

Median or Middle Sacral

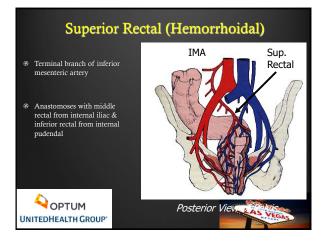
From post wall aorta

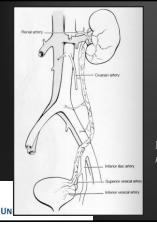
ОРТИМ

UNITEDHEALTH GROUP

- ✤ Anterior surface of sacrum
- Anastomoses with lumbars from aorta & iliolumbar & lateral sacral from post division of internal iliac

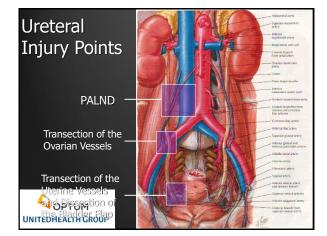






Above pelvic brim: ureter *lateral* to blood vessels

Below pelvic brim: ureter *medial* to blood vessels

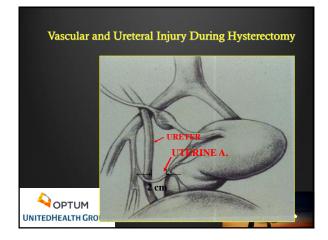


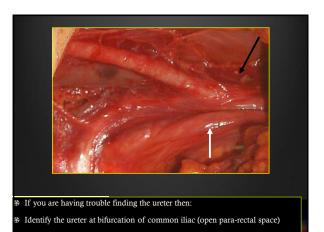
Location of ureteral injuries

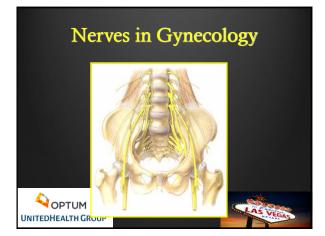
- During hysterectomy
 - Infundibulopelvic ligament
 - Uterine artery
 - Vaginal angle
- Uterosacral ligament suspension



The Osler Institute





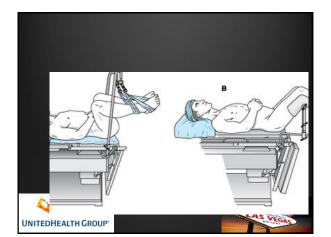


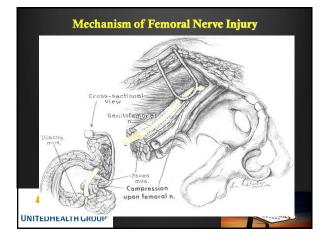
Femoral Nerve

🏶 L2, L3, L4

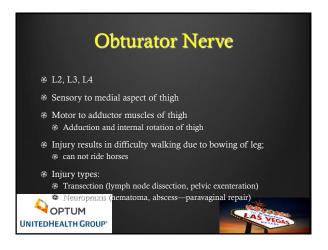
- ❀ Sensory nerves to anterior, medial thigh
- ❀ Motor to quadriceps muscles
- \circledast Flexion of thigh, extension of knee
- Injury results in an inability to raise leg or walk, sensory loss anterior, medial thigh
- Injury types:
 Neuropraxis (most common)
 Transaction (tare)

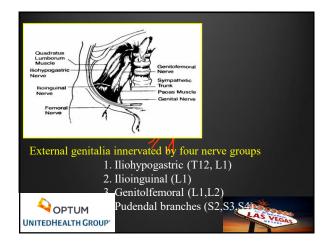






The Osler Institute





Pelvic Visceral Autonomic Innervations

•Superior Hypogastric Plexus (presacral nerve) •Inferior Hypogastric (Pelvic) Plexus

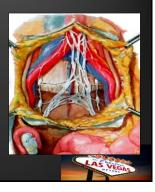
Superior Hypogastric (Presacral) Plexus

- Extension of aortic plexus below bifurcation
- Pre & post ganglionic sympathetic fibers

(T10 - L4 segments)

- Pain fibers from uterus (T10 − L4)
- Splits into the hypogastric nerves
- Presacral neurectomy





Inferior Hypogastric Plexus

*Visceral efferent & afferent nerves *Parasympathetic components predominate *Travels with branches of internal iliac vessels

Bladder dysfunction with radical

💊 ортим

UNITEDHEALTH GROUP

OPTUM UNITEDHEALTH GROUP

