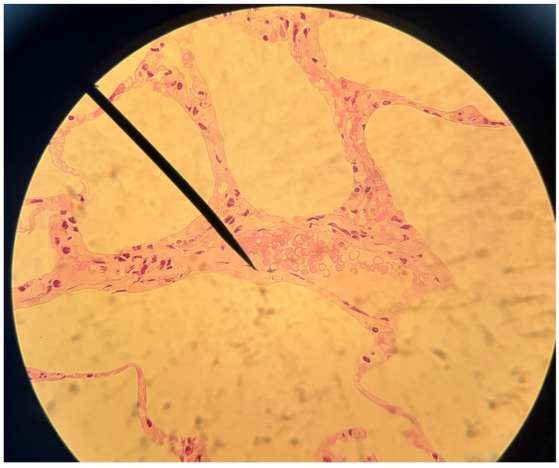
Epithelium

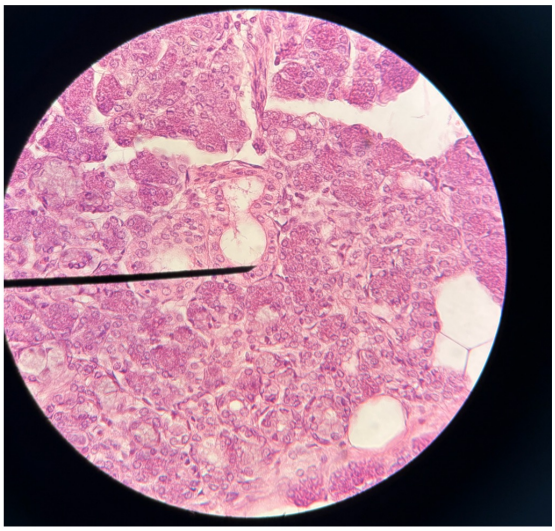
1

→ Simple squamous epithelium

→ endothelium

→ RBC





2

→ Simple cuboidal epithelium

→ Stratified cuboidal epithelium

→ Adipocytes

→ Serous acini

→ ducts

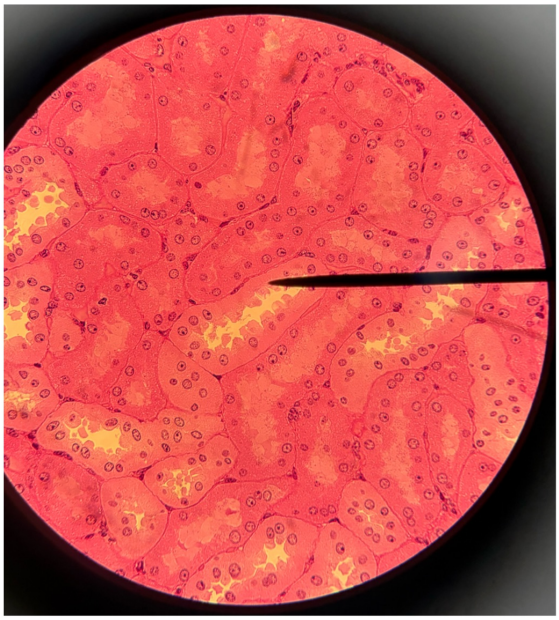
→ lumens

3

→ Simple cuboidal epithelium

