

HISTOLOGY PRACTICAL LECTURE - 19 -

FEMALE REPRODUCTIVE SYSTEM PART 1

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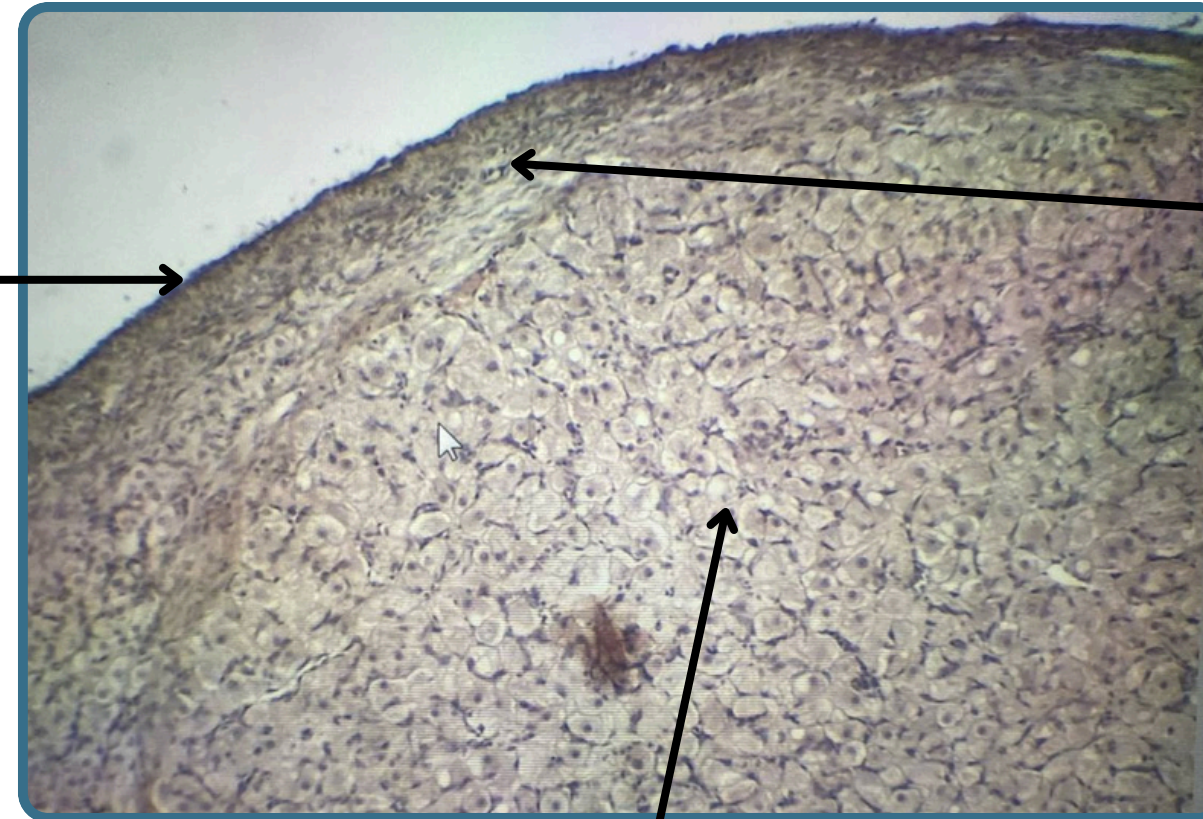


Female Reproductive System



Section In The Ovary

Simple cuboidal epithelium called surface or **germinal epithelium**



connective tissue capsule (**tunica albuginea**)

