

Course name: Anesthesiology and Critical Care - 5th year

Course No.: 471-8-5094

<p><u>Credit points:</u> 2.5 <u>ECTS:</u> <u>Academic year:</u> 5 <u>Semester:</u> 1,2 <u>Duration:</u> 2 weeks and 3 days <u>Location:</u> Anesthesiology and Critical Care Depts. Soroka University Med. Ctr. <u>Teaching language:</u> Hebrew <u>Degree:</u> MD <u>Course characteristic:</u> Course in clinical Anesthesiology and Critical Care <u>Discipline:</u> Anesthesiology <u>Supervising dept.:</u> Anesthesiology <u>Requirements:</u> None <u>Grades key:</u> Pass/Fail <u>Lecturer name:</u> Prof. Yoram Shapira Dr. Yoav Bichovski</p> <p><u>Contact details:</u> 050-6264594</p> <p><u>Office No.:</u> <u>E-mail:</u> YoramSh@clalit.org.il</p> <p><u>Course evaluation:</u> Pass/Fail, based on attendance and oral examination</p> <p><u>Course approval:</u> The course has been approved by the faculty teaching committee for 2012 <u>Last updated:</u> 11.2015</p>	<p><u>Course description:</u> Basic course in Anesthesiology and Critical Care <u>Course objectives:</u> To teach major topics in clinical Anesthesiology and Critical Care <u>Course Goals:</u> To provide basic knowledge and skills in clinical anesthesiology and critical care <u>Learning input:</u> In completing the course the student will be able to:</p> <ol style="list-style-type: none">1. To be familiar with anesthetic drugs2. To know and recognize complications and of intubation and anesthetic3. To be familiar with intravenous and ventilation anesthesia4. To know and understand fluid and electrolytes management in anesthesiology and critical care patients5. To understand principles of regional anesthesia6. To be familiar with basic special issues in anesthesiology and critical care (cardiac patient, asthmatic patient, morbid obese patients, pediatric anesthesiology, head trauma patient and heavy smoker patient)7. To be familiar with principles of intensive care management8. To be familiar with principles of post operative analgesia9. To appropriate use imaging in anesthesiology and critical <p>In completing the course the student will be familiar with the follow practical skills:</p> <ul style="list-style-type: none">- intubation- central line insertion- anesthesia machine and ventilation machine- insertion of gastric tube- laryngeal mask
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- anesthesia monitoring
- cardio-respiratory resuscitation

Attendance regulations: attendance mandatory

Teaching technique:

Bedside teaching in operation rooms (OR) and Intensive Care Unit (ICU)
Students will have supervised rounds, will see and present patients and will be exposed to the various patients in anesthesiology and critical care setting.

Frontal teaching: Three days of frontal teaching and then daily frontal teaching during the clinic clerkship.

Course tasks: attendance mandatory
Once a week every student should do a shift until 23:00 with the staff doctor and accompany him or her

Course Structure: Daily Activity:

7.00-12.00 OR and ICU

12.00-15.00 Short seminars about major anesthesiology and critical care topics

Required time for self study: approx. 3 hours a day for completing tasks and reading relevant material

Student Evaluation:

Pass/fail based on attendance and oral examination

Required reading:

Gurman G.: Anesthesiology; a practical manual for students, interns and new residents in Anesthesiology. 2005