

5th year lectures checklist

Final exams (020):

10/5 Saturday: Economics

17/5 Saturday: Therapeutics

22/5 Thursday: Subsurgery

26/5 Monday: Submedicine

29/5 Thursday: Pediatric

31/5 Saturday: Psychiatry

4/6 Wednesday: OB/GYN

Therapeutics

1. Therapy of Diabetes Mellitus
2. Therapy of Hypertension
3. Therapy of Acute Coronary syndromes
4. Therapy of Chronic Heart Failure
5. Medication Errors
6. Therapy of Certain Disorders During Pregnancy
7. Therapy of Epilepsy
8. Therapy of Migraine
9. Therapy of Schizophrenia
10. Therapy of Depression
11. Antimicrobial Selection and Prophylaxis
12. Therapy of Pneumonias
13. Therapy of Meningitis

Subsurgery

Ophthalmology

1. Anatomy of the eye
2. Slit lamp biomicroscope
3. Optics and refraction
4. Strabismus
5. Cornea & sclera
6. Lens & cataract
7. Diabetic retinopathy
8. Glucoma
9. Uveitis
10. Eye injuries
11. Loss of vision
12. The orbit
13. Lids and lacrimal glands

Neurosurgery

1. Increased ICP
2. Head injury 1
3. Head injury 2
4. Subarachnoid hemorrhage
5. Degenerative spinal disease
6. Hydrocephalus
7. Spina bifida
8. Spinal cord injury
9. Spinal tumors
10. Brain tumors

Urology

1. Introduction to urology 1
2. Introduction to urology 2
3. Anatomy of penis, physiology of erection & erectile dysfunction
5. Genitourinary trauma
6. Prostate cancer
7. Testicular tumors
8. Infertility
9. Renal transplantation
10. Hematuria
11. Urinary stones
12. Urinary incontinence
13. Urinary tract infection
14. Benign prostatic hyperplasia
15. Benign scrotal pathologies
16. Baldder tumors
17. Renal tumors
18. Neurogenic bladder & urodynamics
19. Pediatric urology

ENT

1. Epistaxis and nasal truama
2. Deafness in adult
3. Vertigo
4. Hearing assesment in children
5. Common adeno-tonsillar disease
6. Acute rhinosinusitis
7. Chronic rhinosinusitis
8. Neck masses
9. Chronic suppurative otitis media
10. Acute otitis media & OME
11. Stridor and tracheostomy
12. External ear condition
13. Head and neck 1
14. Head and neck 2

Orthopedic

1. Anatomy review
2. Principles of fracture & xrays
3. Bone healing
4. Physical exam (knee & shoulder)
5. Upper limb fractures
6. Lower limb fractures
7. Pediatric foot
8. Shoulder disorders
9. Knee sport injuries
10. Knee disorders
11. Pediatric spine
12. Hand disorders
13. Osteomalacia & osteoporosis
14. Pediatric hip
15. Hip fractures
16. Musculoskeletal infection
17. Osteoarthritis
18. Orthopedic rehabilitation
19. Low back pain
20. Bone tumors
21. Fractures in children
22. Gait disorders
23. Spine fractures
24. Peripheral nerve injuries

Submedicine

Forensic & toxicology

1. Postmortem changes
2. Burn
3. Electrocution
4. Asphyxia
5. Drowning
6. Wounds
7. Firearm injuries
8. Domestic abuse
9. Child abuse
10. Sudden death
11. Medicolegal reports
12. Introduction to toxicology
13. Management of acute poisoning
14. Alcohol
15. Doping in sport
16. CO poisoning
17. Cyanide poisoning
18. CNS depressants
19. CNS stimulants
20. Hallucinogens
21. Pesticides poisoning
22. Acetaminophen poisoning

Dermatology

1. Normal skin
2. Eczema
3. Acne & rosacea
4. Cutaneous manifestations of systemic diseases
5. Connective tissue diseases
6. Psoriasis
7. Urticaria
8. Pruritus
9. Scabies & lice
10. Bacterial infection
11. Fungal infection
12. Viral infection
13. Bullous diseases
14. Sexual transmitted diseases
15. Drug eruption
16. Skin tumors
17. Hair diseases

