

The Hebrew University of Jerusalem

Syllabus

CARE OF THE ACUTE/ CRITICAL PATIENT - 93122

Last update 17-01-2024

HU Credits: 3

Degree/Cycle: 2nd degree (Master)

Responsible Department: Clinical Nursing

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Dr Julie Benbenishty

Coordinator Email: julie@hadassah.org.il

Coordinator Office Hours: wednesday 13-14

Teaching Staff:

Prof Freda Dekeyser,
Ms. Natalia Licht,
Prof Charles Weissman,
Mr. Alex Furmanov

Course/Module description:

The course is designed to provide students with an up-to-date and in-depth theoretical and clinical knowledge base for the treatment of adults in acute and critical complex medical conditions. The course will discuss situations of violation of the various bio-psycho-social components, typical of acute and critical complex medical conditions.

During the course, the various reasons for these situations will be analyzed and different treatment options will be presented such as: drug treatments, use of artificial aids, adjustment of the physical environment and activation of psychosocial support systems. In the course, emphasis will be placed on making clinical decisions through a critical comparative analysis of the means of assessment and treatment, while presenting clinical considerations and research findings that guide professional, medical and nursing practice in the field.

Course/Module aims:

In the course, emphasis will be placed on making clinical decisions through a critical comparative analysis of the means of assessment and treatment, while presenting clinical considerations and research findings that guide professional, medical and nursing practice in the field. At the end of the course, students will demonstrate the ability to make decisions about a treatment plan at an advanced clinical nurse level, while comparing different evidence-based therapeutic approaches, for selected diagnoses, referring to the patient's data in a bio-psycho-social-cultural approach. The course will analyze the reasons for these situations and the necessary interventions: drug treatments, use of artificial aids, adjustment of the physical environment and activation of psychosocial support systems.

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

1. To identify functional and bio-psycho-social imbalances representative of complex critical patients
2. To plan the care for a multidisciplinary team
3. To evaluate the efficacy of treatment interventions according to the evidence based on the current literature
4. To critically discuss and compare diagnostic and treatment options for complex critically ill patients

Attendance requirements(%):

Teaching arrangement and method of instruction: Seminar 50%
Clinical experience 50%

Course/Module Content:

Pain in a complex patient

- Infections acquired in intensive care*
- Mobility (mobility) in intensive care*
- End of life in intensive care*
- Limitation of patients in intensive care*
- Acute delirium in a complex patient*
- Fatigue Alarm*
- Family-centered care*
- Treatment of a patient with multisystem failure (ECMO, CRRT)*
- Subject of the student's choice*

Neurosurgical patient
Cardiothoracic patient
treated in the cardiac system
Heart failure
TAVI
Pain and pain management
Patient in internal intensive care
Poly Pharmacy
Surgical thinking
Emergency situations in surgery
Complications after surgery
Therapeutic approach to a contaminated patientAB

Required Reading:

Burns, S. & S. Delgado, S. (2018). The American Association of Critical-Care Nurses. Essentials of Critical-Care Nursing (4th ed.). McGraw-Hill Medical.

De Bock, B.A., Willems, D.L., & Wrinstein, H.C. (2017). Complexity perspectives on clinical decision making in an intensive care unit. Journal of Evaluation and Clinical Practice, 24, 308-313.

Toney-Butler, T. et al., (2020) Nursing Process Stat Pearls.

Morton, P.C., & Fontaine, D.K. (2017). Critical care nursing: A holistic approach (11th ed). Philadelphia: Lippincott, Williams & Wilkins

Urden, L.D., Stacy, K.M. & Lough, M.E. (2018). Critical care nursing: Diagnosis and management (9th ed.). Philadelphia: Mosby El Sevier.

Yee, A. (2023). Clinical decision-making in the intensive care unit: A concept analysis. Intensive and Critical Care Nursing, 77, 103430.
<https://doi.org/10.1016/j.iccn.2023.103430>

Additional Reading Material:

Current literature as requested by the lecturer

Grading Scheme:

Written / Oral / Practical Exam 55 %

Submission assignments during the semester: Exercises / Essays / Audits / Reports / Forum / Simulation / others 25 %

Presentation / Poster Presentation / Lecture 20 %

Additional information:

- 1. Reading three articles according to the attached criteria*
 - 2. Written submission of two treatment plans with a passing grade is a condition for submitting to a summative test*
 - 3. Presentation of a selected subject through a literature review with a passing grade is a condition for submitting to a summative test.*
 - 4. Summative test: written summary of a comprehensive assessment and selected evidence-based treatment plan combined home + classroom*
- A. Assignments will be submitted in the "Model" system according to the submission date.*
- B. Submitting assignments for grading as shown in the lesson plan. All assignments must be submitted on time and with a passing grade. It is possible to coordinate a postponement of the assignment submission date with the course coordinator at least 3 working days before the required submission date.*
- C. In exchange for each day or part thereof of delay in submitting an assignment for which no coordination was made to postpone the submission as required, 5 points will be deducted from the final grade.*
- D. In a situation where the student is not present for a whole or part of the school day, he/she is expected to complete a supplementary assignment in coordination with the course coordinator.*