LECTURE SERIES TIMETABLE

2014 - Batch (8TH SEMISTER)
1. Introduction: Applied anatomy and physiology History taking in neurology
2. Investigations
   Predisposing factors. Diagnosis and management
5. S.O.L. (Space Occupying Lesions)
6. Encephalitis and meningitis
7. Epilepsy
8. Cerabellar syndrome
9. Parkinsonism
10. Peripheral neuropathy
11. Muscle disorders in brief
12/13. Spinal cord disorders
14. CSF Formation and absorption Status in various disorders
15. Examination.

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PROFESSOR AND HEAD
DEPARTMENT OF MEDICINE,
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ENDOCRINOLOGY (12 lectures)
1. Introduction: Hormones (concept, types, action, control), Endocrine system (General and control).
3. Pituitary part II: Disorders of posterior pituitary and hypopituitarism, Diabetes incipidus.
4. Thyroid part I: Anatomy and regulation, goiter, hypothyroidism.
5. Thyroid part II: Hyperthyroidism.
6. Adrenal gland part I: Anatomy & regulation, addison’s and cushing’s disease
8. Vitamin D metabolism, Calcium metabolism and its relation to parathyroid gland, management of related parathyroid disorders.
9. Diabetes mellitus part I.
10. Diabetes Mellitus part II.
11. Significance (of FSH, LH, Oestrogen, Progesterone), disorders, diagnosis and management.
12. Multiple endocrine system and Paraneoplastic syndrome.

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8 TH SEMISTER (MORNING SERIES 8-9AM)

CARDIOVASCULAR SYSTEM (12 lectures)
1. Introduction: functions, anatomy, physiology, various terminologies, methods of evaluation (invasive and non-invasive).
2. Arrhythmias (concept, classification), Brady-arrhythmias.
3. Tachy - arrhythmias.
4. Cardiac arrest.
5. Congestive cardiac failure (Types, presentations, pathophysiology and management).
7. Rheumatic fever.
8. Valvular heart diseases.
10. Coronary artery Disease CAD
11. Pericardial diseases.

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RESPIRATORY SYSTEM (12 lectures)
1. Applied anatomy and physiology of respiratory system, Pulmonary function test.
2. Infections of respiratory system - Pneumonias.
3. Chronic bronchitis, emphysema (COPD).
5. Bronchial asthma.
6. Respiratory Malignancies.
8. Pleural diseases, Pneumothorax, Pleural effusion
9. Occupational and restrictive diseases part I
10. Occupational and restrictive diseases part II
11. Fungal and parasitic diseases.
12. Respiratory emergencies and mechanical ventilation.

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8 TH SEMISTER (MORNING SERIES 8-9AM)

NEPHROLOGY + GENETICS (10 Lectures)

NEPHROLOGY (8 Lectures)
1. Anatomy & physiology of urinary system, Renal function test.
2. Acute Glomerulonephropathy.
3. Chronic Glomerulonephropathy
4. Infections of Urinary system
5. Approach to Proteinuria, Hematuria, Renal colic, Nephrotic syndrome.
6. Acute Renal failure.
7. Chronic renal failure

GENETICS (2 Lectures)
10. Genetics part II - (common Genetic disorders, application of genetic engineering in medicine)

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8TH SEMISTER (AFTERNOON SERIES 1-2PM)

COLLAGEN VASCULAR DISORDERS + NUTRITION (14 Lectures)

COLLAGEN VASCULAR DISORDERS (10 Lectures)
1. Allergy concept, hypersensitivity, anaphylaxis.
2. Autoimmunity and autoimmune diseases
3. SLE
4. Anti-phospholipid antibody syndrome, Behcet’s syndrome.
5. Systemic Sclerosis
6. Scleroderma
7. Sjogren syndrome
8. Rheumatoid arthritis
9. Seronegative arthritis
10. Vasculitis syndrome

NUTRITION (4 Lectures)
11. Concept of carbohydrate, fats, proteins, vitamins and minerals.
12. Vitamin deficiency states and PEM
14. Obesity

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