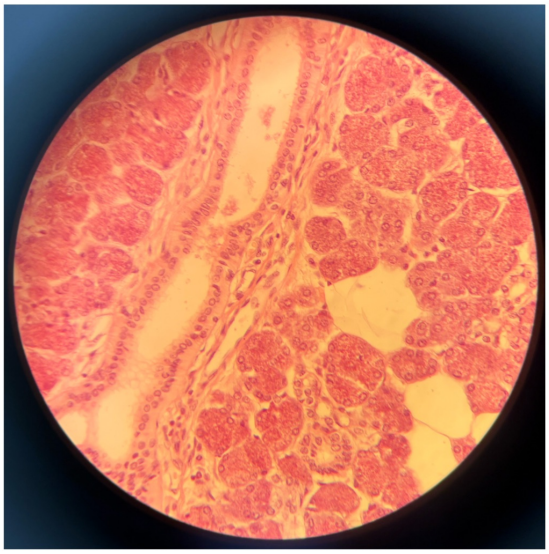
→ ducts

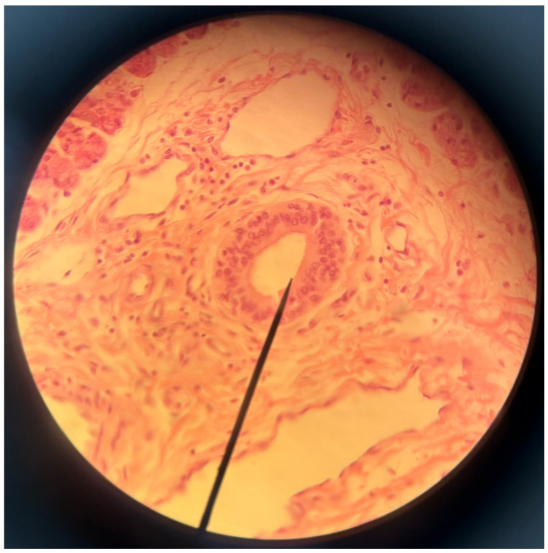
→ lumens



4

- Simple cuboidal epithelium
- Serous acini
- ducts
- lumens
- Serous acini
- Adipocytes
- Stroma (connective tissue)





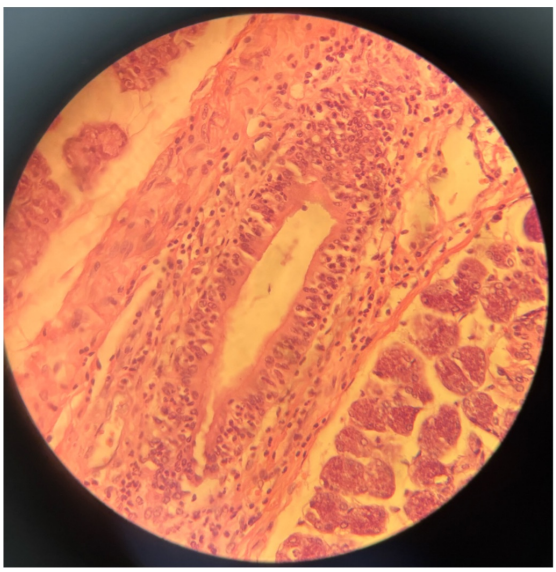
5

- Stratified cuboidal epithelium
- Simple squamous epithelium
- Connective tissue

