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2025 LICENSE TOPICS - 154

INTERNAL MEDICINE. CARDIOLOGY

1. Loss of Consciousness. C5-C6
2. Palpitations. Dyspnea. C6
3. Electrocardiography Basics. Approach to ECG. C7-C13
4. Atrial Flutter. Atrial Fibrillation. C21-C24
5. Ventricular tachyarrhythmias C 26-C27
6. Alterations in impulse conduction. C19-C21
7. Hypertension. FM37-FM40
8. Chest Pain. C5, ER 21-22, FM 21-22
9. Ischemic Heart Disease. C30-C39
10. Peripheral Arterial Disease. VS4-VS6
11. Aortic Disease. VS6-VS9
12. Heart Failure. C40-C45
13. Infective Endocarditis. ID 15-ID17
14. Acute Pericarditis. C61-63
15. Valvular Heart Disease. C54-C61
16. Common Medications. C70-C73
17. Venous Thromboembolism. H36-H38, ER 33-34
18. Acyanotic Congenital Heart Diseases P 21-P23

INTERNAL MEDICINE. PULMONOLOGY

1. Respiration Patterns in Normal and Diseases States (figure 2). R2
2. Differential Diagnosis of Common presentation – R3
3. Allergic Rhinitis. FM 17, OT24
4. Asthma. R7-R8, FM19, P91
5. Tuberculosis. ID25-ID26
6. Chronic Obstructive Pulmonary Disease (COPD). R8-R11, FM 19
7. Pneumonia. ID7-ID9, P93
8. Pneumothorax. GS 17- GS18
9. Pleural Effusions, Complicated Parapneumonic Effusion, Empyema. R-24-26; GS 17
10. Interstitial Lung Disease. R13-R18
11. Lung cancer. GS14 - GS17
12. Respiratory Failure. R26-R28 (R27-29)
13. Sleep Related Breathing disorders R29-R30

INTENSIVE CARE

1. Rapid Primary Survey. ER2-ER4
2. Shock. ER3-ER4; R31-32 (R32); Blood pressure. A13 Circulation. ER3-ER4
3. Chest Trauma. ER11-ER12

ANESTHESIA

1. Pain Management. A25-A27, N43-44

NEUROLOGY

1. Headache. N46-N48, ER23-ER24, FM 36
2. Stroke. N51-N55
3. CNS Tumours. NS11-NS18 (NS 12-19)
4. CNS infections. Meningitis. ID17-ID18, P65-P66 ; Encephalitis. ID18-ID19
5. Pain Syndromes – N43-N45

INFECTIOUS DISEASES

1. Fever. FM35-FM36 (FM 35), P58-P59
2. Influenza. ID9-ID10
3. COVID 19 ID10-ID11
4. HIV and AIDS. ID27-ID32
5. Sexually Transmitted Infections (STIs). FM 46-47, GY28-GY31
6. Nosocomial Infections. ID6
7. Parasitic Infections: ID35-ID40
8. Tetanus Prophylaxis. ER17
9. Sepsis and Septic Shock. ID20-ID21, R31-R33
10. A Simplified Look at Antibiotics. ID46-ID47

INTERNAL MEDICINE. HEPATO-GASTROENTEROLOGY

1. Acute Abdominal Pain. GS4 - GS5
2. Acute Diarrhea. G15-G19
3. Differential diagnosis of common complains – G4-G5
4. Gastrointestinal Bleeding. (Upper and lower) GS6; G28-G31
5. Gastritis G11, Peptic Ulcer Disease G11-G12, *H. Pylori*, NSAIDs and stress Induced Peptic Ulceration G1-G14
6. Inflammatory Bowel Disease: Crohn's Disease. Ulcerative Colitis. G22-G26
7. Jaundice. G45
8. Ascites. G44-G45
9. Acute Viral Hepatitis (General). G32-G33; Hepatitis A Virus. G33; Hepatitis B Virus. G33-G34; Hepatitis D virus. G34. Hepatitis C Virus. G34-G35;
10. Cirrhosis. G40-G42; Portal Hypertension. G42-G43; Hepatic Encephalopathy. G43; Esophageal Varices. G29-G30;
11. Hemorrhoids. GS47-GS48;

MEDICAL GENETICS

1. Genetic Syndromes: Trisomy 21 MG 6; Fragile X Syndrome MG6
2. Cystic fibrosis P92, MG11, R12-R13;

GENERAL SURGERY

1. Colorectal Neoplasms. GS 41-GS 44
2. Gastric Carcinoma. GS 26-GS 27 Gastrointestinal Stromal Tumour. GS27-GS 28
3. Benign and malignant Liver neoplasms GS 52-GS 54
4. Esophageal carcinoma. GS21-GS 22
5. Pancreatic Cancer. GS61-GS 63
6. Small Bowel Obstruction. GS 29-GS 30. Paralytic Ileus. GS 31.Large Bowel Obstruction. GS 37-GS 38
7. Appendicitis. GS 35-GS36
8. Abdominal Hernia. GS 33-GS 35
9. Cholelithiasis. GS55.Biliary Colic. GS 56. Acute Cholecystitis. GS56-GS57. Gallstone Ileus GS 58
10. Acute Pancreatitis. GS 60
11. Chronic Venous Insufficiency. VS10 - VS11

GYNECOLOGY - OBSTETRICS

1. Pregnancy OB3-OB4. Preconception Counselling OB4. Initial Prenatal Visit OB4-OB5
2. Antepartum Hemorrhage OB14-OB16, GY20
3. Ectopic Pregnancy GY21-GY23
4. Preterm labour OB16-OB18, Intrauterine Growth Restriction OB20-OB21
5. Normal Labour and Delivery. OB33-OB38
6. Disorders of Menstruation. GY7-GY11
7. Gynecological Infections. GY 26-GY34
8. Gynecological Oncology: Uterus, Ovary, Cervix. GY42-GY 50

