

General Medicine Part-1

CVS

10

Infective Endocarditis + C/f, Investigⁿ & Management

461 Mx of CCF, Acute left heart failure → from R. Notes

- Mx of STElevation AMI → R.B. Notes + Page Notes

- Septic shock* → Mathew

20 - C/f, Investigⁿ, Mx of Acute MI → Notes (R.B.)

- JNC-VII Classification of HTN - P. 54 Math.

- Causes of Irregularly Irregular pulse - Notes

- Atrial fibrillation* Causes, T/t*

- Pulsus paradoxus - R. Notes

- Syncope - Mathew

- Cor pulmonale - 462 + R.B. Notes

8 - aetiology, C/f & Mx, Investigation of Mitral Stenosis R.B. Notes

- β-blockers - Notes R.B.

- Left ventricular failure & T/t

→ MI → complication* - Notes (R.B.) 641

→ Classification of Angina pectoris, T/t of unstable Angina. → Notes R.B.

→ T/t of hypertensive urgency -

→ Aetiology of AR, C/f.

→ Pericardial effusion - Notes (same as pericarditis)

→ C/f of Rheumatic fever, Criteria for diag. → prophylaxis from 4th

→ Cardiogenic shock - from Mathew

→ C/f & Mx of TOF* - 4th

→ T/t of PSVT.

R → Cardiac Tamponade - M. 540

→ Causes of secondary HTN

→ Supraventricular Tachycardia, T/t

→ Types of cardiomyopathy

→ T/t of Ventricular fibrillation, Ventricular Tachycardia

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Notes R.B.

Endocrinology

- 10 → Cause, Pathophysiology, C/f, Mx of Hypothyroidism.
- Mx of Pheochromocytoma*, Investigⁿ - R.B. notes.
- ① Microvascular complications of DM.*
- TIT^{d. diag.} of hypoglycemic coma*, hyperglycemic, hyperosmolar coma
- 10 → C/f, investigation & Mx of Diabetic ketoacidosis**
- ② Diff b/w hypoglycemic coma & hyperglycemic coma 984
- Myxedema - , Myxedema coma - TIT. - P. 812 Mathew
- Acromegaly*, C/f
- ③ SIADH* - R.B. notes
- Hashimoto Thyroiditis - Mathew 813
- 10 → C/f, Investigⁿ, complication & TIT of Diabetes Mellitus
- Thyrotoxicosis, Drug therapy.
- Grave's disease.
- Features of Cushing's syndrome*** - R.B. notes
- Hormones secreted by post. pituitary gland., Ant. pituitary gland.
- Criteria for diag. of Diabetes - R.B.
- Causes & TIT of Addison's disease - R.B.
- ④ Thyroid function test.
- Antidiabetic drugs.
- ⑤ Thyroiditis - R.B. notes.
- ⑥ Vasopressin.
- ⑦ Dawn phenomenon
- ⑧ Anxiety neurosis v/s hyperthyroidism
- ⑨ Metabolic syndrome
- Pheochromocytoma - Mx & investigation.
- Addison's disease → Cause, TIT
- Thyroid function test

Hematology

- Hydroxyurea, Miphenidone, Etoposide
- Flutamide
- Imatinib → Acute promyelocytic leukemia 576

- TIT of CMR
- Aplastic anemia 40X
- complication related to Blood transfusion*
- Autoimmune hemolytic anemia. 559
- C/T, Invest. & Mx of Iron deficiency anemia, * causes
- TIT of Megaloblastic anaemia
- Types of Hodgkin lymphoma.
- Phlebotomy - Indications
- Invest. & Mx of sickle cell anaemia, Genetic defect
- Immune thrombocytopenic purpura (605)
- CH & TIT of AML - ACE (Acute Myeloid Leukemia) Etoposide
- Indication of Blood transfusion.
- Invest. & TIT of Thalassemia, Genetic defect 1108
- C/T & Mx of CMR 576
- Name drug & route of administration of Iron chelation therapy.
- C/T of hemolytic anemia, PBF
- on Megaloblastic anaemia → causes, Patho, Diag & TIT
- TIT of sickle cell crisis.
- Multiple myeloma - C/T & Diag. criteria. 587
- Blood component.
- TIT of anaemia of CRF.
- causes of hemolytic anaemia.

