

**SCHOOL OF MEDICINE, UNIVERSITY OF MOSTAR  
NUCLEAR MEDICINE**

**HEAD OF THE DEPARTMENT: Assistant professor Ivan Jurić, MD, PhD**

**ACADEMIC YEAR 2024/25**

10.2.2025.- 14.2.2025./ Lectures(L): 22h, Seminars(S): 3h, Practice(P): 5h;

**Exam/written test/ term: 17.2.2025. at 11:00 a.m.**

	DAY	MONDAY 10.2.2025.	TUESDAY 11.2.2025.	WEDNESDAY 12.2.2025	THURSDAY 13.2.2025	FRYDAY 14.2.2025
	HOURS					
1	9.40-10.25	BASICS OF NUCLEAR PHYSICS (L) Assistant prof. Ivan Jurić,MD,PhD	NUCLEAR HAEMATOLGY (L) Assistant prof. Ivan Jurić,MD,PhD	NUCLEAR NEUROLOGY(L) Assistant prof. Ana Barić,MD,PhD	RADIATION PROTECTION(L) Assistant prof. Ana Barić,MD,PhD	NUCLEAR IMAGING OF THE HEART,LUNG AND BLOOD VESSELS (L) Assistant prof. Ivan Jurić,MD,PhD
2	10.30-11.15	BASICS OF NUCLEAR MEDICINE (L) Assistant prof. Ivan Jurić,MD,PhD	NUCLEAR GASTROENTEROLOGY(L) Assistant prof. Ivan Jurić,MD,PhD	ENDOCRINOLOGY(L) Assistant prof. Ana Barić,MD,PhD	RADIONUCLIDE THERAPY (L) Assistant prof. Ana Barić,MD,PhD	NUCLEAR IMAGING OF THE HEART,LUNG AND BLOOD VESSELS (L)
3	11.20-12.05	Mo-99/Tc99m GENERATOR, RADIOPHARMACY(L) Assistant prof. Ivan Jurić,MD,PhD	ONCOLOGY (S) V.S.S. Dr.Damir Rozić	ENDOCRINOLOGY(L) Assistant prof. Ana Barić,MD,PhD	HYBRIDS METODEDES PET/CT (L) Assistant prof. Ana Barić,MD,PhD	NUCLEAR IMAGING OF THE HEART,LUNG AND BLOOD VESSELS (L)
4	12.10-12.55	Mo-99/Tc99m GENERATOR, RADIOPHARMACY (L)	ONCOLOGY(S) S.AS. Dr.Damir Rozić	ENDOCRINOLOGY(L) Assistant prof. Ana Barić,MD,PhD	HYBRID METHODS PET/CT (L)	NEFROUROLOGY (L) Assistant prof. Ivan Jurić,MD,PhD
5	13.00-13.45	RADIOIMMUNOASSAY(L) Assistant prof. Ivan Jurić,MD,PhD	MUSCULOSKELETAL SYSTEM(S) S.AS. Dr.Damir Rozić	ENDOCRINOLOGY(L) Assistant prof. Ana Barić,MD,PhD	INFECTION AND INFLAMMATION(L) Assistant prof. Ana Barić,MD,PhD	NEFROUROLOGY (L) Assistant prof. Ivan Jurić,MD,PhD

PRACTICE WILL BE HELD AT DEPARTMENT OF NUCLEAR MEDICINE EVERY DAY BEFORE THE LECTURE (8:30 - 9:15) :

Gamma Camera;  $^{99}\text{Mo}$ - $^{99\text{m}}\text{Tc}$  Generator and radiopharmaceuticals; Thyroid examination

Assistant prof. Ivan Jurić, MD, PhD

Radiologic technologist Toni Lasić

mr.sc. Snježana Bradić

S-SEMINARS:

VSS Damir Rozić dr.med.

L- LECTURES:

Assistant prof. Ana Barić, MD, PhD; Assistant prof. Ivan Jurić, MD, PhD

### **Literature:**

1. Sharp PF, Gemmell HG and Murray AD, eds. Practical Nuclear Medicine. 3rd ed. London: Springer-Verlag, 2005.
2. Maher M. Basic Physics of Nuclear Medicine. Wikibooks.2004.
3. Ziessman HA, O'Malley JP, Thrall JH and Fahey FH, eds. The Requisites. Nuclear Medicine. 4<sup>th</sup> ed. Elsevier .Saunders. Philadelphia; 2014.