

The Hebrew University of Jerusalem

Syllabus

TOPICS IN CLINICAL NUTRITION - 73976

Last update 23-10-2017

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: nutritional sciences - international prog.

Academic year: 0

Semester: 2nd Semester

Teaching Languages: English

Campus: Rehovot

Course/Module Coordinator: Dr. Sharon Iron-Segev

Coordinator Email: sheri.segev@gmail.com

Coordinator Office Hours: Tuesday 15-16

Teaching Staff:

Dr. Sharon Iron-Segev

Course/Module description:

The course introduces the student to principles of clinical nutrition and mode of treatments.

Course/Module aims:

The course will cover selected topics in clinical nutrition presenting both theoretical background and clinical practice.

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

- Upon completion of this course, students will have:
- A basic understanding of the role of nutrition in treating disease and improving clinical outcomes.
 - The ability to appraise screening tools and document the nutrition care process
 - Skills to evaluate relevant biochemical and dietary measurements used in nutritional assessment.
 - The ability to identify nutritional inadequacies in health and disease and provide recommendations on how to adjust diets to meet recommended requirements, overcome sensitivities and improve clinical symptoms.

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Lectures, exercises & reports.

Course/Module Content:

1. Nutritional screening and assessment (nutritional, anthropometric and biochemical)
2. NCP-Nutrition care process
3. Nutritional aspects of bone health
4. Nutritional support - Enteral and parenteral feeding in infants & children (sources of nutrients, composition, feeding techniques).
5. Nutritional support - Enteral and parenteral feeding in geriatric patients.
6. Nutritional requirements and dietary adaptation in metabolic and gastroenterological diseases and syndromes.
7. Clinical aspects and treatment of obesity, eating disorders FTT and RFID

Required Reading:

Modern Nutrition in Health and Disease. Ross AC et al. (editors) 11th edition, Philadelphia, PA: Lippincott Williams & Wilkins, 2014

Available Online

Krause's Food and the Nutrition care Process, 13ed, 2012.

Additional Reading Material:

Journal of the American Dietetic Association

American Journal of Clinical Nutrition

Nutrition Reviews

Journal of Nutrition

Clinical Nutrition

Course/Module evaluation:

End of year written/oral examination 70 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 30 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information:

None