1. Upper Tract Obstruction
   a. UPJ obstruction
      i. Dx and management
   b. Retroperitoneal Fibrosis
      i. Dx, management- surgical and medical
   c. Ureteral strictures and fistulas post endoscopy
      i. Dx and management
   d. Complications of long term indwelling ureteral stents
2. Renal and Ureteral Calculi
   a. Dx- including metabolic evaluation
   b. Rx
      i. All forms, SWL, PCN, ureteroscopy, etc
         ii. Medical therapy for underlying metabolic abnormalities
   c. Recommended follow-up following stone extraction
3. Complications of PCN, ECSWL, Laparoscopy and Robotics
   a. Ureteral stricture post ureteroscopy Dx and Rx
   b. Ureteral perforation: Dx and Rx
   c. PCN complications
      i. Bleed
      ii. Bowel perforation
      iii. Urinoma
   d. ECSWL- complications
   e. Robotic complications
      i. Diminished blood flow
      ii. Reduced urine output
      iii. Air embolism
      iv. Complications of trocar placement