

## ***I. Introduction***

## ***II. Principles of abdominal and pelvic surgery***

## ***III. Abdominal and Pelvic Anatomy***

## ***IV. Vulvar/Vaginal Cancer***

- 1. Preoperative evaluation*
- 2. Vulvectomy and sentinel node mapping*
- 3. Groin lymphadenectomy*
- 4. Vaginectomy*
- 5. Management of surgical complications*

## ***V. Cervical Cancer***

- 1. Preoperative evaluation*
- 2. Indications for surgery for early- and locally advanced disease*
- 3. Conservative surgery*
- 4. Radical hysterectomy*
- 5. Sentinel node mapping*
- 6. Surgical staging for treatment planning*
- 7. Management of surgical complications*

## ***VI. Endometrial Cancer***

- 1. Preoperative evaluation*
- 2. Indications for sentinel node mapping and lymphadenectomy*
- 3. Technique of standard hysterectomy and lymphadenectomy*

## ***VII. Ovarian Cancer***

- 1. Preoperative evaluation*
- 2. Indications for laparoscopic assessment for cytoreduction*
- 3. Radical upper abdominal surgery (liver, diaphragm, spleen)*
- 4. Radical pelvic surgery*
- 5. Complications and management of radical cytoreduction*

## ***VIII. Pelvic Exenteration***

- 1. Preoperative evaluation*
- 2. Removal of specimen (would refer to other chapters for bowel surgery, creation of urinary conduit, and reconstruction)*
- 3. Complications of exenteration*

### **IX. Surgery on the Intestinal Tract**

1. Principles (*vascularity, tension free, hand sewn vs stapled, etc*)
2. Small bowel resection/anastomosis
3. Large bowel resection/anastomosis
4. Creation of a stomae
5. Complications and management of complications

### **X. Surgery on the Urinary Tract**

1. Principles
2. Repair of cystotomy
3. Reimplantation of ureter
4. Creation of neobladders (*incontinent pouches, continent pouches, etc*)
5. Complications and management

### **XI. Pelvic Reconstructive Procedures**

1. Rectus abdominus flap
2. Gracilis flap
3. Continent and incontinent urinary diversion

### **XII. Management of General Complications**

1. GI injuries
2. GU injuries
3. Vascular injuries

### **XIII. Management of Radiation Complications**

1. Radiation-related bowel obstruction
2. Fistulae
3. Radiation necrosis

### **XIV. Novel Surgery in Gynecologic Oncology**

1. Image-guided surgery
2. Single-site minimally invasive surgery
3. Robotic surgery