RHEUMATOLOGY

1. Rheumatology: Differential Diagnoses of Common Presentations. RH3-RH4
2. Rheumatoid Arthritis. RH8-RH11
3. Ankylosing Spondylitis. RH23-RH24
4. Systemic Lupus Erythematosus RH11-RH13;
5. Antiphospholipid Antibody Syndrome RH13-RH14
6. Common Medications (Rheumatology). RH31-RH32

ORTHOPEDIC SURGERY

1. Radius and Ulna Shaft Fracture. OR21-OR23
2. Hip Fracture. OR 31-OR 32
3. Fractures in Children. OR45. Stress Fractures. OR45-OR46

OPHTHALMOLOGY

1. Differential diagnoses of common presentations – OP3-OP5
2. Optics. OP7-OP8

OTOLARYNGOLOGY

1. Otalgia. OT6

2. Acute Otitis Media. OT 39-OT41. Otitis Media with Effusion. OT41
3. Infectious Pharyngitis/Tonsillitis. P64-65 (nu apare titlul in varianta 2024)
4. Rhinosinusitis. OT25-OT26
5. Epistaxis. OT26-OT27

GERIATRICS

1. Physiology and Patology of Aging. GM2-GM3

PSYCHIATRY

1. Schizophrenia. PS 8-PS9
2. Bipolar disorders PS14-PS15
3. Anxiety Disorders. PS16-PS19
4. Neurocognitive disorders: Delirium GM5-GM6; Delirium PS23-PS24, N21;
5. Major Neurocognitive Disorder (Dementia) PS24-PS26, N22-N24;
6. Depressive Disorders PS12-PS15

PEDIATRICS

1. Primary Care – Visit Overview P4-P5
2. Growth and Development P7-P8
3. Nutrition. P8-P10
4. Neonatology: Gestational Age and Size, Routine Neonatal Care, Neonatal Resuscitation P-70-P72
5. Sepsis in the Neonate P81; Cyanosis. P75
6. Dentition P11; Failure to Thrive P13-P14
7. Gastroenteritis P44
8. Approach to Infant/Child with Dehydration P39-P41
9. Jaundice.P76-P78
10. Vomiting. P41-P42
11. Common Cold (Acute Rhinitis). FM22
12. Seizure Disorders. P89-P90, N18-N20; Febrile Seizures P88 Status Epilepticus N20-N21
13. Bronchiolitis P92
14. Infectious Pediatric Exanthems. P62-P63

RADIOLOGY

1. Imaging Modalities. M12-M14

DERMATOLOGY

1. Bacterial Infections. Epidermis D29-D31. Epidermis and dermis D31
2. Dermatophytoses D31-D32
3. Anaphylaxis and Allergic Reactions. ER29
4. Parasitic Infections. D32-D34

ENDOCRINOLOGY – DIABETES – METABOLIC DISEASES

1. Thyroid Nodules E33
2. Thyrotoxicosis E26-E27; Graves' Disease E27-E28; Thyrotoxic Crisis/Thyroid Storm E29-E30

3. Hypothyroidism E30-E31; Hashimoto's thyroiditis E31; Myxedema Coma E31-E32

ENDOCRINOLOGY – NUTRITION

1. Obesity. P14, FM9-FM10
2. Dyslipidemias. E3-E6
3. Diabetes Mellitus P32-P33, E7-E18, FM25-FM28, NP34-NP35, OB28-OB30, OP34-OP35

UROLOGY

1. Urinary Tract Infection. P69 , U13-U14;OB31 Recurrent/Chronic Cystitis U14
2. Acute Pyelonephritis U15-U16
3. Lower urinary tract dysfunction (Urinary incontinence and Urinary retention) U6-U7.
4. Stone Disease. U18-U20
5. Benign Prostatic Hyperplasia. U7-U8
6. Prostate Cancer. U26-U29
7. Benign Renal Neoplasms U21-U22 ; Malignant Renal Neoplasms U22-U23
8. Testicular Tumors U29-U30

NEPHROLOGY

1. Assessment of renal function NP5-NP8;
2. Acid-Base Disorders. NP17-NP20;
3. Electrolyte Disorders. NP8-NP17
4. Acute Kidney Injury. NP20-NP21;
5. Chronic Kidney Disease. NP36-NP37
6. Nephrotic Syndrome. NP25
7. Glomerular Diseases. NP22-NP24
8. Vascular Diseases of the Kidney. NP31-NP33

HEMATOLOGY - ONCOLOGY

1. Complete Blood Count. H3; Blood Film Interpretation. H3-H5
2. Anemia. H6. Microcytic anemia H14-H17. Macrocytic anemia H25-H26
3. Disorders of Primary Hemostasis. H28-H32;
4. Disorders of Secondary Hemostasis H32-H34
5. Multiple Myeloma. H51-H53
6. Acute Myeloid Leukemia. H39-H41; Acute Lymphoblastic Leukemia. H46-H47
7. Chronic Lymphocytic Leukemia. H50-H51
8. Lymphomas. H47-H50

ONCOLOGY

1. Benign Breast Lesions. GS65-GS66;
2. Breast Cancer. GS66-GS70

Bibliography

Galati M and Motekalem Y. (Editors-in-Chief). **Essential MedNotes 2024**. 40th Edition. Toronto Notes for Medical Students, Inc., Toronto, 2024.