MMR + BCG + Leptospirosis + [Dengue + Malaria]
 IM + Plague + Typhoid + TB

Injectables

- Bacillus - P-768
- Dengue Hemorrhagic fever - Mx. Ghai. P-224
- Leptospirosis, Tlt. - 774
- Tlt of Falciparum Malaria, Vivax Malaria - Notes in Page
- Enteric fever, Diag. - 763
- Invest^{Ghai} in cerebral ^{P-780} malaria, Mx, Define - From Ghai also
- Fungal infection of nails
- Fluoroquinolones Page (Notes)
- Herpes simplex infection
- Clf & Tt of tinea solium - 788
- Clf & Mx of Poliomyelitis - Ghai
- Nosocomial infections
- Virus causing diarrhea
- Diag. of Leishmaniasis - 785
- Lifecycle & Tlt of Roundworms, hookworm infestation - 774 (Ghai)
- Leptos
- feco - orally transmitted disease.
- Infectious Mononucleosis - 747
- Herpes zoster
- Giardiasis - 588 (P) 417
- Causes of fever & rash * Peds Ghai
- Tlt of scabies
- Botulism ✓ Mtnew
- Rabies PSM
- Herpetic encephalitis + Tlt
- Antifungal drugs - Notes (Page)
- CSF Dict. of Fungal meningitis
- Chloroquine - Notes (Page)
- Tlt of Cholera - P 769
- Macrolides; Adverse effect of Aminoglycosides - Notes (Page)
- Investigation of kala azar - 785

Infusion Mononucleosis www.FirstRanker.com

Subit shade 0611 (50)

GIT 207

→ Acute Pancreatitis - Etiology, C/f, complication, Invest, T/t.

→ Pseudomembranous colitis. - P-590 (Mathew).

→ Mx of upper GI bleeding - 569 M (717)

→ Chronic diarrhoea → (Notes) 694

→ Peptic ulcer disease - (Notes), C/f + Mx 707

→ Malabsorption → Mathew - 582 708

→ Rx of ulcerative colitis - Notes 708

→ Haemecemesis, causes, T/t

→ IBD - Notes

→ Whipple disease → Mathew 708

→ PPI → Mathew

→ upper GI bleed causes → Mathew P590

→ Bleeding oesophageal varices. - Notes

→ Irritable bowel syndrome → P-592. (Drugs) (717)

Other topic of GI

→ causes of chronic diarrhoea* - 565 (M) 197

→ food poisoning - P-565 (M)

→ causes of chronic blood loss & mucus in stool 567 (M) 182

→ Plummer Vinson syndrome. P-571 (M) 196

→ Zollinger ellison syndrome. P-579 (M) 819

→ Coeliac disease - P-584 (M) (Notes)

→ Lactose intolerance - 587 (M) 717 → B-galactosidase

→ Giardiasis - 588 (715) → Nitazoxanide

→ Acute Pancreatitis → 604 807

→ GERD - 571

→ oesophagitis → 571 (Notes) (EB)

→ Splenomegaly, Hepatosplenomegaly → Cause.

→ Causes of melena

→ Odynophagia → HSV, CMV, candida infection

→ T/t of H. Pylori → for 14 days

Liver

(1)

- Mx of fulminant hepatitis - 363
- Hepatitis B vaccination * - Pedig (or R.B.)
- Hemolytic jaundice
- Hepatic encephalopathy - Mx & grading - R.B. not + Cf (Math)
- Liver abscess - Math. Page
- Wilson's disease, Diag. test. - 393 Math.
- Amoebic liver disease - SX
- Hepatitis A vaccination - R.B. notes.
- Hydatid disease of liver - SX
- Tlt of hept. C - R.B. notes
- Chronic Active hepatitis - R.B. notes
- ~~B. notes~~ 1° Biliary cirrhosis - R.B. notes
- Hepatitis B → Investign, Tlt - (R.B.)
- Liver Cirrhosis → USG finding & Cf - R.B. notes
- NASH - M. 399
- Non-cirrhotic portal fibrosis - M. 396
- have read → LFT -
- read → Bilirubin metabolism -
- LB → Ascites pathogenesis, Cf, Diag, Tlt.
- Tender hepatomegaly - Mathew. 605
- Portal HTN - R.B. notes
- Chronic liver failure -
- Cullen sign, Virchow sign -
- Viral hepatitis - serological markers - R.B. notes
- Hepatic coma Tlt. -
- Liver Biopsy → indication & Cf - B.
- Hepatic ~~or~~ H-Tlt of amoebiasis -
- Oesophageal varices - R.B. notes
- CG → Chronic hepatitis → Cf + Manag / Complicⁿ -
- LB → causes of Jaundice, Cf, Investigation & complications of hepatitis & Tlt of hepatic coma. →
- Read

SLE, RA, Gout

Connective tissue disorder

- Mx of Acute Gout * 670
- Disease Modifying Antirheumatic drugs *
- Investigation of SLE
- Immunomodulator drugs in RA
- Mix Connective tissue disorder
- Rheumatoid Arthritis **, Pathogenesis, Diag. Tlt; complication
- Acute porphyria, Acute intermittent porphyria.
- Gout, *
- Diag. criteria of SLE.
- ARA criteria of SLE.
- ~~uses~~ Bechet's syndrome
- Cause of pain in multiple jt.
- SLE → Systemic Manifestn; Skin manifestation.
- Tlt of Myasthenia gravis.
- causes & Tlt of recurrent muscular weakness.

