



**UČNI NAČRT PREDMETA / COURSE SYLLABUS**

<b>Predmet:</b>	URGENTNA STANJA PACIENTOV V INTERNI MEDICINI IN KIRURGIJI
<b>Course title:</b>	EMERGENCIES IN INTERNAL MEDICINE AND SURGERY

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Zdravstvena nega 2. stopnja	Urgentna stanja in temelji intenzivnega zdravljenja	2.	3.
Nursing Care master study programme	Emergencies and fundamentals of intensive treatment	2.	3.

**Vrsta predmeta / Course type**

Obvezni predmet izbrane študijske smeri /  
Compulsory subject selected study field

**Univerzitetna koda predmeta / University course code:**

IM-MAG-C.1.1

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje Clinical Practice	Druge oblike študija Other study forms	Samost. delo Individ. work	ECTS
30	20	/	/	/	100	5

**Nosilca predmeta / Lecturer:**

izr. prof. dr. Gorazd Voga / Assoc. Prof. Gorazd Voga, PhD  
prof. dr. Radko Komadina / Prof. Radko Komadina, PhD

**Jeziki /  
Languages:**

**Predavanja /  
Lectures:** Slovenski jezik / Slovene language  
**Vaje / Tutorial:** Slovenski jezik / Slovene language

**Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:** **Prerequisites:**

- Temeljno znanje iz kliničnih medicinskih predmetov – interna medicina, kirurgija, urgentna medicina in oživljanje.

- Basic clinical medical knowledge – internal medicine, surgery, emergency medicine and resuscitation.

**Vsebina:**

- Prepoznavanje nujnih stanj ter pravilno začetno ukrepanje.
- Prepoznavanje in zdravljenje organskih odpovedi.
- Pomembnost timskega dela pri obravnavanju nujnih stanj.
- Etična vprašanja pri obravnavanju nujnih stanj.
- Prepoznavanje hemodinamsko nestabilnega pacienta/poškodovanca.

**Content (Syllabus outline):**

- Recognition of emergencies and proper initial treatment.
- Recognition and management of organ failures.
- Importance of team work in the management of emergencies.
- Ethical issues in emergencies.
- Hemodynamic instability in patients/trauma victims and initial treatment.

**Temeljni viri in literatura / Textbooks:**



- Resuscitation Council, (UK), *Guidelines*. Available at: [www.resus.org.uk/pages/guide.htm](http://www.resus.org.uk/pages/guide.htm)
- Grmec, Š., ed., 2008. *Nujna stanja*. Ljubljana: Združenje zdravnikov SZD.
- Spahn, D.R., Bouillon, B., Cerny, V., Duranteau, J., Komadina, R. et al., 2019. The European guideline on management of major bleeding and coagulopathy following trauma: fifth edition. *Critical care*. 2019, 23(1), p. 98.
- Pfeifer, R., Leenen, L., Komadina, R., Hildebrand, F., et al., 2020. Indications and Interventions of Damage Control Orthopedic Surgeries: An expert opinion survey. *Sprejeto v objavo EJOT 2020*.

#### Cilji:

- Temeljno znanje o prepoznavanju in obravnavi nujnih stanj v interni medicini in kirurgiji.
- Poznavanje organizacijskih in etičnih načel pri nujnih stanjih.

#### Objectives:

- Basic knowledge concerning medical and surgical emergencies recognition and management.
- Knowledge on organisational and ethical aspects of emergencies.

#### Predvideni študijski rezultati:

##### Znanje in razumevanje:

- Celovito poznavanje obravnave pacinetov z nujnimi stanji.
- Začetni ukrepi pri urgentnem pacientu/poškodovancu.

#### Intended learning outcomes:

##### Knowledge and understanding:

- Integration of knowledge on emergencies management.
- Initial appropriate treatment in emergent cases.

#### Metode poučevanja in učenja:

- Predavanja
- Seminar

#### Learning and teaching methods:

- Lectures
- Seminar

#### Assessment:

Delež (v %) /  
Percentage  
(in %)

#### Načini ocenjevanja:

<ul style="list-style-type: none"><li>• 80 % prisotnost na obveznih seminarskih vajah.</li><li>• Oddan in uspešno opravljen zagovor seminarske naloge. Opravljene obveznosti iz seminarske naloge so predpogoj za pristop k izpitu.</li><li>• Pisni izpit</li><li>• Ocenjevalna lestvica ECTS: nezadostno (1-5), zadostno 6, dobro 7, prav dobro 8), prav dobro 9, odlično 10.</li></ul>	40 %  60 %	<ul style="list-style-type: none"><li>• 80% attendance at mandatory seminars.</li><li>• Submitted and successfully defended seminar work. Fulfilled obligations concerning seminar work are a prerequisite for the exam.</li><li>• Written exam.</li><li>• Grading scale ECTS: insufficient (1-5), satisfactory (6), good (7), very good (8), very good (9), and excellent (10).</li></ul>
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#### Reference nosilcev / Lecturer's references:

##### izr. prof. dr. Gorazd Voga

1. SAKR, Yasser, et al., VOGA, Gorazd (sodelavec pri raziskavi), RUPNIK, Erik (sodelavec pri raziskavi), KOSEC, Lučka (sodelavec pri raziskavi), KERIN-POVŠIČ, Milena (sodelavec pri raziskavi), OSOJNIK, Irena (sodelavec pri raziskavi), TOMIČ, Viktorija (sodelavec pri raziskavi), SINKOVIČ, Andreja (sodelavec pri raziskavi), et al. Being overweight is associated with greater survival in ICU patients : results from the intensive care over nations audit. *Critical care medicine*, ISSN 0090-3493, Dec. 2015, vol. 43, no. 12, str. 2623-2632, ilustr.



