

## **Syllabus for Central Nervous System.**

**Dr. Carmen Pereira.**

### **Neurological Disorders.**

1. Approach to the patient with neurological disease.
2. Cerebro vascular diseases.
3. Seizure and Epilepsy.
4. Acute and Chronic Meningitis.
5. Alzheimer's disease and other dementias.
6. Parkinson's disease and other extrapyramidal diseases.
7. Amyotrophic lateral sclerosis and other motor neuron diseases.
8. Trigeminal neuralgia, Bell's palsy and other cranial nerve disorders.
9. Diseases of spinal cord.
10. Multiple sclerosis.
11. Guillian – Barre syndrome and other peripheral neuropathesis.
12. Myasthenia gravis.
13. Neurological disorders in HIV.
14. Encephalitis.
15. Polymyositis and Dermatomyositis.
16. Myopathies.
17. Seminar on Myopathies or Peripheral Neuropathy.
18. Test.

All the chapters may not be taken.

After giving the syllabus to the students, the most important topics may be discussed in the lectures allotted.

## **Syllabus for Central Nervous System.**

**Dr. Viraj Khandeparkar.**

### **Disorders Of Gastro-Intestinal System**

1. Approach to the patient with gastrointestinal disease.
2. Peptic ulcer disease and other related disorders.
3. Disorders of absorption.
4. Inflammatory bowel disease.
5. Irritable bowel syndrome.
6. Acute and chronic Hepatitis.
7. Cirrhosis and its complications.
8. Alcoholic liver disease.
9. Diseases of Gall bladder and bile ducts.
10. Acute and chronic pancreatitis.
11. Abdominal tuberculosis.
12. Seminar on how to approach a case of hepatosplenomegaly.
13. Test.

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## **Syllabus for Introduction.**

**Dr. Sunanda Amonkar.**

1. Pain : Pathophysiology, clinical types, assessment and management.
2. Fever : Pathophysiology of heat regulation, its disturbances, clinical types, clinical assessment and management.
3. Cough, expectoration and hemoptysis.
4. Dyspnoea, tachypnoea and hemoptysis.
5. Edema and Anasarca.
6. Shock and cardiovascular collapse.
7. Anorexia, nausea and vomiting.
8. Constipation and diarrhea.
9. Hematemesis, malena and hematochezia.
10. Jaundice and hepatomegaly.
11. Abdominal swelling and ascites.
12. Weight loss and weight gain.
13. Fainting, syncope and seizures; headache, dizziness and vertigo.
14. Paralysis, movement disorders and disorders of gait.
15. Pallor and bleeding.
16. Enlargement of lymph nodes and spleen.
17. Test.

After giving the syllabus to the students, the most important topics may be discussed in the lectures allotted.

## **Syllabus for Nephrology.**

### **Dr. Raghoba Gaonkar.**

1. Urine routine and interpretation of normal and abnormal urine.
2. Nephritic syndrome.
3. Nephrotic syndrome.
4. Pathophysiology of acute renal failure.
5. Approach to acute renal failure.

### **Dr. Edwin Gomes.**

6. Approach to chronic renal failure.
7. Models of renal replacement therapy.
8. Drugs and renal failure.
9. Urinary tract infections.
10. Seminar on diet in renal failure.
11. Test.

## **Syllabus for Hematology.**

### **Dr. Nicasia Furtado.**

1. Overview of Haemopoiesis & hemopoietic growth factors.
2. Definition, prevalence, etiological factors, pathophysiology, pathology, clinical features, investigations and principles of treatment of Anaemias.
  1. Microcytic anaemia (iron deficiency).
  2. Macrocytic anaemia (megaloblastic anaemia).
  3. Anaemia due to marrow failure (aplastic anaemia).
  4. Hemolytic anaemias.
    1. Inherited - Hereditary spherocytosis.
    2. Thalassaemias.
    3. Sickle cell anaemia.
    4. Acquired – PNH.
  5. Refractory Anaemias.
  6. Agranulocytosis.
  7. Myeloproliferative disorders.
  8. CML.
  9. Polycythemia.

### **Dr. Kedareshwar Narvencar.**

10. Leukemia - Acute & Chronic.
11. Lymphoma – Hodgkin's & non – Hodgkin's.
12. Plasma cell disorders – multiple myeloma.
13. Bleeding disorders & platelet disorders (Thrombocytopenia).
14. ITP / TTP.
15. Factor VIII and coagulation disorders & thrombosis.
16. Hemophilia.
17. Von willebrand's disease.
18. Disseminated intravascular coagulation.
19. DVT.
20. Anticoagulant, fibrinolytic & antiplatelet therapy.
21. Blood groups & transfusion disorders.

## **Syllabus for Endocrinology.**

### **Dr. Rachita Gupta Velho.**

1. Diabetes mellitus.
2. Hypo and hyperthyroidism; Iodine deficiency disorders.
3. Cushing's syndrome and Addison's disease.
4. Pituitary disorders: Acromegaly and Hyperpituitarism.

### **Dr. Savita Graca Pinto Da Silva.**

5. Hypo Pituitarism.
6. Calcium and phosphorus metabolism: parathyroid and metabolic bone disease.
7. Hyperandrogenism and PCOS.
8. Osteoporosis.
9. Seminar on Endocrine Emergencies.
10. Test.