Cortex

dense connective tissue many follicles

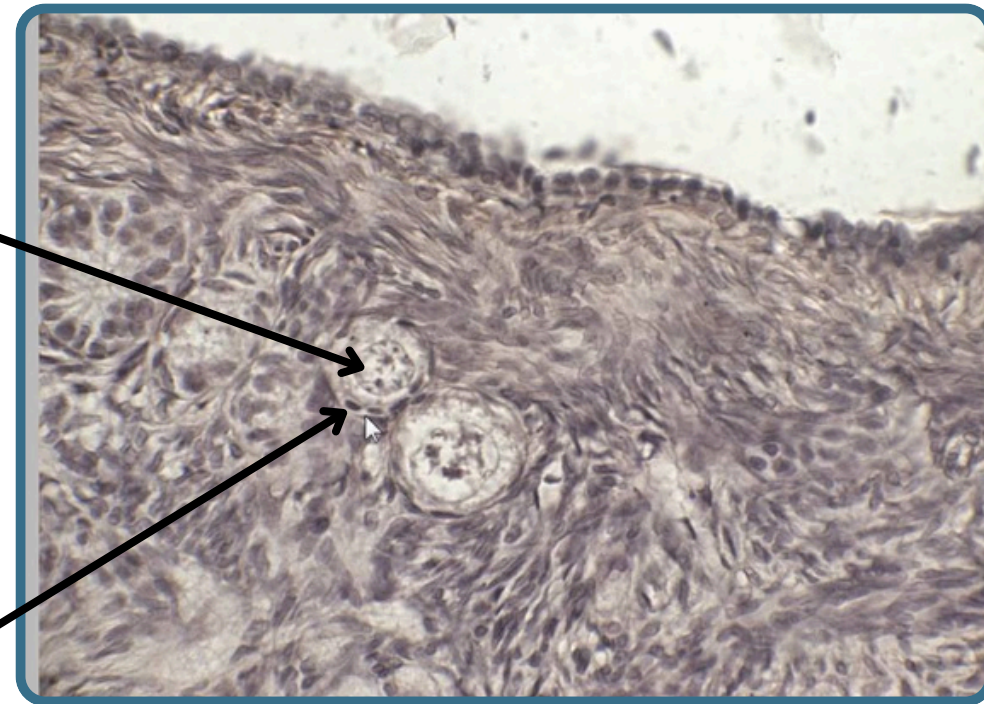


Female Reproductive System



Section In The Ovary

primary oocyte
with nucleus

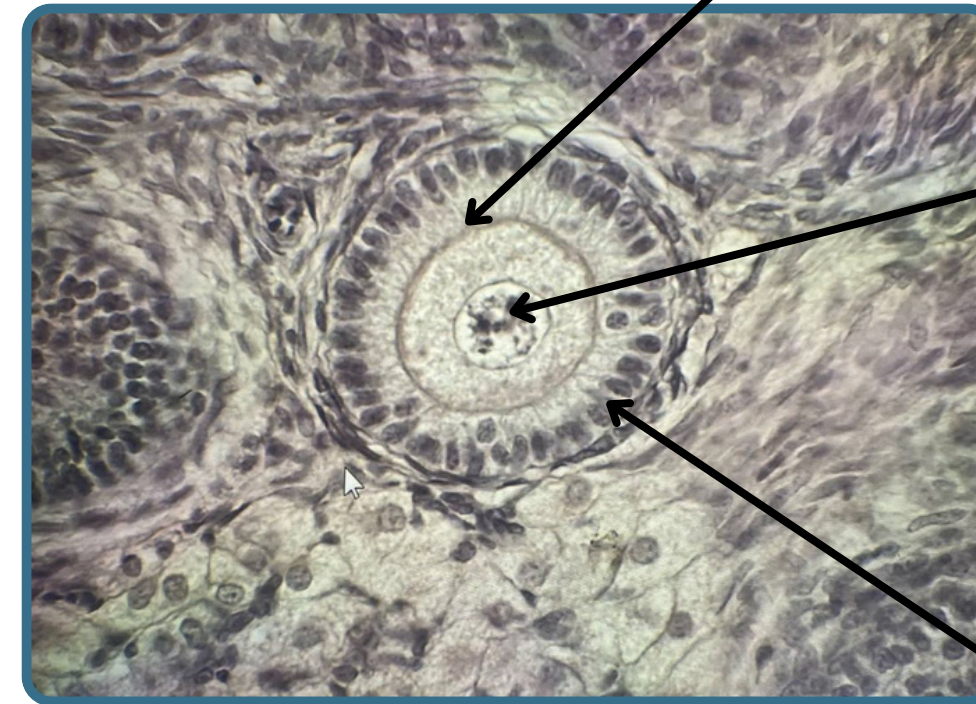