TIT of PEP

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others [Immunity + Environment.

- organophosphorus & comp. poisoning*, C/f, & TLT 648
- Bioterrorism.
- Neurological complications of HIV (209)
- Snake bite poisoning, viper Bite-Mx*, C/f 98
- Post exposure prophylaxis in HIV (210)
- Angioedematous oedema 1016
- Malignant HTN
- critical care neuropathy
- 20-25 words → Anaphylaxis,
- Fix drug reaction.
- Mx of Acid ingestion.
- Electrical injury
- Heat stroke
- Side effects of zidovudine.
- Alcohol intoxication, cocaine Abuse.
- diag. of HIV, oral manifestation of AIDS.
- Radiation hazards,
- Aluminium phosphide poisoning
- Neurolytic snake venomation
- ART → complication, HAART.
- Kailonychia
- Benzodiazepine poisoning
- classification of antiretroviral drugs.
-

Met Acid, base balance

① Respiratory Acidosis - Pedia p. 87

- Reye's syndrome → Pedia.
- Tumour markers.

② Mx of metabolic alkalosis. - Pedia

- Drugs causing osteoporosis.
- Tlt of Tetany.

✓ 1 Metabolic acidosis. - Pedia

✓ 1 hyponatremia. - from Pedia Ques + Notes.

- Causes of B/L Pedal edema.
- Referred pain - what is
- Define Nystagmus.

Respiratory

Notes + P126

P-115

- Ventilator Associated Pneumonia, Community acquired Pneumonia
- Tension Pneumothorax - 204 Mathew
- 2nd line drugs used in T.B., ATT drugs - 137
- Rifampicin - S/E, use - P.138
- Pathophysiology of ARDS - Notes
- TIT of MR Staphylococcal pneumonia, ~~ATT~~ → Notes ^{Vancomycin} Rifampicin
- Causes of clubbing, grading - Kundu
- Indication of mechanical ventilation → 103 Math.
- Diag. & Mx of influenza - P.107
- TIT of Tubercular pleural effusion →
- Acute severe Asthma, TIT*, ~~Notes~~ Notes / Mathew
- Causes of Hepatosplenomegaly
- Cause of hemoptysis - Mathew - 206
- Hydropneumothorax - Mathew - 205
- Pleural effusion - Investigation - P.198 Mathew
- Define Bronchiectasis, ds, Investig, Rx, Complication.
- Opportunistic infection of lungs
- Status Asthmaticus - Mathew / Notes (same)
- ILD - Mathew
- Pulmonary embolism - Diag, Risk factor, Mx*
- Pneumothorax - management - 202
- Emphysema - CXR - 170
- Pleural effusion v/s Pneumonitis
- Pneumoconiosis - Mathew
- Hospital acquired Pneumonia -
- MDR - TB +
- Pleural effusion - Mx ¹⁹⁸, exudative v/s transudative Pl. eff ^{Kundu 66}
- Cystic fibrosis - Pedia
- Bronchial v/s Cardiac Asthma (CVS) -
- Bronchial Asthma eff, Investig & Mx → Notes
- Obstructive sleep apnea - Mathew + Mathew

Notes + R.B.

Describe Pathog, diag. & Mx of Acute coronary syndrome

- Basic life support
- Diastolic murmur in MS
- First heart sound. R.B
- D.C. shock
- opening snap.
- ECG changes of hypokalemia. - R. Boon
- Malignant hypertension.
- Splitting of second heart sound. - R.B

CNS

1. Tlt of Status epilepticus. Notes R.B

9302 ✓ Diag. + Mx of **Guillian Barre Syndrome** → R.F. Notes

972 → Red ICT → Mx. Math 268

928 → Diff. b/w Polynuropathy & Mononeuritis Multiplex.

528 → Entrapment Neuropathy Math Kundu

→ Tlt of cerebral oedema

974 → Signs & symptoms of raised ICT → Math 268

→ CSF circulation (N) CSF (226)

968 → Tlt of Trigeminal neuralgia → From Math. P-265

→ Clinical signs of **meningitis** → R.B Notes (Mainly) + Math (P. 265)

9493 Signs of S.C.D (Subacute Combined Degeneration of Spinal cord)

228 → Signs of peripheral neuropathy - Math - 333

→ Mx of Ischaemic encephalopathy → ?