Emergency medicine

1. Chest pain
2. BLS
3. Arrhythmias
4. Stroke (not included)
5. Primary survey for trauma patients

Radiology and nuclear medicine

1. Introduction to radiology
2. Biological effects of radiation
3. Brain CT
4. Brain and spine MRI
5. Ultrasound
6. Chest X-ray
7. GI radiology
8. Mamography
9. Interventional radiology
10. MSK radiology
11. Nuclear medicine

Family medicine

1. Introduction to family medicine
2. Consultation
3. Communication skills with adults & adolescents
4. Communication skills with children
5. Diagnostic process
6. Patient-centered medicine
7. Management plan 1,2,3&4
8. Anticipatory care
9. Counseling
10. Evidence-based medicine
11. Doctor-patient relationship (no slides for it :)
12. Dealing with difficult patients
13. Geriatric patients
14. Breaking bad news

General topics

1. Pediatric history
2. Well newborn care / neonatal exam
3. Developmental assessment
4. Approach of febrile illness
5. Infant nutrition
6. Failure to thrive
7. Prematurity
8. Vaccination
9. Genetic Disorders

Nephrology

10. Dehydration and electrolytes
11. Approach of dysuria
12. Nephrotic syndrome
13. Acute and chronic renal failure

Respiratory

14. Upper respiratory tract infections
15. Lower respiratory tract infections
16. Approach to wheeze
17. Approach to stridor
18. Respiratory cases 1 & 2

Gastrointestinal

19. Neonatal jaundice
20. Chronic diarrhea
21. Acute gastroenteritis

Neurology

22. Meningitis
23. Seizures
24. Approach to hypotonia

Cardiology

25. Congenital heart diseases
26. Heart failure

Endocrine

27. Short stature
28. Common endocrine disorders

Hematology

29. Anemia

Rheumatology

30. Rheumatology diseases

Psychiatry

- Chapter 2:** Examination and Diagnosis
- Chapter 3:** Psychotic Disorders
- Chapter 4:** Mood Disorders
- Chapter 5:** Anxiety, OCD, Trauma/Stressor-Related Disorders
- Chapter 6:** Personality Disorders
- Chapter 7:** Substance-Related and Addictive Disorders
- Chapter 8:** Neurocognitive Disorders
- Chapter 9:** Geriatric Psychiatry
- Chapter 10:** Psychiatric Disorders in Children
- Chapter 11:** Dissociative Disorders
- Chapter 12:** Somatic Symptom and Factitious Disorders
- Chapter 13:** Impulse Control Disorders
- Chapter 14:** Eating Disorders
- Chapter 15:** Sleep-Wake Disorders
- Chapter 16:** Sexual Dysfunctions and Paraphilic Disorders
- Chapter 17:** Psychotherapies
- Chapter 18:** Psychopharmacology
- Chapter 20:** Approach to the Psychiatric Patient in the ER

Obstetrics

1. Physiologic changes in pregnancy
 2. Obstetric examination
 3. Obstetric Ultrasound scan
 4. Miscarriage
 5. Ectopic pregnancy
 6. Gestational trophoblastic diseases
 7. Rh isoimmunisation
 8. Polyhydramnios & oligohydrominous
 9. Fetal compromise
 10. Gestational HTN
 11. Pre-eclampsia
 12. Gestational DM
 13. Thyroid disorders
 14. Anemia in pregnancy
 15. Labor
 16. Preterm labor
 17. Intrapartum fetal monitoring & CTG
 18. Intrapartum maternal monitoring
 19. Operative vaginal delivery
 20. Cessarean section (dr. Amal said it is read only)
 21. Episiotomy (dr. Amal said it is read only)
 22. Postpartum care
 23. Postpartum hemorrhage & maternal injuries
 24. Antepartum hemorrhage
 25. Multiple pregnancy
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Gynecology

1. Gynecological examination
2. Puberty
3. Amenorrhea
4. Dysmenorrhea
5. Dysfunctional uterine bleeding
6. PCOS
7. Endometriosis
8. Subfertility
9. Menopause
10. Contraception
11. Lower genital infections
12. Pelvic inflammatory disease
13. Fibroids
14. Pelvic organ prolapse
15. Urinary incontinence
16. Benign ovarian tumors
17. Malignant ovarian tumors
18. Endometrial cancer
19. Benign and malignant conditions of the vulva and vagina