



The Hebrew University of Jerusalem

Syllabus

PEDIATRICS - SIX YEAR - 96840

Last update 30-05-2013

HU Credits: 3

Degree/Cycle: 2nd degree (Master)

Responsible Department:

Academic year: 0

Semester: Yearly

Teaching Languages: Hebrew

Campus:

Course/Module Coordinator: Prof Elie Picard

Coordinator Email: picard@szmc.org.il

Coordinator Office Hours: Only with appointment 02-6666292

Teaching Staff:

Course/Module description:

Aquisition of basic knowledge in pediatrics

Course/Module aims:

To take a clinical history and examination and to diagnose most of the common pediatric diagnoses

Learning outcomes - On successful completion of this module, students should be able to:

- 1.The student will learn to diagnose common diseases in pediatrics including differential diagnosis and prognosis*
- 2.The student will learn to choose an appropriate treatment protocol for the clinical situation.*
- 3. The student will learn the risks and success rate of each treatment*
- 4.The student will learn to interpret clear and common findings in laboratory investigations and imaging studies*

Attendance requirements(%):

80

Teaching arrangement and method of instruction: Frontal teaching and bedside

Course/Module Content:

- 1) Normal and pathological growth and development from birth to adolescence*
- 2) Preventative pediatric medicine and vaccinations including the Israeli table of vaccinations*
- 3) Nutrition: nutritional needs, breast milk feeding vs. formula including vitamin deficiencies*
- 4) Fluid and electrolytes: pathophysiology and treatment in emergency conditions*
- 5) Neglected and battered children*
- 6) Genetic principles and frequent genetic abnormalities*
- 7) Pediatric emergency care*
- 8) Approach to a child with metabolic disease*
- 9) The healthy and sick child
(the high risk child; asphyxia; post prematurity etc.)*
- 10) Frequent problems in adolescent medicine*

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- 11) *Immunological and Allergic diseases*
 - 12) *Rheumatology of the child*
 - 13) *Infectious diseases*
 - 14) *Gastrointestinal diseases*
 - 15) *Respiratory diseases*
 - 16) *Cardiovascular disease*
 - 17) *Hematological diseases*
 - 18) *Oncology*
 - 19) *Renal diseases*
 - 20) *Endocrinology*
 - 21) *Neurology*
 - 22) *Frequent ophthalmology dermatology and ENT diseases of children*
 - 23) *Frequent orthopedic diseases of children*

Required Reading:

Nelson Essentials of Pediatrics, 6th Edition, 2011

Additional Reading Material:

Nelson Textbook of Pediatrics, 19th Edition, 2011

Course/Module evaluation:

End of year written/oral examination 100 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information: