

Section 1: GENERAL PRINCIPLES OF COLORECTAL SURGERY.

Anatomy.

Physiology.

Process Delivery in Colorectal Surgical Practice.

Perioperative Care.

Surgical Principles: Bowel Anastomosis, Wound Management, and Surveillance.

Sexual Dysfunction.

Persistent Perineal Sinus.

Stomas.

Section 2: PROCTOLOGY.

Anal fissure.

Anorectal Abscess and Fistula.

Haemorrhoidal Disease.

Hidradenitis Suppurativa.

Pilonidal Sinus.

Pruritus Ani.

Rectovaginal Fistula.

Section 3: FUNCTIONAL DISORDERS.

Specialist investigation of anorectal and colonic functions.

Chronic constipation.

Idiopathic megacolon and megarectum.

Irritable bowel syndrome.

Rectal prolapse & associated pelvic organ prolapse syndromes.

Faecal incontinence.

Chronic perineal pain.

Section 4: NEOPLASTIC DISEASE.

Molecular biology in Colorectal adenoma and adenocarcinoma.

Clinical features of Colorectal adenoma and adenocarcinoma.

Pathology and staging of Colorectal adenoma and adenocarcinoma.

Screening of colorectal adenoma and adenocarcinoma.

Endoscopy and management of colorectal polyps.

Ultrasound in Colorectal cancer.

Magnetic resonance imaging and CT scanning in colorectal cancer.

Nuclear medicine and PET in colorectal cancer.

Surgical management of colon cancer.

Transanal excision of rectal adenoma and rectal carcinoma.

Radical sphincter-sparing resection in rectal cancer.

Transanal Total Mesorectal Excision in rectal cancer (TaTME).

Abdomino-perineal excision for rectal cancer.

Management of Locally advanced and recurrent rectal cancer.

Adjuvant therapy of colon cancer.

(Neo-) adjuvant radiotherapy in rectal cancer.

Organ Preservation in rectal cancer.

Treatment of metastatic disease.

Follow-up and postoperative sequelae in colorectal cancer.

Hereditary colorectal cancer.

Treatment of Anal Cancer.

GIST of the lower Gastro Intestinal tract.

Pre-sacral tumours.

Other tumours of the colon and rectum.

SECTION 5 DIVERTICULAR DISEASE.

Epidemiology, Pathophysiology, Diagnosis and Treatment.

Uncomplicated diverticulitis.

Complicated Diverticulitis excluding perforation.

Perforated diverticulitis.

Right sided diverticulitis and special situations.

Surgical techniques.

SECTION 6 INFLAMMATORY BOWEL DISEASE. IBD.

Modern insights in the aetiology of Inflammatory Bowel Disease.

Incidence, prevalence and trends in IBD.

Diagnosis of IBD.

Imaging in IBD .

Medical treatment of IBD.

European registries and outcome in IBD.

Cancer in IBD.

Crohn's Disease.

Upper GI Crohn's Disease.

Small bowel Crohn's disease.

Large bowel and anorectal Crohn's disease.

Perianal Crohn's disease.

Ano/rectovaginal fistula in Crohn's disease.

Ulcerative Colitis.

Emergency colectomy in acute colitis.

Restorative proctocolectomy in colitis.

Ileo-rectal anastomosis & alternative strategies in colitis.

Pouch dysfunction in colitis.

Continent ileostomy in colitis.

SECTION 7 MANAGEMENT OF ACUTE COLORECTAL DISEASE.

Evaluation of the patient with large bowel obstruction.

Malignant Large Bowel Obstruction.

Non-Malignant Large Bowel Obstruction.

Functional Non-Malignant Large Bowel Obstruction.

Trauma to the Colon, Rectum, Anus and Perineum.

Bleeding from the colon and rectum.

Management of acute intestinal ischaemia.

Peritonitis (General Considerations).

Management of Toxic colitis.

Stoma management in the Acute Abdomen.

Anorectal conditions requiring urgent or emergency intervention.

SECTION 8 MISCELLANEOUS TOPICS IN COLORECTAL DISEASE.

Intestinal failure.

Endometriosis. Urology in colorectal surgery.

Gynecological considerations and Urogenital fistulas.

Pediatric Surgery – what the adult surgeon needs to know.

Sexually transmitted diseases.

Radiation injury.

Tropical colorectal surgery.