*

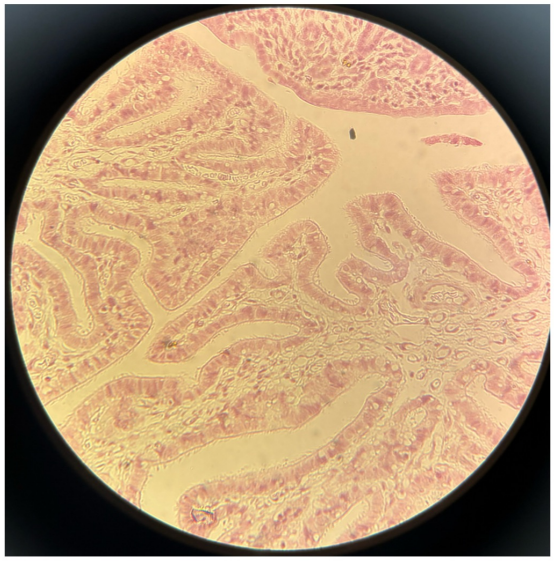
6

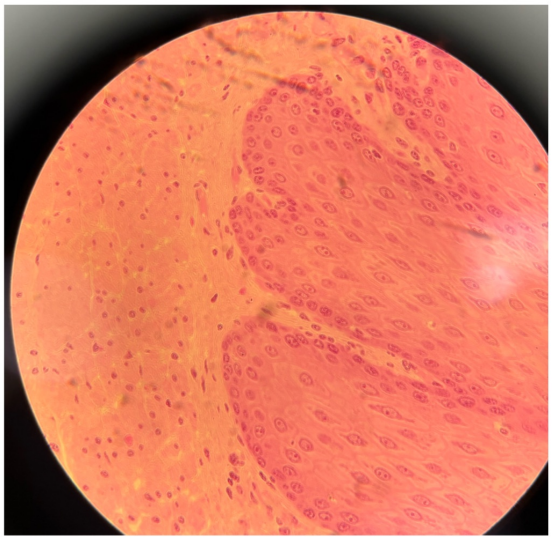
- Stratified columnar epithelium
- duct
- lumen
- Simple squamous epithelicum (endothelium)
- RBC
- Connective tissu
- Serous acini



7

- Simple columnar epithelium
- Cilia
- goblet cells
- Connective tissue
- lumen



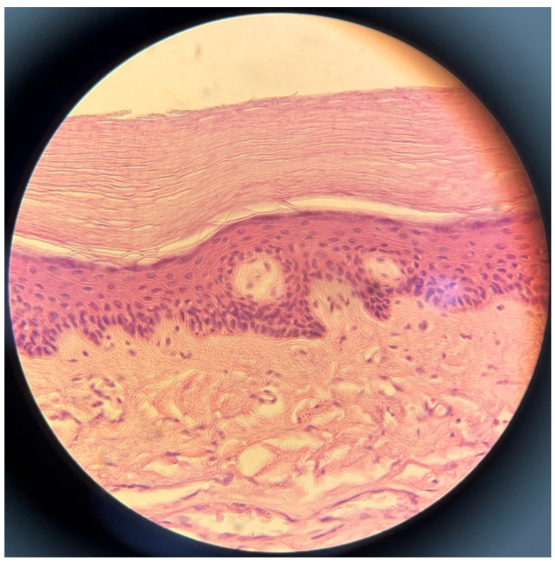


8

- Stratified squamous non-keratinized
- Connective tissue

9

- Stratified squamous keratinized
- keratin
- Connective tissue
- Simple squamous epithelium
- RBC