Primordial Follicle

Formed During Fetal Life

flattened
follicular cells

Zona pellucida



Unilaminar Primary Follicle

Forms At Puberty

primary oocyte
with nucleus

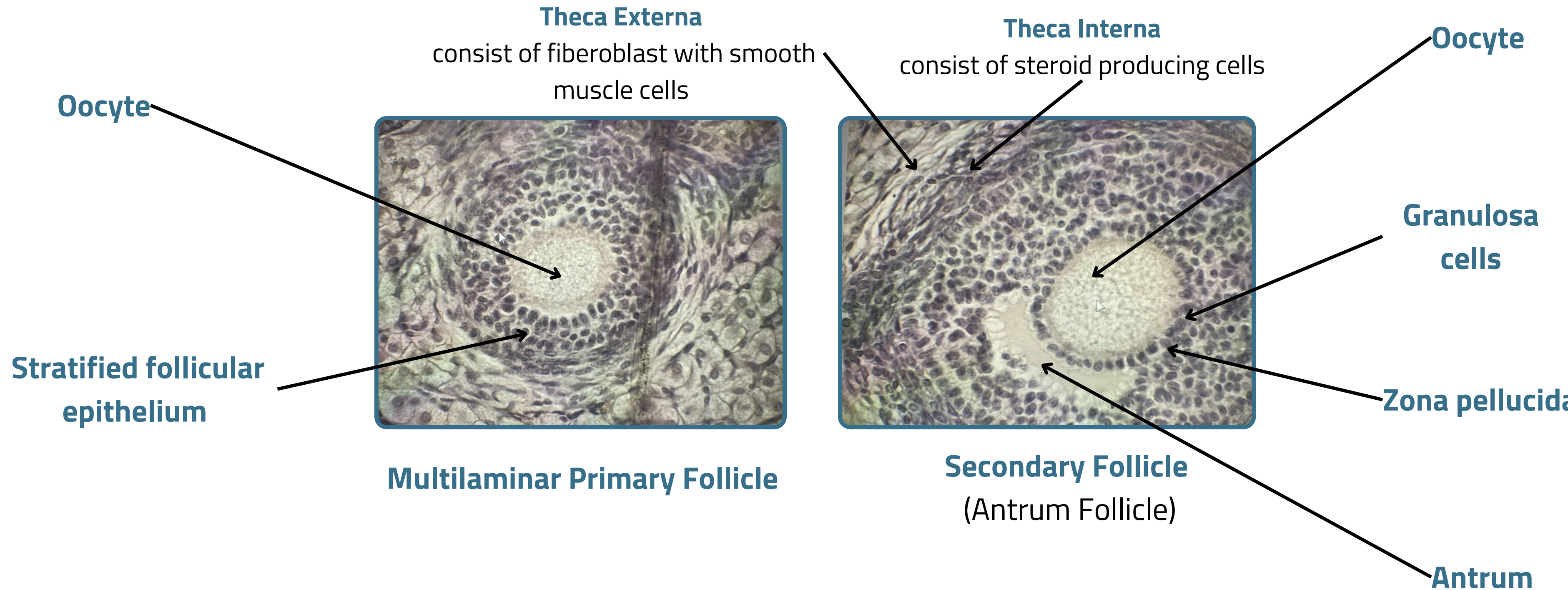
Simple cuboidal
follicular cells



Female Reproductive System



Section In The Ovary

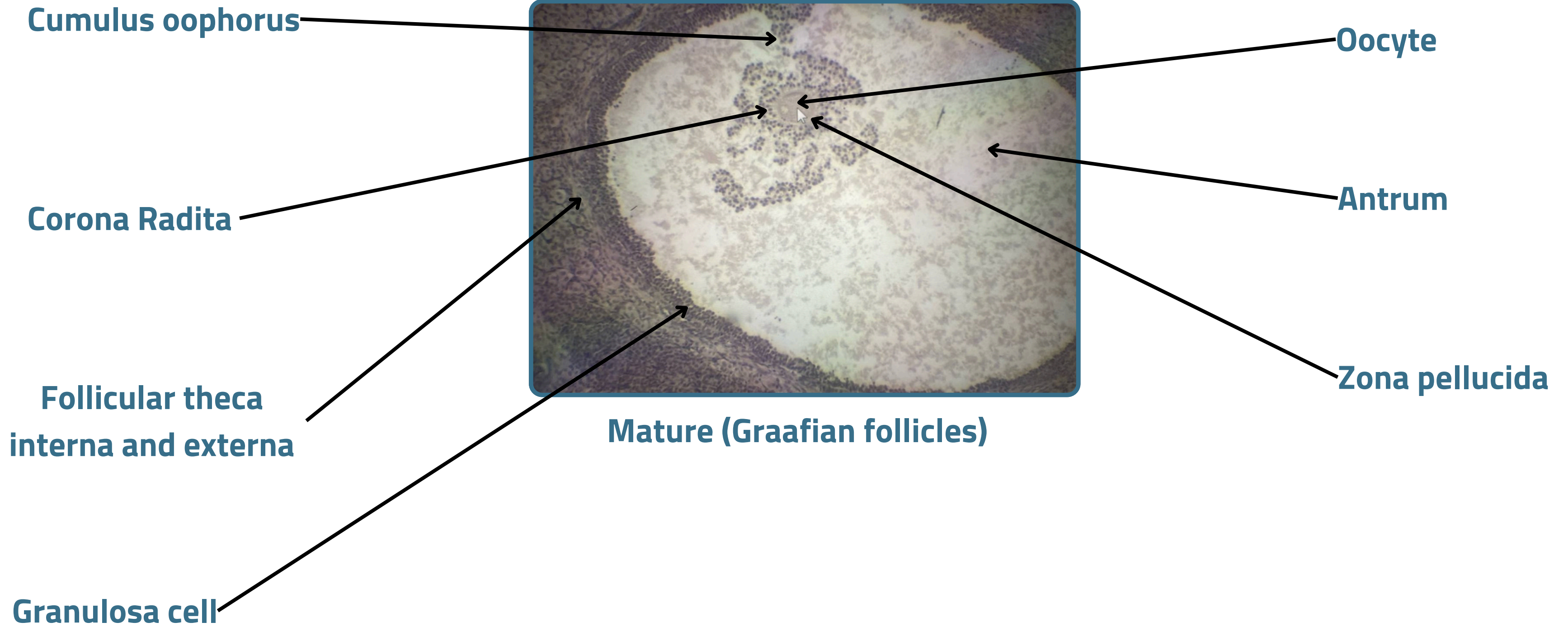




Female Reproductive System



Section In The Ovary





