

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Pediatrics II (Senior)
Course number	MDCN6821
Faculty	
Department	
Course type	Major Needs
Course level	6
Credit hours (theoretical)	8
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - Students acquire the knowledge of health promotion, disease prevention and management of common diseases in children (including new-borns).
- 2 - Students become proficient in basic clinical skills of history taking, physical examination, data interpretation and basic technical procedures as applied to children of different ages.
- 3 - Students develop an attitude of sympathetic care for the child patient and his parents.
- 4 - Students develop a desire for self-learning.
- 5 - Students are able to visualize the impact of the disease on the community as a whole and be able to study the genesis of epidemics and be able to plan prevention of those.
- 6 - The students are equipped with the knowledge and confidence to play the role of a teacher, supervisor and organizer in a primary health care setup.

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none">* Student will be able to give description of common paediatric problems and diseases, in children at different ages.* Student will show an understanding of national programmes working for health promotion and disease prevention in children e.g. EPI, ARI etc.* Student will show an understanding of processes of growth and development in childhood and will be able to describe growth parameters and developmental milestones at different ages.* Student will demonstrate understanding of the importance of nutrition in children and be able to describe diets suitable for different ages and in different diseases
Intellectual Skills	<ul style="list-style-type: none">* Students will demonstrate his ability to obtain a relevant clinical history from a parent or an older child.* Student will demonstrate his ability to perform adequate clinical examination of a child of any age (including new-born)* Student will be able to interpret clinical and laboratory data arriving at a diagnosis* Student will be able to advise appropriate nutritional measures for healthy and sick children (Breast feeding, avoidance of bottle, proper weaning).
Professional Skills	<ul style="list-style-type: none">* Use of Growth chart* Giving Nebulizer therapy [Bronchodilator]* Lumbar Puncture
General Skill	<ul style="list-style-type: none">* The Student will show ability to provide general care of sick Paediatric patients and be able to carry out simple diagnostic tests in the side lab.

Course Contents

1 - Supervised History Taking session
2 - General Examination of a child
3 - Respiratory system examination
4 - Abdominal examination of child
5 - Musculoskeletal Examination of child
6 - Developmental assessment
7 - History taking: Child with Failure to thrive
8 - History taking: Child with jaundice
9 - History taking: Child Edema
10 - History taking: Child with respiratory symptoms
11 - History Taking: Child with gastroenterology symptoms
12 - General Pediatrics Rounds
13 - History taking: Child with Fever
14 - History Taking: Child with Seizure disorders
15 - History Taking: Child with joint pain
16 - Growth Assessment
17 - Student Presentations/Projects
18 - Out Patient Clinics
19 - NICU Rotation

Teaching and Learning Methods

1 - Lectures
2 - Tutorial
3 - Laboratory/Studio

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Case Discussion		10
Midterm Written (MCQs) Exam	1 hr	30
Final Written MCQs) Exam	2 hr	40
Final OSCE		20

Books and References

Essential books	Nelson's Essential Pediatrics
Recommended books	Pediatric Clinical Examination: Pocket Tutor Manual of Clinical Paediatrics (for Medical Students & Postgraduate Doctors) 6th Edition
Other References (Periodical, web sites, etc.)	UpToDate