

GENERAL LAPAROSCOPIC UROLOGY OBJECTIVES

MEDICAL EXPERT

Basic Science Knowledge Understanding physiologic changes induced with pneumoperitonium
Alternatives to CO2 pneumoperitonium

Clinical Knowledge Indications for laparoscopic procedure
Contra-indications
Understand the distinction between, accepted standard of care, emerging standard of care and evaluational procedures
Understanding of the surgical boundaries and anatomy of specific laparoscopic procedures
Patient history – identify factors that influence surgical decisions as they relate to laparoscopic procedures i.e. Cardiac function, prior surgery, DVT
Physical Exam – directed physical exam that influences surgical decision as they relate to laparoscopic procedures
The resident should demonstrate appropriate integration of available medical information so as to be able to formulate a recommendation of the suitability of a particular laparoscopic procedure for a specific patient with a specific disease process

Recognition and Management of Emergencies Intra-operative
Bleeding
Bowel injury
Hypercapnea
CO2 embolus
Indications for open surgical conversion
Post-operative
Understand presentation of delay post-operative bowel injury
Post-operative bleed

Technical and Procedural Skills Understanding of required laparoscopic equipment
The resident shall acquire the skill set to perform a laparoscopic radical nephrectomy
The resident should be able to perform simple laparoscopic suturing
Understand the principles of management of intra-operative hemorrhage
