

Republic of Iraq
Ministry of Higher Education & Scientific Research
Supervision and Scientific Evaluation Directorate
Quality Assurance and Academic Accreditation

Specification Form for The Academic Program

University: **Warith
Alanbyaa**

College: **college of Medicine**

Department: **Pediatrics**

Date of Form Completion: 1-12-2024

Dean's Name

Dean's Assistant for
Scientific Affairs

Head of Department
Ashwaq ali
hussein

Date: / /

Date: / /

Date: 1/12/2024

Signature

Signature

Quality Assurance and University Performance Manager

Date: / /

Signature

Assistant professor Dr. :Ashwaq Ali Hussein

1. Teaching Institution	Warith alanbyaa Medical College
2. Department/Centre	Pediatric department
3. Program Title	Pediatrics theoretical course
4. Title of Final Award	M.B.CH.B
5. System	Anually
6. Accreditation	Iraqi National Guideline on Standards for Established and Accrediting Medical School
7. Date of production/revision of this specification	2024-2025
8. Aims of the Program	

Objectives of the academic program

- 1 -Teaching students the principles of pediatrics and enabling them to apply them safely.
- 2 -Students are able to work as a resident doctor in a hospital with the competencies and knowledge required to deal with patients.
- 3 -Acquiring first aid skills in treating urgent cases.
- 4 -Knowledge of primary health care for children in health and illness and diagnosing risk factors
- 5- Providing students with the skills of taking a correct medical history and how to reach a pathological diagnosis.

9. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Knowledge and understanding

By the end of this course, all students will gain knowledge and systematic understanding of:

- 1 .Normal growth and development (including developmental stages) from newborn to adolescence, and the factors affecting them (genetic and environmental).
- 2 .Nutrition in relation to the growth of infants and children. Which include: nutritional needs, breastfeeding, and malnutrition diseases
- 3 .Clinical manifestations and differential diagnosis of common pediatric diseases.

- 4 .Evaluation and management of common problems that appear in newborns, infants, childhood and adolescence.
- 5 .Interpreting common diagnostic methods and tests and making the appropriate choice between them according to the case.
- 6 .Disease prevention, immunization, control of infectious diseases, isolation, and preventive treatments in cases of infectious diseases.
7. Detect life-threatening medical conditions in children and manage them in accordance with approved protocols.

B. Subject-specific skills

At the end of the program, the student is expected to be able to:

- 1 .Take the relevant medical history and focus on the medical problem.
- 2 .Conduct an appropriate physical examination of the child, whether general or local.
- 3 .Make diagnostic and therapeutic decisions based on clinical judgment.
- 4 .Interpretation of laboratory data as well as imaging results.
5. The ability to build a medical record based on information derived from the interview, history and physical examination.

10. Teaching and Learning Methods

Theoretical lectures via Data show, and slides presentation, with oral discussion

Assessment methods

OSCE, Mini-CEX.

Thinking skills

- 1- Improving the student's ability to perform assignments and submit them on the scheduled date.
- 2- Improving the student's ability to dialogue and discuss.
- 3- Improving the ability to interpret pathological conditions and how to deal with them.

11. Theory Program Structure

Stage	Course or Module Title	Hours
Fourth	Pediatrics	30

12. Personal Development Planning

Follow curricula that depend on gaining knowledge and skills.

13. Admission criteria.

Degree of the student in the final exam

14. Key sources of information about the program

	BOOK TITLE	AUTHOR(s) / EDITOR
	<i>Main Resources</i>	
1	Department of pediatrics DOCUMENTS	Department of pediatrics
2	Nelson Essentials of Pediatrics,	Karen j. Marcdante, MD, robert m. Kliegman, MD
	<i>Other References</i>	
3	Illustrated Textbook of Pediatrics	Tom Lissauer, Graham Clayden
4	Pediatric Clinical Examination 6 th ed.	Gill and O'Brien
5	Macleod's Clinical OSCEs	Paul O'Neill, Alexandra Evans, Tim Pattison etc.
6	The Harriet Lane Handbook (22nd-edition-2020)	Keith Kleinman, MD, Lauren McDaniel, MD, (The Johns Hopkins Hospital)

**Pediatrics Curriculum year 4
(Lectures)**

	Theory Lectures		
	Topics	Hours	
Week	First course		اسم الاستاذ
1	Growth and development <ul style="list-style-type: none"> • Definition • Factors affecting growth and development • Physiology of growth and development. • Methods of measurement: weight, linear growth, circumferential & skin folds 	1	Dr. Enas moaid
2	Developmental milestones of children from birth until puberty 1	1	
3	Developmental milestones of children from birth until puberty 2 Primitive reflexes / factors affecting development	1	
4	Immunity: <ul style="list-style-type: none"> • Definition 	1	

	<ul style="list-style-type: none"> Natural immunity. Acquired immunity Passive and active immunity 			
5	Immunization: <ul style="list-style-type: none"> Vaccine and the expanded polio vaccine program. Other vaccines include BCG, diphtheria, tetanus, measles, mumps, rubella, hepatitis B, Hemophilus influenzae b vaccine , pneumococcal, influenza and Rota vaccination Contraindications for vaccination Immunization schedule in Iraq 	1	Dr.Enas moaid	
6	<ul style="list-style-type: none"> Infant feeding Breast feeding 1 Formula feeding 	1	Dr.Mohamed Kad	
7	<ul style="list-style-type: none"> Infant feeding Breast feeding 2 Formula feeding 	1		
8	Feeding problems- Constipation ,vomiting and Regurgitation	1		
9	Gastroenteritis Diarrhea and vomiting	1	Dr. Alaa Qassim	
10	Dehydration, fluid and electrolytes therapy, ORT	1		
11	Failure to thrive (causes, investigations & management)	1		
12	Malnutrition / Kwashiorkor Marasmus. Marasmic-kwashiorkor	1		
13	Malnutrition / vitamin and mineral deficiencies	1		
14	Neonatal jaundice	1		
15	Review 1			
week	Second course			
1	Calcium metabolism and rickets	1	Dr.Tareef Fadhil	
2	Abdominal pain Infectious diseases / Hepatitis	1		
3	Mumps ,Whooping cough,Diphtheria	1	Dr.Mohamed Kad	

4	Measles German measles	1		
5	scarlet fever,roseola infantum ,kala azar (Visceral leishmaniasis)	1		
6	Meningitis and encephalitis	1	Dr.Tareef Fadhil	
7	Meningitis and encephalitis / Poliomyelitis and polyneuritis	1		
8	Chronic Infectious diseases: T.B.	1		
9	Malabsorption / celiac disease	1	Dr.Ashwaq ali	
10	Respiratory system: Atopic conditions and asthma 1	1		
11	Respiratory system: Atopic conditions and asthma 2	1		
12	Respiratory system: Apnea,breath holding spell, Obstructive sleep apnea syndrome, Upper airway obstruction(choanal atresia,laryngomalacia,tracheomalacia, , foreign body inhalation), congenital lung anomalies	1		
13	Respiratory system: - Croup , epiglottitis,Bronchiolitis,bacterial trachitis	1		
14	Respiratory system: pneumonias, pleural effusion,pneumothorax ,cystic fibrosis	1	1	
15	Review	1		