



The Hebrew University of Jerusalem

Syllabus

TOPICS IN CLINICAL NUTRITION - 73976

Last update 20-02-2022

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: Dana Weiner

Coordinator Email: danaweiner@gmail.com

Coordinator Office Hours: Wednesday 14-14:30

Teaching Staff:

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,

Course/Module Content:

- 1.Nutritional screening and assessment (nutritional, anthropometric and biochemical)
- 2.Nutritional aspects of CVD and diabetes
- 3.Nutritional support - Enteral and parenteral feeding in elderly (sources of nutrients, composition, feeding techniques).
- 4.Nutritional support - nephrology patients.
- 5.Nutritional requirements and dietary adaptation in surgical patients and ICU.
- 6.Clinical aspects and treatment of obesity.
- 7.Clinical aspects and treatment of oncology patients.

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

Grading Scheme:

Additional information:

None