

ONCOLOGY 3 RENAL TUMORS

PGY 3 OBJECTIVES

MEDICAL EXPERT

<i>Basic Science Knowledge</i>	Be able to classify renal tumors (benign and malignant) Able to outline the epidemiology of benign and malignant renal tumors
<i>Clinical Knowledge</i>	Able to describe the clinical presentation, symptoms and signs of a patient with renal cell carcinoma (RCC) Able to outline the TNM classification for RCC Able to outline the steps in staging and diagnosing the patient with a renal tumor Able to describe the treatment of localized RCC Able to outline the treatment of locally advanced and metastatic RCC
<i>Recognition and Management of Emergencies</i>	Able to outline the operative steps for gaining control of an acute intra-operative hemorrhage during radical nephrectomy for RCC Able to outline the appropriate steps for managing the hypotensive patient that is status post-nephrectomy Able to appropriately manage acute intra-operative hemorrhage occurring during radical nephrectomy for RCC
<i>Technical and Procedural Skills</i>	Able to close a flank, anterior abdominal and thoraco-abdominal incision used for radical nephrectomy Able to act as the primary assistant for a surgeon doing an open radical nephrectomy Able to identify anatomical landmarks during open and laparoscopic radical nephrectomy Able to mobilize bowel and define correct surgical planes during open and laparoscopic radical nephrectomy Able to act as camera-operator for surgeon doing laparoscopic nephrectomy
<i>Specific Clinical Expectations</i>	Expected to attend four ambulatory clinics with Dr. Hobart, Estey or Dr. Evans Expected to begin acquiring the skills for laparoscopic suturing using the dry lab station at the RAH/Hys Urology site. Expected to review the interactive CD on renal cell cancer pathology.

ONCOLOGY 3 RENAL TUMORS
PGY 4 AND PGY 5 OBJECTIVES

MEDICAL EXPERT

Basic Science Knowledge Same objectives as PGY 3 plus:

Have an understanding of familial renal cell carcinoma (RCC) and the molecular genetics of RCC
Able to outline the concepts of tumor biology and its clinical implications as it relates to RCC

Clinical Knowledge Same objectives as PGY 3

Recognition and Management of Emergencies Able to appropriately manage acute intra-operative hemorrhage occurring during radical nephrectomy for RCC
Able to outline the operative steps required to gain control of an acute intra-operative hemorrhage occurring during laparoscopic radical nephrectomy

Technical and Procedural Skills Able to perform open radical nephrectomy
Able to perform open radical nephro-ureterectomy for the treatment of transitional carcinoma of the upper urinary tract
Able to mobilize bowel, enter correct anatomical planes and begin to acquire the skills for hilar dissection during laparoscopic radical nephrectomy

Specific Clinical Expectations Expected to attend two ambulatory clinics with Dr. Hobart, Estey, or Evans.
Expected to be able to perform laparoscopic suturing and knot tying on the dry lab at the RAH/Hys Urology site.
Expected to review the interactive CD on renal cell cancer pathology.
