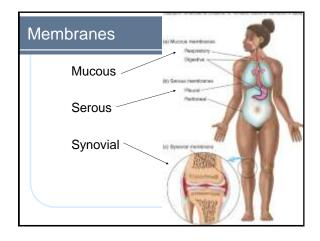
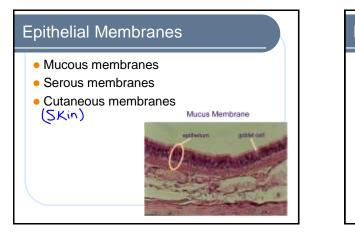
Membranes

- Thin sheet/layer of tissue covering a structure or lining a cavity
- Types:
 - Epithelial
 - Connective





Mucous Membranes

Structure:

- various types of epithelia resting on a thick layer of connective tissue
- Mucous glands secrete mucus
- Locations:
 - line cavities that opening to outside of body
 - digestive, respiratory, excretory, reproductive tracts

Mucous Membranes

• Functions:

- Protection oral cavity (stratified squamous epithelium)
- Absorption intestine (simple columnar epithelium)
- Secretion mucus and digestive enzymes in intestine (simple columnar epithelium)

Serous Membranes

Structure:

- simple squamous epithelium resting on delicate layer of areolar connective tissue
- Mucous glands secrete serous fluid onto membrane surface
- Locations:
 - line trunk cavities
 - cover organs

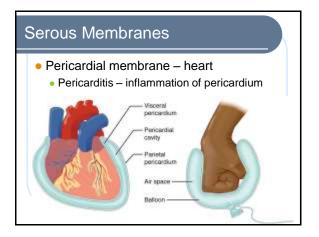
Serous Membranes

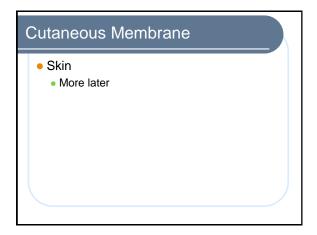
• Function:

 prevent damage from abrasion between organs in thoracic and abdominopelvic cavities

Serous Membranes

- Pleural membranes lungs
 - Pleurisy inflammation of pleural membranes
- Peritoneal membrane abdominopelvic
 - Peritonitis inflammation of peritoneum





Connective Tissue Membranes Synovial Membranes • Meninges