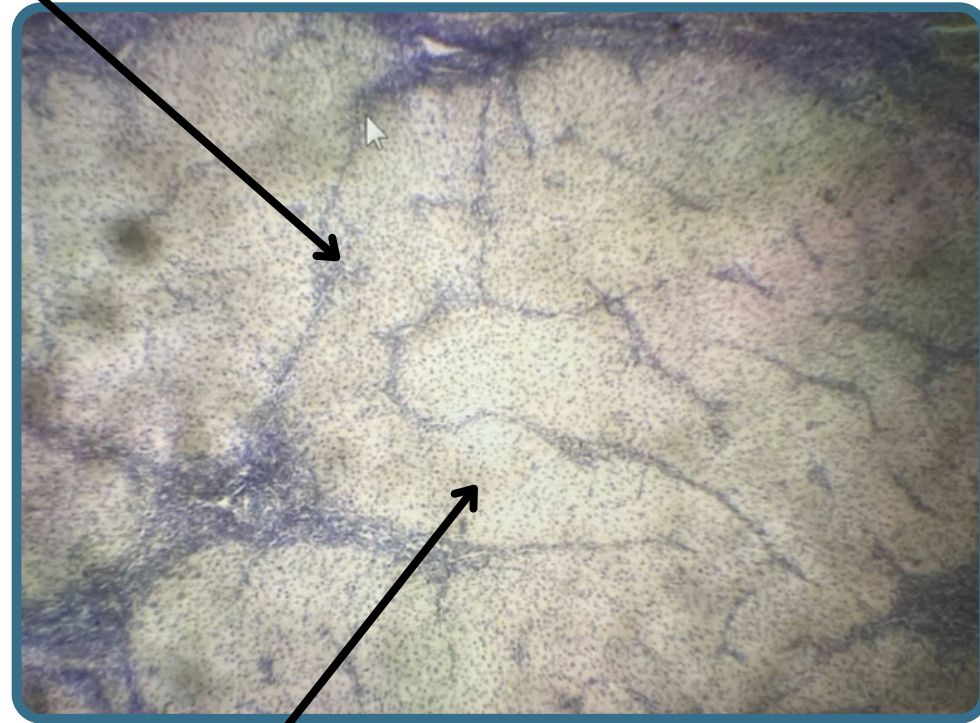
Female Reproductive System



Section In The Ovary

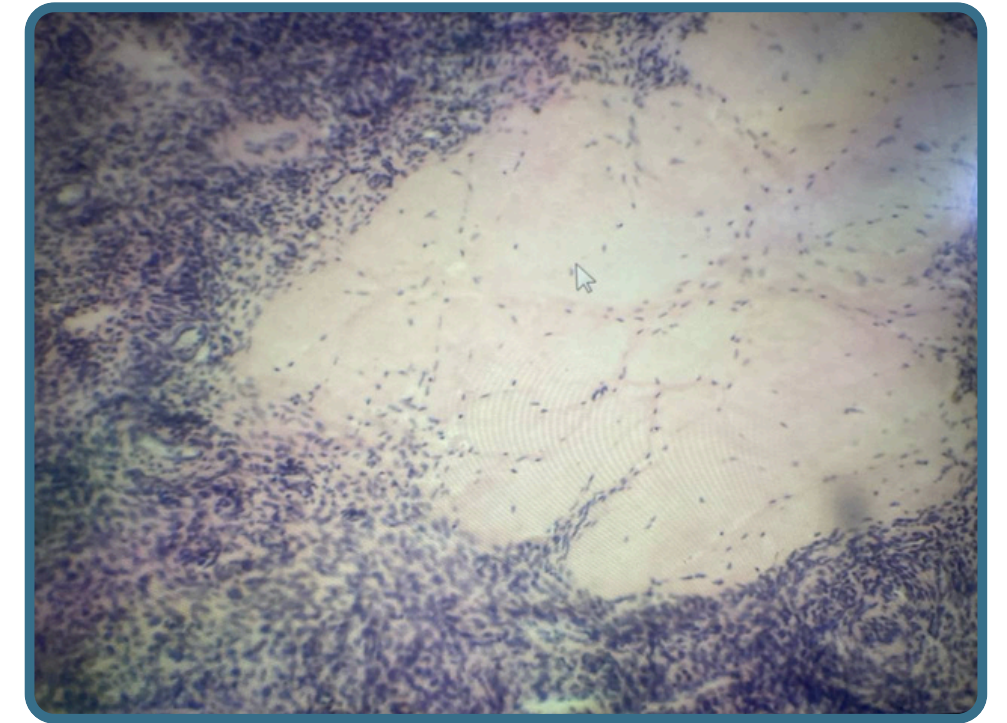
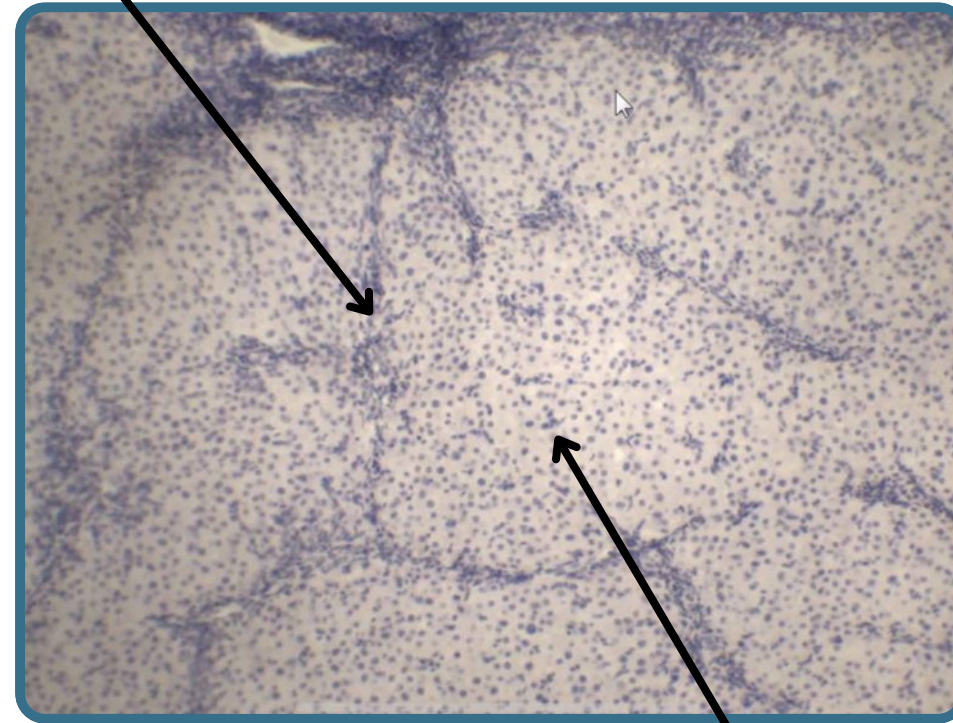
Theca Lutein Cells

