



# *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](mailto:danaweiner@gmail.com)*

*Coordinator Office Hours: Wednesday 14-14:30*

*Teaching Staff:*

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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.

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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*