- [http://journals.lww.com/ccmjournal/Abstract/2015/12000/Being\\_Overweight\\_Is\\_Associated\\_With\\_Greater.13.aspx](http://journals.lww.com/ccmjournal/Abstract/2015/12000/Being_Overweight_Is_Associated_With_Greater.13.aspx), doi: [10.1097/CCM.0000000000001310](https://doi.org/10.1097/CCM.0000000000001310). [COBISS.SI-ID [38218245](https://www.cobiss.si/record/38218245)]
- VINCENT, Jean Louis, et al., VOGA, Gorazd (sodelavec pri raziskavi), RUPNIK, Erik (sodelavec pri raziskavi), KOSEC, Lučka (sodelavec pri raziskavi), KERIN-POVŠIČ, Milena (sodelavec pri raziskavi), OSOJNIK, Irena (sodelavec pri raziskavi), TOMIČ, Viktorija (sodelavec pri raziskavi), SINKOVIČ, Andreja (sodelavec pri raziskavi), et al. Assessment of the worldwide burden of critical illness : the intensive care over nations (ICON) audit. *The Lancet respiratory medicine*, ISSN 2213-2600, May, 2014, vol. 2, no. 5, str. 380-386, doi: [10.1016/S2213-2600\(14\)70061-X](https://doi.org/10.1016/S2213-2600(14)70061-X). [COBISS.SI-ID [2022779](https://www.cobiss.si/record/2022779)]
  - ŽURAN, Ivan, POREDOŠ, Pavel, SKALE, Rafael, VOGA, Gorazd, GABRŠČEK, Lucija, PAREŽNIK, Roman. Intensive insulin treatment improves forearm blood flow in critically ill patients : a randomized parallel design clinical trial. *Critical care*, ISSN 1466-609X, 2009, letn. 13, št. 6, str. R198. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2811932/pdf/cc8202.pdf>, doi: [10.1186/cc8202](https://doi.org/10.1186/cc8202). [COBISS.SI-ID [26457817](https://www.cobiss.si/record/26457817)]
  - BENES, Jan, KIROV, Mikhail, KUZKOV, Vsevolod, LAINŠČAK, Mitja, MOLNAR, Zsolt, VOGA, Gorazd, MONNET, Xavier. Fluid therapy: double-edged sword during critical care?. *BioMed research international*, ISSN 2314-6141, 2015, letn. 2015, čl. 729075, [str. 1-14]. <http://www.hindawi.com/journals/bmri/2015/729075/>, doi: [10.1155/2015/729075](https://doi.org/10.1155/2015/729075). [COBISS.SI-ID [737955](https://www.cobiss.si/record/737955)]
  - VOGA, Gorazd. Ocena srčne funkcije in stanja cirkulacije pri kritično bolnih = Assessment of cardiac function and circulatory status in critically ill patients. *Zdravniški vestnik*, ISSN 1318-0347. [Tiskana izd.], maj 2007, letn. 76, supl. 1, str. I-19-I-27. [COBISS.SI-ID [234072064](https://www.cobiss.si/record/234072064)]
  - VOGA Gorazd Cardiogenic shock In: Waldmann C, Rhodes A, Soni N Handy J [Oxford Desk Reference: Critical Care \(2 edn\). OUP 2019 DOI: 0.1093/med/9780198723561.003.0027](#)

**prof. dr. Radko Komadina**

- KOMADINA, Radko (urednik), TOMAŽEVIČ, Matevž (urednik). *Geriatrčna travmatologija*. Ljubljana: Slovensko zdravniško društvo, Združenje kirurgov, 2018. 298 str., ilustr. ISBN 978-961-92974-1-4. [COBISS.SI-ID [297381888](https://www.cobiss.si/record/297381888)]
- SPAHN, Donat R., BOUILLON, Bertil, CERNY, Vladimir, DURANTEAU, Jacques, FILIPESCU, Daniela, HUNT, Beverley J., KOMADINA, Radko, MAEGELE, Marc, NARDI, Giuseppe, RIDDEZ, Louis, SAMAMA, Charles-Marc, VINCENT, Jean Louis, ROSSAINT, Rolf. The European guideline on management of major bleeding and coagulopathy following trauma: fifth edition. *Critical care*. 2019, vol. 23, no. 1, str. 98
- PFEIFER, Roman, LEENEN, Luke, KOMADINA, Radko, HIELDEBRAND, Frank, LEFERING, Rolf, MARZI, Ingo, WENDT, Klaus, PAPE, Hans-Christoph. Indications and Interventions of Damage Control Orthopedic Surgeries: An expert opinion survey. *Sprejeto v objavo EJOT 2020*.