



<b>Study program:</b> Doctoral Academic Studies in Biomedical Sciences		
<b>Name of the subject:</b> CURENT ISSUES IN ONCOLOGY		
<b>Teacher(s):</b> Lazar S. Popović, Zoran D. Radovanović, Svetlana L. Popović-Petrović, Silvija M. Lučić		
<b>Status of the subject:</b> elective		
<b>Number of points:</b> 20		
<b>Condition:</b> -		
<b>Goal of the subject</b> Acquiring knowledge about modern diagnostic and therapy of malignant diseases.		
<b>Outcome of the subject</b> Acquiring knowledge about modern radiological, histopathological and genetic diagnostics in malignant tumor therapy. Introduction to the possibilities of innovative therapeutic options in the targeted therapy, immunotherapy, immunological manipulations, as well as of current surgical techniques in the treatment of cancer. Introduction to the late complications in patients who survived the cancer and with psychological support during the treatment.		
<b>Content of the subject</b> <i>Theoretical lectures</i>		
<ol style="list-style-type: none"> <li>1. Innovative techniques in radiological and invasive radiological diagnostics and therapy of malignant tumors</li> <li>2. Modern surgical techniques and specific indications for surgical treatment of cancer</li> <li>3. Histopathology and immunohistochemistry in the diagnostics of malignant tumors with a special focus on the immunohistochemical markers of prognosis and therapeutic decisions</li> <li>4. Molecular and genetic diagnostics and personalized therapy of malignant tumors</li> <li>5. Targeted therapy of malignant diseases</li> <li>6. Immunotherapy of malignant diseases and ex vivo manipulations of immune system in the treatment of cancer</li> <li>7. Current concepts in the breast cancer therapy</li> <li>8. Current concepts in the gastrointestinal cancers therapy</li> <li>9. Current concepts in the urologic cancer therapy</li> <li>10. Current concepts in the therapy of melanoma and soft tissue sarcoma</li> <li>11. Psychosocial and functional support in cancer patients</li> </ol>		
<b>Recommended literature</b>		
<ol style="list-style-type: none"> <li>1. De Vita VT. Cancer Principals and Practice of Oncology.</li> </ol> Subspecialist literature recommended by mentor		
<b>Number of active classes</b>	<b>Theory:</b> 60	<b>Practice:</b> 45
<b>Methods of delivering lectures</b> Work under mentor's supervision; lectures; practices; consultations; debates and discussion		
<b>Evaluation of knowledge (maximum number of points 100)</b>		
activities during lectures: 10		
seminar: 10		
SRW: 40		
oral exam: 30		