

# 6th year lectures checklist

Doctor 2020 / 2026 

## Final exams:

Sunday 10/5/2026: OB/GYN

Thursday 14/5/2026: Pediatrics

Tuesday 19/5/2026: Internal medicine

Sunday 24/5/2026: General surgery

Sunday 31/5/2026: Oral 1

Monday 1/6/2026: Oral 2

Tuesday 2/6/2026: Oral 3

Wednesday 3/6/2026: Oral 4

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## **Obstetrics**

1. Obstetric Ultrasound scan
  2. Physiologic changes in pregnancy
  3. Miscarriage
  4. Ectopic pregnancy
  5. Gestational trophoblastic diseases
  6. Rh isoimmunisation
  7. Polyhydraminous & oligohydrominous
  8. Multiple pregnancy
  9. Fetal compromise
  10. Gestational DM
  11. Hypertensive disorders during pregnancy
  12. Thyroid disorders in pregnancy
  13. Anemia in pregnancy
  14. Labor & Intrapartum maternal monitoring
  15. Intrapartum fetal monitoring
  16. Operative vaginal delivery
  17. Episiotomy
  18. Cesarean section
  19. Preterm labor
  20. Antepartum hemorrhage
  21. Postpartum hemorrhage & maternal injuries
  22. Postpartum care
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## **Gynecology**

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

1. Antenatal care
2. Mental health during pregnancy
3. Malpresentation and Malposition
4. Cardiac disease in pregnancy
5. Epilepsy with pregnancy
6. Thromboembolism during pregnancy
7. Maternal collapse
8. Anatomy of female pelvis
9. Gynecological procedures
10. Cervical screening (including pap smear)
11. Induction of ovulation
12. Ovarian hyperstimulation syndrome

# **Pediatrics**

## **Neonatology**

1. Well newborn care / neonatal exam
2. Prematurity
3. Neonatal jaundice
4. Infant nutrition
5. Breast milk & infant nutrition- dr. Fareed
6. Breastfeeding - dr. Eman
7. Neonatal sepsis

## **Nephrology**

8. Dehydration and electrolytes
9. Approach of dysuria
10. Hematuria in children / Enuresis
11. Nephrotic syndrome
12. Acute and chronic renal failure

## **Respiratory**

13. Upper respiratory tract infections
14. Lower respiratory tract infections
15. Approach to wheeze
16. Approach to stridor
17. Bronchiolitis
18. Asthma
19. Cystic fibrosis

## **Gastrointestinal**

20. Acute gastroenteritis
21. Chronic diarrhea
22. Liver diseases

## **Neurology**

23. Developmental assessment & developmental delay
24. Seizures
25. Approach to hypotonia
26. Meningitis
27. Localization-based neurological disorders

## **Cardiology**

28. Acyanotic congenital heart diseases
29. Cyanotic congenital heart disease
30. Heart failure
31. Arrhythmias
32. Shock

## **Endocrine**

- 33. Short stature
- 34. Common endocrine disorders
- 35. Precocious puberty
- 36. Adrenal disorders

## **Hematology** (handouts)

- 37. Anemia
- 38. Hemoglobinopathies
- 39. Bone marrow failure & severe aplastic anemia
- 40. Coagulation, bleeding & thrombosis
- 41. Disorders of platelets & WBCs
- 42. Bleeding disorders
- 43. Hematologic malignancies
- 44. Solid tumors

## **Rheumatology**

- 45. Rheumatology diseases
- 46. SLE

## **Psychiatry**

- 47. ADHD & Autism

## **Miscellaneous**

- 48. Pediatric history
- 49. Failure to thrive
- 50. Approach of febrile illness
- 51. Genetic disorders
- 52. Vaccinations
- 53. Viral exanthema

## **Gastrointestinal rotation**

1. Esophageal disorders
2. Upper GI bleeding
3. Lower GI bleeding
4. Peptic ulcer disease - no slides
5. Functional GI disorders
6. Inflammatory bowel disease
7. Malabsorption & Celiac disease
8. Autoimmune liver disease
9. Alcoholic & non-alcoholic steatohepatitis (ASH & NASH)
10. Liver cirrhosis
11. Hereditary liver disease (Hemochromatosis & Wilson disease)
12. Viral hepatitis
13. Pancreatitis?

