



# *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](mailto:picard@szmc.org.il)*

*Coordinator Office Hours: Only with appointment 02-6666292*

*Teaching Staff:*

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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: