



كلية الطب البشري
Faculty of Medicine



الجامعة الهاشمية
The Hashemite University

Course information

Course title: Pediatrics 1

Course number: 111504501

Credit hours: 9 credits hours

Course date: Every 8 weeks of academic year

Course meeting time: 8 am -4 pm daily

Course location: Prince Hamzeh hospital, Ministry of Health, and Royal Medical Services hospitals.

Instructor: Radi Siouf, MD, radi_hamed@hotmail.cm , mobile # 00962795567785

Pre-requested course: 4 years of medical school

Course description:

This course introduces general pediatrics, normal growth & development (including disorders of growth and development), nutrition, and the recommended immunizations. Students will also have exposure to common pediatric problems. Goals will be met through lectures, tutorials, and clinical bed-side teaching.

Learning outcomes:

Upon completion of the course, students should be able to:

1. Recognize normal growth and development in children.
2. Acquire essential knowledge about common pediatric diseases.
3. Able to obtain detailed and proper clinical history.
4. Able to conduct proper clinical examination, and identify physical signs of common pediatric illnesses and disorders.
6. Generate a problem list, and a legible differential diagnosis for the commonly encountered pediatric problems.
7. Make interpretation of common investigations that are performed for pediatric patients.
8. Build proper communication skills with colleagues, patients and their families, and staff members.
9. Respect patients' rights including privacy and confidentiality.

Instructional methods:

1. Supervised direct interaction with the patients.
2. Bedside clinical teaching provided by the faculty staff.
3. Lectures.
4. Tutorials.

Text books and materials (references):

- Nelson textbook of pediatrics
- Nelson Essential of pediatrics.

Grading Policy:

- Evaluation = 20%
- End of rotation OSCE exam = 35%
- Final Written Exam = 45%

Total Points 100

Course Policies:

Late Assignments:

Students are expected to present assigned tasks such as case presentations or seminars on scheduled times, if not, the course director will assign new date within the 2 weeks rotation in the hospital. Late assignment without accepted excuse will affect the evaluation.

Missed exams:

Students missing their end of rotation clinical examination with an acceptable excuse (provided within 72 hours) can reset for the exam, the date will be determined by the course instructor. If no excuse was provided within 72 hours, or if the excuse was not accepted, then the student score for that exam will be zero.

If the student misses the final exam with an acceptable excuse provided within 72 hours, then he can reset for the exam not later than one week prior to starting new semester. If no excuse was provided within 72 hours or the excuse was not accepted, then his score for the exam will be zero.

Absence

1. Absence of any educational activity without acceptable excuse in any day of the rotation will be considered as one whole day of absence.
2. Absence of more than 10% of rotation days (i.e. absence for more than 4 days) without an accepted excuse(s), the student will be forbidden from setting to all following pediatric exams for the year including makeup examination

Cheating

Cheating is extremely prohibited. In case it occurs, then the Hashemite university policy will be applied.

Classroom Protocol:

(Insert your expectations for participation, attendance, arrival times, behavior etc. here)

1. Students are expected to arrive on time for the scheduled activity such as the morning report, lectures, seminars, or clinical rounds.
2. Students should show respect and full attention during the educational activity, no use of mobile phones, and no side talks.

3. Students should respect each other, patients, nurses and physicians.
4. Students are expected to respect the privacy and confidentiality of patients' information.
5. Students are expected to comply with the faculty dress code policy during their clinical training in hospitals.
6. Participation is graded according to interaction during teaching tutorials and clinical rounds, completion of assigned tasks, attending educational activity, punctuality and communication skills.

Important dates:

On the last day of the 8 week rotation, there will be an OSCE examination.

Student rights and responsibilities:

Students have the right for direct interaction with patients obtaining history and performing clinical examinations, to review medical files including investigation results and imaging procedures, however they should not disclose results and information's to patients. Students should respect and protect patients' privacy and confidentiality.

Course schedule:

1. Total of 8 weeks rotation in pediatrics distributed equally over 4 hospitals (Prince Hamzeh hospital, Queen Rania hospital, Al-Basheer hospital, and the new Zarqa ministry of health hospital).
2. Students attend morning reports 08:00-09:30 AM, subsequently they will attend morning clinical teaching rounds with faculty staff.
3. Students will have direct interaction with patients to obtain history and perform physical examination.
4. Clinical tutorials in the form of case presentations, topic discussions will be held by assigned faculty staff on daily basis.
5. Lectures covering major pediatric topics.

5th yr lectures	
Nephrology	Urinary tract infection Acute Kidney injury (AKI) Chronic kidney disease (CKD) Nephrotic syndrome
Gastroenterology	Hyperbilirubinemia GERD/gastritis in children Viral hepatitis / Chronic liver disease Malabsorption disorders Gastroenteritis/dehydration Metabolic liver disease
General pediatrics	Immunization Genetics and inherited syndromes

Neurology

Seizure disorders
Hypotonia (Guillain Barre syndrome, W,Hoffman, muscular dystrophies)
Child development

Cardiology

congenital heart disease
Rheumatic fever, endocarditis, pericarditis, myocarditis, Cardiac failure

Hematology/oncology

Anemias
Coagulation and bleeding disorders

Endocrinology

Diabetes mellitus, Diabetic ketoacidosis
Thyroid and parathyroid disorders
Adrenogenital syndrome
Puberty disorders

Infectious diseases

Pneumonia
Bronchiolitis, epiglottitis, tracheitis, croup
Meningitis/encephalitis
Tuberculosis, brucellosis
Rheumatic fever / endocarditis
Septic arthritis /osteomyelitis
Chicken pox, mumps, tetanus, diphtheria pertussis

Neonatology

Prematurity
Neonatal resuscitation and perinatal asphyxia
Neonatal sepsis and TORCH infections

	Respiratory distress syndrome, and transient tachypnea of the newborn
Immunology	Immune deficiency disorders
Rheumatology	Connective tissue diseases (SLE, RA, scleroderma)
Pulmonary	Bronchial asthma Cystic fibrosis Respiratory tract infections
Genetics	Genetic disorders