

GENERAL LAPAROSCOPIC UROLOGY OBJECTIVES

MEDICAL EXPERT

<i>Basic Science Knowledge</i>	Understanding physiologic changes induced with pneumoperitonium Alternatives to CO2 pneumoperitonium
<i>Clinical Knowledge</i>	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
<i>Recognition and Management of Emergencies</i>	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
<i>Technical and Procedural Skills</i>	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