10

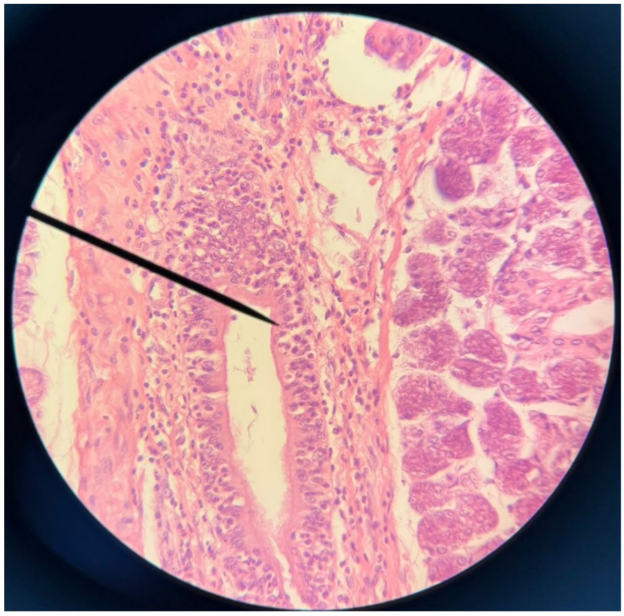
→ Stratified columnar epithelium

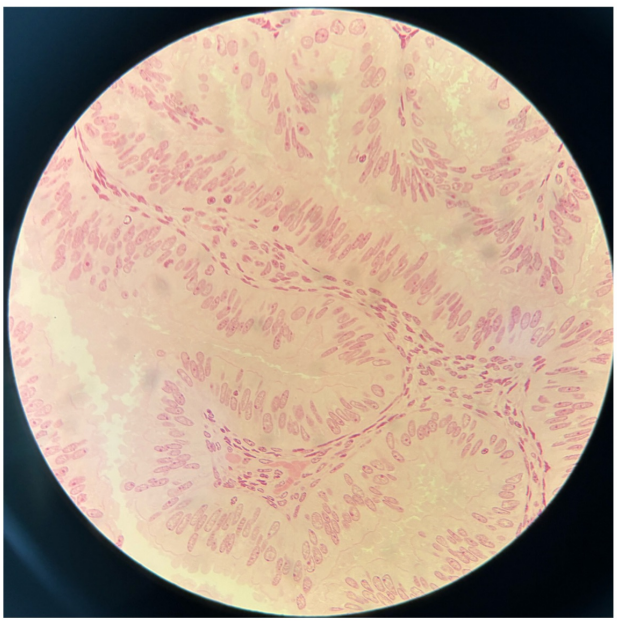
→ duct

→ lumen

→ Simple cuboidal epithelium

→ Serous acini





11

→ Simple columnar epithelium

→ Cilia

→ connective tissue

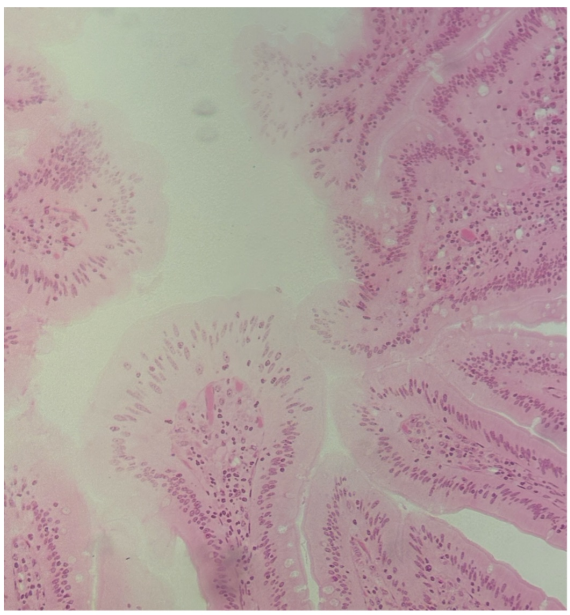
12

→ Simple columnar epithelium

→ microvilli

→ Connective tissue

→ goblet cells

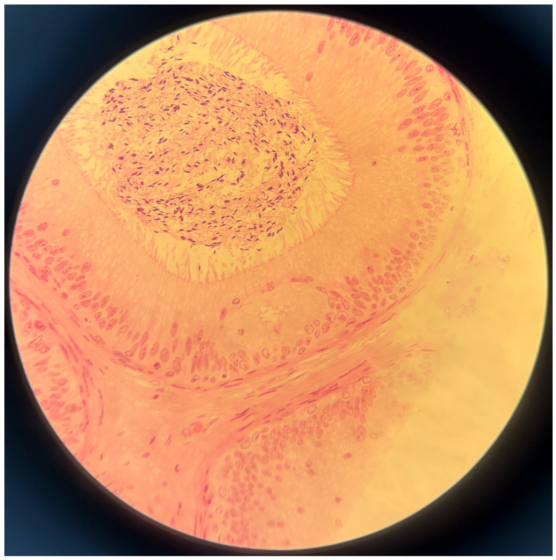


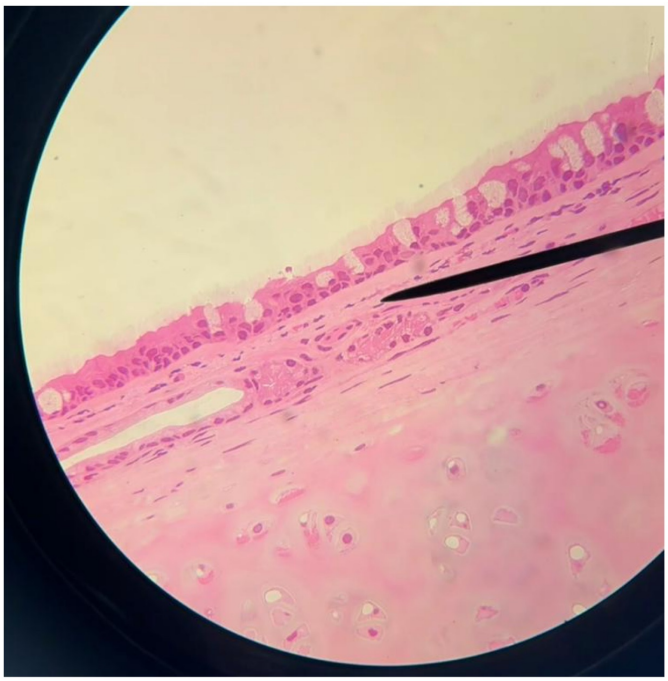
13

→ pseudostratified ciliated columnar epithelium

→ Stereocilia

→ connective tissue





14

