

Anatomy and surgical dissection of the female pelvis for the gynecologic surgeon.

Reproductive physiology for the gynecological surgeon.

Energy based surgical devices.

Principles of laparoscopic surgery.

Principles of microprocessor-assisted laparoscopic ("robotic") surgery.

Principles of laparotomic and vaginal surgery.

Principles of hysteroscopic surgery.

Imaging for the gynecologic surgeon.

Preservation of fertility in gynecologic surgery: Strategies and techniques.

Complications of surgery of the female reproductive tract.

Congenital anomalies of the female reproductive tract.

Ectopic pregnancy.

Endometrial polyps.

Adenomyosis: Uterus sparing treatment.

Endometriosis: General principles.

Uterine leiomyomas.

Pathogenesis of pelvic floor disorders.

Pelvic infections and their sequelae.

Fallopian tube disorders.

Postoperative adhesions.

Pathogenesis, pathology, and clinical significance of intrauterine adhesions.

Malignancy.

Chronic pelvic pain.

Abnormal uterine bleeding.

The adnexal mass.

Diagnosis, investigation, and nonsurgical management of pelvic organ prolapse and urinary incontinence.

Infertility: Mechanisms and investigation.

Recurrent pregnancy loss: A new strategy for evaluation based on genetic testing.

Surgery for congenital anomalies: Hysteroscopic, laparoscopic, laparotomic, and vaginal.

Surgery for vulvar disorders.

Endometrial sampling and uterine curettage.

Management of endometrial polyps.

Endometrial ablation.

Surgery for intrauterine adhesions.

Leiomyomas I: Hysteroscopic and other transvaginal approaches.

Leiomyomas II: Abdominal approaches.

Leiomyoma III: Image guided surgery and procedures.

Hysterectomy.

Reconstructive surgery of the fallopian tube.

Ectopic pregnancy: Surgical management.

Ovarian surgery.

Endometriosis I: Surgery for endometriosis associated with pain.

Endometriosis II: Surgical treatment of endometriosis associated with infertility.

Endometriosis III: Deep infiltrating endometriosis.

Procedures specific for chronic pelvic pain.

Surgical treatment of urinary incontinence.

Management of pelvic organ prolapse.

Surgery during intrauterine pregnancy.

Preservation of fertility in malignancy.

Oocyte and embryo cryopreservation for fertility preservation.