

Unit 34:

Retroperitoneum and posterior abdominal wall

GENERAL OBJECTIVES:

- general considerations of the organization of the posterior abdominal wall (muscles & fascia)
- vessels and nerves in retroperitoneum
- review of the anatomy of upper urinary system

SPECIFIC OBJECTIVES:

1. Posterior Abdominal Wall

Lumbar Vertebrae & Intervertebral Discs (see Back)

Fascia Lumbar - Anterior, Middle & Posterior Layers
Fascia Iliaca & Fascia Psoas

Muscles Psoas Major, Psoas Minor
Quadratus Lumborum

Nerves Iliacus

Nerves Subcostal

Lumbar Plexus (Ventral Rami of L:1,2,3 & 4)
Femoral & Obturator Nerves. Other Branches
Lumbosacral Trunk (from Ventral Rami L:4 & 5)

Vessels Subcostal, Lumbar Arteries (-> branches to Spinal Cord)
Subcostal, Lumbar and Ascending Lumbar veins

2. Urinary System

Kidneys

Position, Key Relations (of Right & of Left)

Parts: Poles, Surfaces, Borders, Hilus (& Sinus) Contents

Renal Fascia & Perinephric Fat

Structure -> Capsule, Cortex & Medulla, Pelvis & Calyces

Arteries & Veins, Vascular Segments, Lymphatics & Nerves

Ureters (Abdominal Part)

Origin & Course, Key Relations (of Right & of Left)

Constrictions (of Lumen). Vessels & Nerves

Suprarenal Glands

Position, Shape, Key Relations, (of Right & of Left), Structure (Cortex and Medulla)

Vessels & Nerves