## **Cardiology rotation**

1. Ischemic heart disease
2. Acute coronary syndromes
3. Cardiac arrhythmias (tachyarrhythmias & bradyarrhythmias)
4. Hypertension
5. Valvular heart disease
6. Infective endocarditis
7. Heart failure
8. Cardiomyopathy
9. Pericardial diseases (pericarditis)

## **Hematology & oncology rotation**

1. Approach to anemia
2. Megaloblastic anemia
3. Acquired hemolytic anemia
4. Congenital hemolytic anemia + Hemoglobinopathies
5. Bleeding disorders 1
6. Bleeding disorders 2
7. Acute leukemia
8. Chronic leukemia
9. Chronic myeloproliferative disorders (VTE)
10. Lymphoma & Myeloma
11. Blood transfusion

## **Endocrine rotation**

1. DM I & II
2. Thyroid disorders
3. Adrenal disorders
4. Pituitary disorders & hypogonadism
5. Calcium disorders (hypercalcemia)

### **Respiratory rotation**

1. Pulmonary function test
2. Chest x-rays
3. Asthma
4. COPD
5. Interstitial Lung Disease
6. Pneumonia & Bronchiectasis
7. Lung cancer
8. Respiratory failure & ARDS
9. Pulmonary embolism & Pulmonary hypertension
10. Pleural diseases
11. Obstructive Sleep Apnea / Obesity Hypoventilation Syndrome

### **Nephrology rotation**

1. Structure and function of the kidney
2. Acid/Base disorders
3. Na<sup>+</sup>/water disorders & regulation
4. Potassium disorders
5. Primary glomerular disorders
6. Secondary glomerular disorders
7. Acute Kidney Injury
8. Chronic Kidney Disease
9. Renal Replacement Therapy
10. Hypertension

### **Rheumatology rotation**

1. Rheumatoid arthritis
2. Systemic Lupus Erythematosus
3. Spondyloarthropathies
4. Gout and osteoarthritis
5. Inflammatory myopathies (Polymyositis)
6. Vasculitis
7. Systemic sclerosis

### **Infectious diseases rotation**

1. Antibiotics therapy
2. Antibiotics resistance
3. Typhoid fever & Salmonella enterocolitis
4. Brucellosis
5. Tuberculosis
6. Infection control
7. Human immunodeficiency virus

## **General rotation**

1. Trauma management
2. Preoperative assessment of surgical patients & risk evaluation
3. Metabolism & nutrition in surgical patients
4. Fluid management of surgical patients
5. Surgical site infection
6. Surgical complications and outcome in surgical patients
7. Shock - dr. Amjad
8. Hypovolemic shock - dr. Khaled
9. Sepsis
10. Bleeding and blood transfusion

## **Gastrointestinal rotation**

1. GERD, hiatal hernia & achalasia
2. Esophageal cancer
3. Gastric cancer
4. Obesity & bariatric surgery
5. Primary liver tumors
6. Liver metastasis
7. Liver hydatid cyst
8. Gallstones
9. Acute pancreatitis
10. Pancreatic cancer
11. Cystic tumors of the pancreas
12. Inflammatory bowel disease
13. Intestinal obstruction
14. Mesenteric ischemia
15. Small bowel tumors
16. Acute appendicitis
17. Diverticular diseases
18. Colorectal polyp
19. Colorectal cancer
20. Hemorrhoids & fissures
21. Perianal suppuration
22. Surgical aspect of spleen
23. GIST & Neuroendocrine tumors of the GI tract

## **Cardiothoracic rotation**

1. Vascular injury
2. Valvular heart disease
3. Mediastinal masses
4. Thoracic trauma
5. Thoracic aortic diseases
6. Coronary artery disease
7. Surgical management of lung infections
8. Lung cancer
9. Hemodynamic monitoring
10. Acute lower limb ischemia
11. Chronic lower limb ischemia

### **Pediatric rotation**

1. Diaphragmatic hernia & TEF
2. Neonatal intestinal obstruction
3. Miscellaneous topics in pediatric surgery
4. Inguinoscrotal diseases
5. Pediatric solid tumors
6. Foreign body aspiration
7. Pediatric urology

### **Endocrine rotation**

1. Disorders of parathyroid glands
2. Adrenal gland pathology
3. Salivary glands tumors
4. Surgical management of thyroid nodule (benign and malignant disorders)
5. Surgical aspect of diabetic foot
6. Cervical lymphadenopathy

### **Plastic rotation**

1. Soft tissue coverage
2. Burn
3. Complications of burns - dr. Bareqa
4. Cleft lip & palate
5. Vascular anomalies
6. Chronic wounds
7. Normal wound healing & pressure sores
9. Common hand condition (cold injuries, bites, hand injuries)
8. Skin cancer

### **Breast rotation**

1. Breast introduction & benign breast disorders
2. Breast cancer overview
3. Breast cancer management

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*Shahed Atiyat*