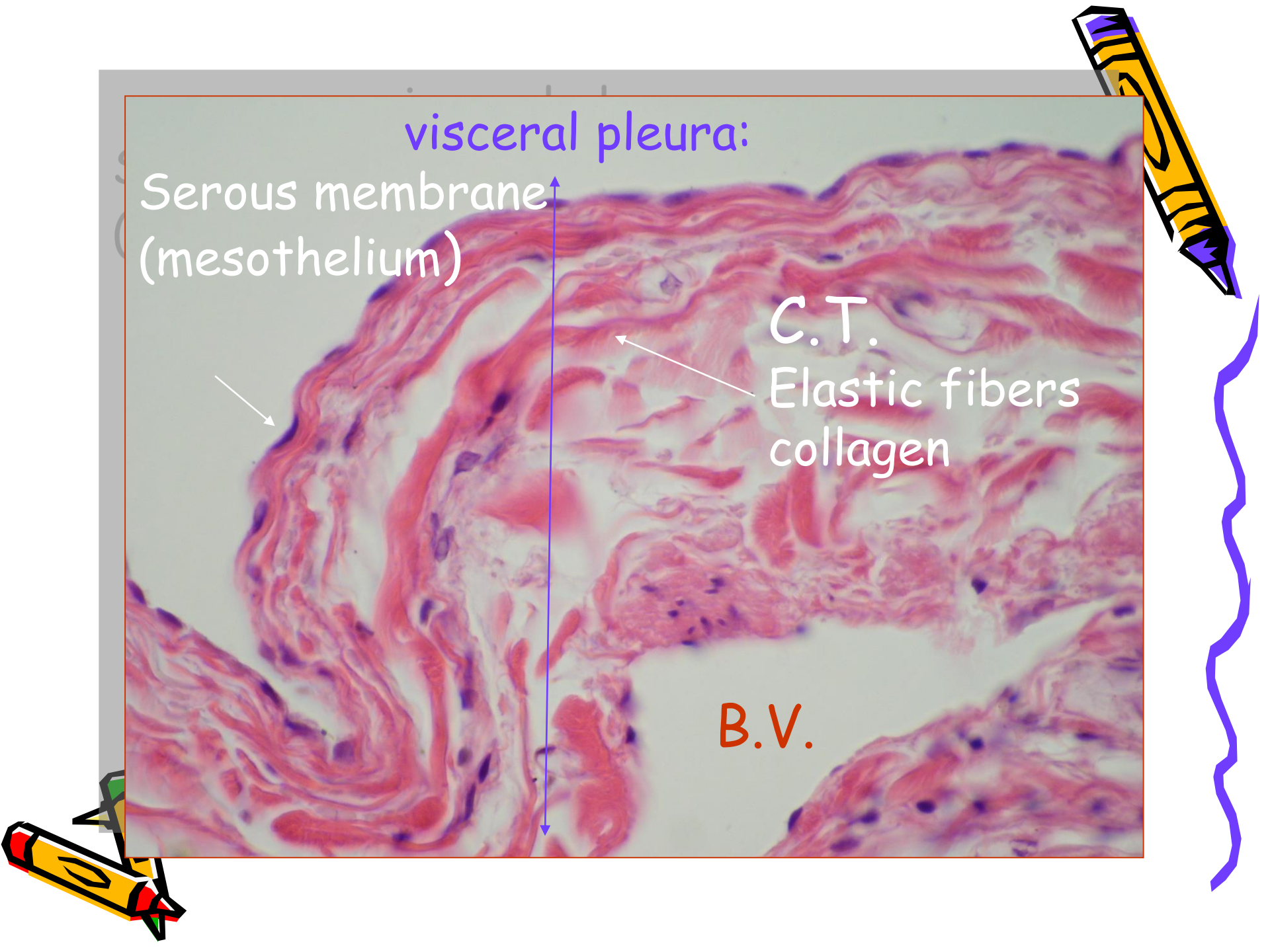


visceral pleura:

Serous membrane
(mesothelium)

C.T.
Elastic fibers
collagen

B.V.



Alveolar macrophage= dust cells

