

SYSTEMIC SURGERY (PART – II)

1. Abdominal disease – introduction
 - Basic anatomy
 - Clinical examination
2. Abdominal wall and the Hernia
 - General features of hernia
 - Inguinal hernia
 - Femoral hernia
 - Umbilical hernia
 - Epigastric hernia
 - Incisional hernia
 - Abdominal wall tumours
 - Swellings and discharges from umbilicus
3. Surgical Jaundice
 - Physiology of bilirubin metabolism
 - Classification of jaundice
 - Investigations
 - Obstructive jaundice
 - Classification
 - Patho-physiology
 - Investigations
 - Treatment
4. Diseases of the Gall bladder and bile ducts
 - Anatomy and physiology
 - Cholelithiasis
 - Acute cholecystitis
 - Chronic cholecystitis
 - Cholecystectomy
 - Tumours of gall bladder and bile ducts
5. Diseases of the Pancreas
 - Anatomy and physiology
 - Acute pancreatitis
 - Chronic pancreatitis
 - Pseudopancreatic cyst
 - Carcinoma of pancreas
 - Endocrine tumours of pancreas
6. Diseases of the liver
 - Anatomy and physiology
 - Investigations
 - Trauma
 - Infections
 - Cirrhosis
 - Tumours
 - Differential diagnosis of hepatomegaly
7. Diseases of the Stomach
 - Anatomy and physiology
 - Investigations
 - Congenital hypertrophic stenosis
 - Chronic peptic ulcer
 - Pyloric stenosis
 - Acute complications of peptic ulcer
 - Perforation
 - Haemorrhage
 - Tumours of stomach
 - Volvulus, trichobezoar, foreign body
 - PO complications of gastric surgery
 - Gastro Jejunostomy
8. Diseases of the Intestines
 - Anatomy and physiology
 - Megacolon
 - Ulcerative colitis
 - Crohn's disease
 - Tuberculosis
 - Typhoid
 - Tumours
 - Colostomy
9. Intestinal obstruction
 - General principles – causes, pathology, clinical features, investigations and treatment
10. Specific diseases causing intestinal obstruction
11. Diseases of the Anus and rectum
 - Anatomy

- Prolapse
 - Fissure in ano
 - Perianal abscess
 - Fistula in ano
 - Pilonidal sinus
 - Piles
 - Tumours
12. Diseases of the Appendix
- Anatomy
 - Acute appendicitis
 - Appendicular mass
 - Tumours
13. Diseases of the peritoneum and retroperitoneal tumours
- Acute peritonitis
 - Tuberculous peritonitis
 - Peritoneal abscess
 - Ascites
 - Mesenteric swellings
 - Retroperitoneal masses
14. Diseases of the Spleen
- Anatomy and physiology
 - Rupture
 - Spherocytosis
 - Thrombocytopaenia
 - Splenomegaly – differential diagnosis
 - Splenectomy
15. Clinical presentation and investigations of urinary tract
- Anatomy
 - Symptoms of urinary tract
 - Investigations
 - Renal failure
16. Diseases of the Kidney
- Congenital diseases
 - Injuries
 - Hydronephrosis
 - Calculi
 - Infections and perinephric abscess
 - Neoplasms
17. Diseases of the bladder
- Anatomy
 - Rupture
 - Retention
 - Incontinence
 - Calculi
 - Neoplasms
18. Diseases of the Prostate
- Anatomy
 - Benign prostatic hypertrophy
 - Carcinoma
 - Infections
19. Diseases of the Penis, urethra
- Injuries
 - Infections
 - Stricture
 - Phimosis
 - Carcinoma of penis
20. Diseases of the Scrotum and testis
- Development and descent
 - Undescended testis
 - Varicocele
 - Hydrocele
 - Torsion
 - Tumours
 - Differential diagnosis of scrotal swellings
21. Preoperative preparation and principles of anaesthesia
22. Surgical procedures
23. Diagnostic radiology