→ pseudostratified ciliated columnar epithelium with goblet cells

→ Connective tissue

→ Simple cuboidal epithelium

15

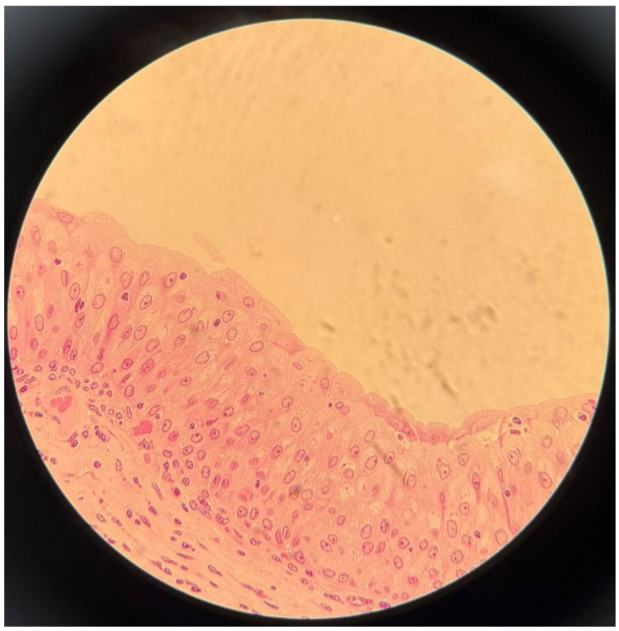
→ transitional epithelium

→ Simple squamous epithelium

→ RBC

→ umbrella cells

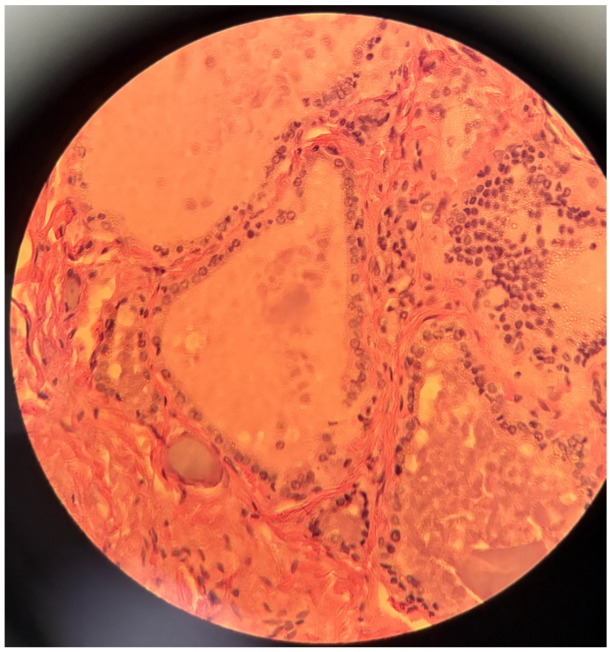
→ binucleated umbrella cells

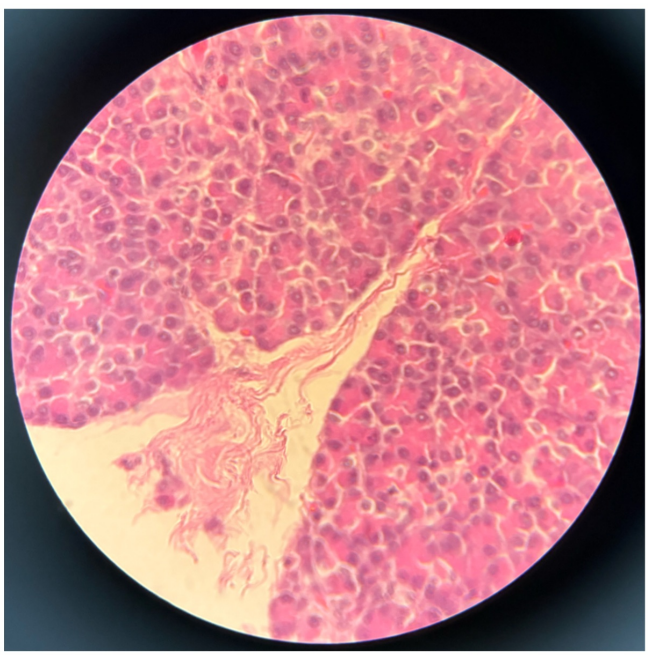


16

→ Simple cuboidal epithelium

→ Connective tissue





17

→ Serous acini

→ Capsule

→ Septum

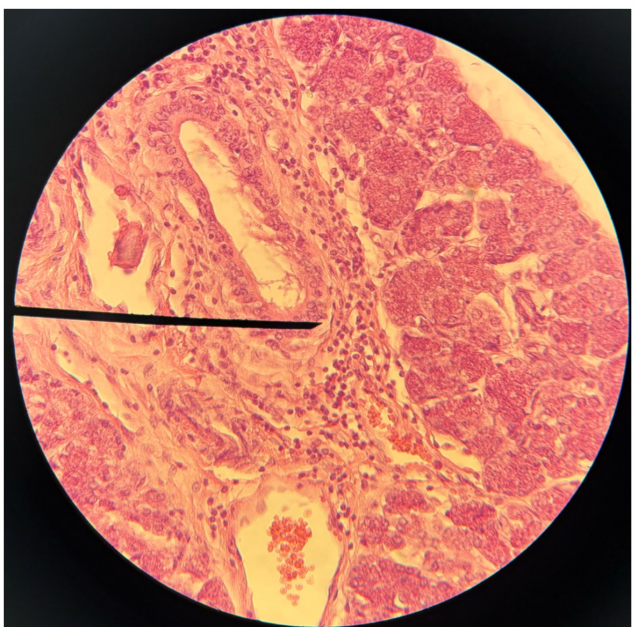
18

→ Stratified cuboidal epithelium

→ Simple Squamous epithelium

→ RBC

→ Connective tissue



* Helpful notes :)

① Transitional epithelium has a maximum of 8 layers

② Stratified cuboidal and columnar have a maximum of 2 to 3 layers

③ to differentiate cuboidal from columnar

- cuboidal:
  - the nucleus is spherical and in the middle
- columnar:
  - the nucleus is basal
  - the cytoplasm is of a large amount

④ Always remember that columnar cells are long enough to have goblet cells between them

⑤ when deciding the type of stratified we always look at the apical cells to decide

⑥ pseudostratified columnar is almost always ciliated with goblet cells