888 → Apraxia - Math. 254

929 → Drugs causing Neuropathy - Math. - 334.

→ Tlt of **Parkinson's** disease. Notes R.B.

→ Cerebellar signs. - Page Notes or Kundu (2014)

900 → **Thrombotic stroke** - cause, (F) Investigate & Management

914 → Syncope vs epilepsy - R.B Notes

→ Flapping tremor - Kundu, M-P-(382) - (1446) Kundu

→ EEG - Ghai

→ Diabetic Neuropathy - Endocrine

937 → Friedreich's Ataxia → R.B Notes.

→ Wernicke's encephalopathy

→ Landry GB Syndrome → ?

→ Plantar reflex Importance - P. 480 (Kundu)

981 Pyogenic meningitis - Mx complication → R.B Notes

→ Dilated pupil causes - R.B Notes - 1st page.

→ Diphenyl hydantoin → Toxicities

→ Migrain - Drugs → Notes in Mathew

→ Multiple sclerosis. → R.B (Notes) Ghai

✓ Status epilepticus (915)

Myasthenia gravis

Kidney

- C/f of Acute Nephritic Syndrome - (R.B.) ✓
- Glomerulonephritis (Acute) - Chai - P- (474) ✓
- Interstitial nephritis -
- Hemodialysis indication (SN) (Notes)
- Chronic kidney dis. - causes & C/f - RASIR BOSS
- Polycystic kidney disease - 594 (Mudit Khanna)
- Hematuria - Mathew - P. 719
- Urine examination - Pama (H.M.) - 813
- Chronic renal failure - RASIR BOSS ✓
- Acute nephritic synd. vs nephrotic syndrome - Page (Notes)
- Acute renal failure - RASIR BOSS
- Nephrotic + C/f
- Microalbuminuria - Causes → Acute GN
 - i) post streptococcal
 - ii) Non streptococcal
- Renal tubular Acidosis - blatta (372)
- Dialysis Disequilibrium Syndrome
 - (i) Rapidly Prog. GN.
 - (ii) Membranoproliferative
 - (iii) Focal GN
 - (iv) IGA nephropathy

AEIOU

- | | | |
|----------|---|--------------------------|
| A | Intractable <u>Acidosis</u> | PAN |
| E | <u>Electrolyte disorder</u> $\uparrow K^+ \downarrow Na^+ \uparrow CO_2$ | Wegener's granulomatosis |
| I | <u>Intoxicants</u> → Arthanol, ethylene glycol, Li | HSP |
| O | <u>Intractable Fluid Overload</u> | erythrocytosis |
| U | <u>Uremic symptoms</u> (nausea, seizures, pericarditis, bleedg)
enophthalmos | |



Derma

- Erythema Nodosum
- Erythema multiforme
- Tlt of psoriasis:
- Tlt of Steven - Johnson syndrome

Respiratory continuation

- Causes of hemoptysis - P-366
- Respiratory failure - P-98
- Pleural Bx - Indication & Complication
- Bullae.
- Oxygen therapy →
- Montelukast. Leukotriene B_4 antagonist, used as 2nd choice in Asthma, along $\bar{c}$ inhaled corticosteroids.
Dose 10mg - OD.
Adverse effects - headache, abd. pain, skin rash, angio edema.

Pneumonia → *Streptococcus pneumoniae*

H. influenzae

Moraxella catarrhalis

Mycoplasma pneumoniae

Legionella.

3/1/2016

CNS → continuation

- Myasthenia crisis - ^{R.B} Notes
- classify seizures - (com, 23/2/2016)
- FAQ → Tubercular Meningitis - C/f, Investⁿ, D/D, Mx.
- Epilepsy → C/f R.B. notes Mx.
- Horner Syndrome - 266
- PUC Bell's Palsy - 266(M)

Mixed Connective Tissue Ds

- Also k/c Sharp's Synd; autoimmune disease in which bodies immune syst attacked
- S/S → Scleroderma + Dermatomyositis
- SLE
- RA
- Myositis
- S/S → Joint pain, swelling, malady, Raynolds, muscle inflammation, sclerodactyly.
- Δ → DANA
- ② Anti UI RNP AL

Medicine

Paper I

60 marks

A → Cardiology, Immunology, Rheumatology
Haematology & Critical Care Med. (Respi, CVS)

B → Endocrinology & metabolism
Infectious Diseases, Poisoning & Physical & Chemical Agent

II

① → Neurology & Psychiatry
Respiratory & Nutritional D/D

② → GIT, Liver & pancreas
Nephrology, Dermatology & Genetics

60 marks