

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Pediatric Diseases & Surgery
Course number	AMSP3218
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1	- The student will be able to know normal growth and development of the child up to adolescence.
2	- The student will be able to understand the main problems of the neonatal period includes the basic principles of ability & reflexes of the newborn, assessment of the maturity, common diseases of neurological, musculoskeletal, & cardiopulmonary disorders. .
3	- The student will be able to know the relations between child development and pathological problems
4	- The student will be able to discuss common diseases, diagnosis, and management related to various body systems.
5	- This course discussed main pathological problems and diseases and its managements of various body systems (like, CNS, CVS, Respiratory, Gastrointestinal, and Renal systems).
6	- The student will be able to understand the main surgical problems & common complications after surgical treatments which may face children.

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * This course aims to help the students to recognize the physiological and pathological conditions of children. . * The course includes the basic principles of ability & reflexes of the newborn, assessment of the maturity, common diseases of neurological, musculoskeletal, & cardiopulmonary disorders. * This course also is designed to enable students to recognized the common pediatric surgical problems & common complications after surgical treatments.
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Course Contents

- 1 - Growth and development of children from birth up to adolescence period
- 2 - Newborn and problems which may face.
- 3 - Immunizations in infancy and childhood.
- 4 - Nutrition of children.
- 5 - Nutritional disorders of children
- 6 - Rickets in children
- 7 - Mental retardations
- 8 - Cerebral palsy
- 9 - Infections of the central nervous system in children.
- 10 - Disorders involving respiratory tract.
- 11 - Cardiology including congenital heart diseases.
- 12 - Shock and burns
- 13 - Head injury
- 14 - Hydrocephalus.
- 15 - Surgical problems related to congenital deformities & managements.

Teaching and Learning Methods

- 1 - Formal lectures, LCD
- 2 - slide demonstration
- 3 - Hands out
- 4 - Charts

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
MCQ (multiple choice questions)	First midterm exam.	25
Oral examination	Second midterm exam.	15
Activities and attending lectures	All the semester	10
Long and short questions.	At the end of the semester	50

Books and References

Essential books	2. Lectures note of pediatrics
Recommended books	1. Nelson textbook of pediatrics
Other References (Periodical, web sites, etc.)	3. Medscape