darkly stained



Theca Lutein Cells

darkly stained



Granulosa lutein cells

lightly stained

Corpus Luteum

Made by remains of the follicle after ovulation
under the influence of LH

Granulosa lutein cells

lightly stained

Corpus Albicans



Female Reproductive System



Section In The Oviduct

Mesosalpinx

Mucosa

Muscularis

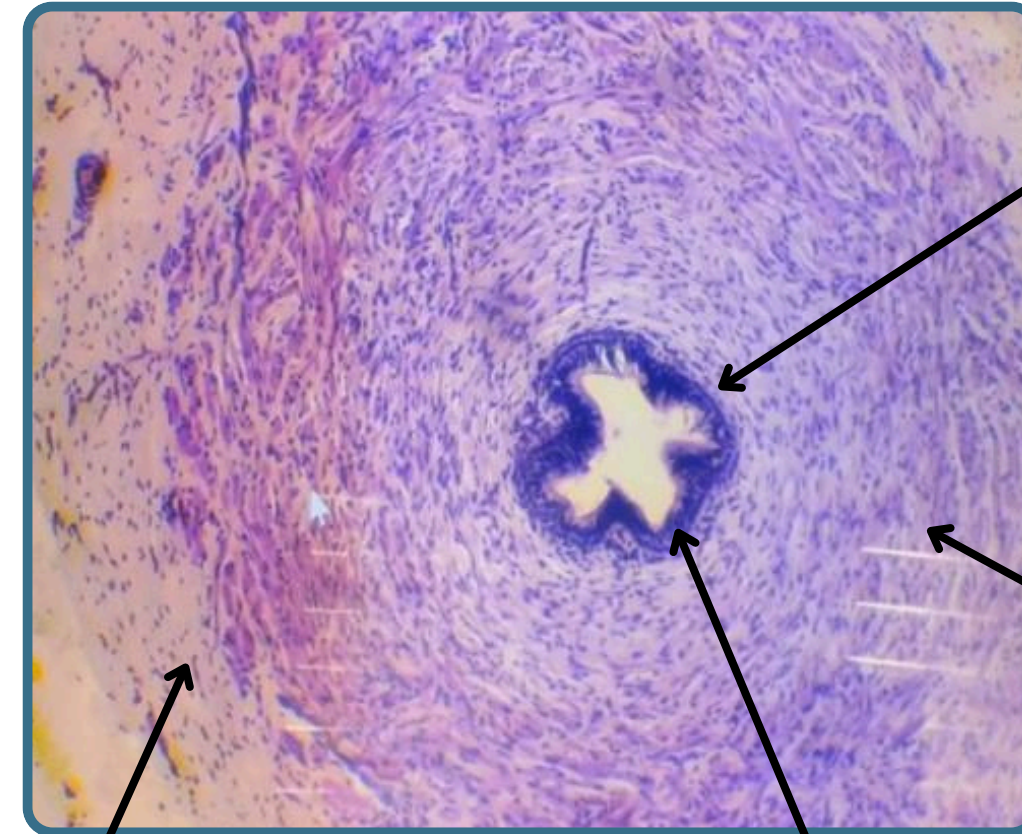
Serosa



Serosa

Lamina Propria

Muscularis



Epithelium is simple cuboidal with two types of cells ciliated and secretory pegcells

All Slides Are Stained By Hematoxylin and Eosin

THANK YOU

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