

	UČNI NAČRT PREDMETA/COURSE SYLLABUS
Predmet:	Obravnavna travmatoloških stanj v zunajbolnišničnem okolju
Course title	<i>Treatment of Traumatological Conditions in the Prehospital Environment</i>

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Zdravstvena nega / 1. stopnja	Zdravstvena nega	3. letnik	6. semester
Nursing Care / 1st Cycle	Nursing Care	3 rd year	6 th

Vrsta predmeta/Course type

modularni/module

Univerzitetna koda predmeta/University course code

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
30	/	/	15	/	30	3

Nosilec predmeta/Lecturer:

Uroš Zafošnik, viš. pred.

Jezik/ Predavanja/Lectures:
Languages:

slovenski / Slovenian

Vaje/Tutorial:

slovenski / Slovenian

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

Prerequisites:

Vpis v tretji letnik študijskega programa.

The prerequisite for participation is enrolment in the 3rd year of study.

Vsebina:

Content (Syllabus outline):

- Predstavitev filozofije ocenjevanja in oskrbe poškodovanega pacienta.
- Predstavitev ocene mesta dogodka nesreče.
- Predstavitev algoritmov za hitri in usmerjeni travmatološki pregled.

Pomembnejša travmatološka stanja pri odraslem pacientu:

- Dihalna pot in dihanje pri poškodovanem odraslem pacientu. Oskrba dihalne poti. Osnovni pripomočki. Ventilacija.
- Oskrba šokiranega pacienta.

- Presentation of the philosophy of assessment and care of the injured patient.
- Presentation of the site of the accident.
- Presentation of algorithms for rapid and targeted traumatological examination.

Important traumatological conditions in an adult patient:

- Respiration and airways in an injured adult patient. Respiratory care. Basic aids. Ventilation.
- Care of the shocked patient.
- Care of the patient with a chest injury.

<ul style="list-style-type: none"> • Oskrba pacienta s poškodbo prsnega koša. • Oskrba pacienta s poškodbo glave in možganov. • Oskrba pacienta s poškodbo hrbtenice. • Oskrba pacienta s poškodbo trebuha. • Oskrba pacienta s poškodbo okončin. • Oskrba pacienta z opeklinami. • Srčni zastoj zaradi poškodbe. <p>Oskrba poškodovanega otroka:</p> <ul style="list-style-type: none"> • Predstavitev barvnega traku za hiter izbor opreme, postopkov in odmerkov zdravil glede na velikost otroka. • ABCDE pristop k poškodovanemu otroku. • Imobilizacija poškodovanega otroka. <p>Oskrba poškodovane nosečnice:</p> <ul style="list-style-type: none"> • Preventiva poškodb pri nosečnici • Sindrom vene cave • Abrupcija placente <p>Oskrba poškodovanega starostnika:</p> <ul style="list-style-type: none"> • Predstavitev patofizioloških sprememb pri starostniku v povezavi z oskrbo poškodb. <p>Kabinetne vaje (delavnice v obliki scenarijev):</p> <ol style="list-style-type: none"> 1. Oskrba poškodovanega motorista. 2. Oskrba pacienta s tenzijskim pnevmotoraksom. 3. Oskrba pacienta s poškodbo glave. 4. Oskrba pacienta s hemoragičnim šokom. 5. Oskrba poškodovanega otroka v prometni nesreči. 	<ul style="list-style-type: none"> • Care of the patient with head and brain damage. • Care of the patient with spinal injury. • Care of the patient with abdominal injury. • Care of the patient with limb injury. • Care of the patient with burns. • Cardiac arrest due to an injury. <p>Care of an injured child:</p> <ul style="list-style-type: none"> • Presentation of colour tape for quick selection of equipment, procedures and doses of medication according to the size of the child. • ABCDE approach to an injured child. • Immobilization of an injured child. <p>Care for an injured pregnant woman:</p> <ul style="list-style-type: none"> • Prevention of injuries in pregnant women • Vena Cava syndrome • Placental abruption <p>Care for the injured older adult:</p> <ul style="list-style-type: none"> • Presentation of pathophysiological changes in older people in relation to injury care. <p>Cabinet exercises (classes in the form of scenarios):</p> <ol style="list-style-type: none"> 1. Care for an injured motorcyclist. 2. Care of the patient with tension pneumothorax. 3. Care of the patient with a head injury. 4. Care of the patient with hemorrhagic shock. 5. Care of an injured child in a car accident.
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Temeljna literatura in viri/Readings:

<ol style="list-style-type: none"> 1. Campbell, C. (2014). International trauma life support for emergency care providers. Edinburg: Pearson. 2. Gradišek, P. idr. (2015). Smernice za oživljanje 2015. Ljubljana: Slovensko združenje za urgentno medicino. Pridobljeno 9. 12. 2016 s http://www.szum.si/media/uploads/files/ERC_2015_slo-1.pdf. 3. Pravilnik o službi nujne medicinske pomoči. (2015). Uradni list RS, št. 81 (30.10.2015). Pridobljeno 9.12.2016 s https://www.uradni-list.si/1/content?id=123617.

Cilji in kompetence:

- obvladovanje temeljnega znanja, sposobnost povezovanja znanja z različnih področij na katerih temelji zdravstvena nega življenjsko ogroženega bolnika v zunajbolnišničnem okolju,
- usposobljenost za avtonomno, holistično, tolerantno, skrbno in občutljivo obravnavo življenjsko ogroženega pacienta brez izrekanja sodb ob zagotavljanju/varovanju pravic, zaupanja in želja,
- usposobljenost za izvajanje nujne medicinske pomoči,
- razvoj veščin in spretnosti pri uporabi znanja na strokovnem področju NMP,
- usposobljenost za vodenje, organizacijo in kooperativno timsko delo,
- usposobljenost za spoštovanje moralnih in etičnih načel ter zakonskih določil pri delu v ekipi NMP,
- sposobnost spoštovati pacientovo dostojanstvo, zasebnost in zaupnost podatkov,
- usposobljenost za komunikacijo z pacienti, družino in specialisti v zunajbolnišničnem okolju,
- spoznanje, da je cilj dobro počutje in kakovost življenja pacienta lažje dosegljiv v kombinaciji prizadevanj medpoklicnega sodelovanja različnih izvajalcev,
- usposobljenost za učinkovito komuniciranje in konstruktivno sodelovanje v razpravi,
- usposobljenost za povezovanje znanja in izkušenj ter njihovo apliciranje v načrtovanje, izvajanje in vrednotenje celovite zdravstvene oskrbe pacienta,
- usvojitev znanja s področja nujne medicinske pomoči in zmožnost apliciranja teoretičnega znanja v klinično okolje.
- usposobljenost za ustrezno zdravstveno obravnavo vseh prebivalcev, ki živijo v Sloveniji,

Objectives and competences:

- mastering the basic knowledge, the ability to integrate knowledge from the various fields on which the health care of a life-threatened patient is based in the prehospital environment,
- being qualified for autonomous, holistic, tolerant, careful and sensitive treatment of a life-threatened patient without passing judgment while ensuring / safeguarding rights, trust and wishes,
- being qualified to perform emergency medical aid (EMA),
- development of skills and competences in the use of knowledge in the EMA field of expertise,
- being qualified to lead, organize and for cooperative teamwork,
- being qualified to adhere to moral, ethical principles and legal requirements when working in the EMA team,
- the ability to respect the patient's dignity, privacy and confidentiality of data,
- being qualified to communicate with patients, family and specialists in the prehospital environment,
- recognizing that the goal of the patient's well-being and quality of life is more easily achieved through a combination of interprofessional collaboration efforts by different providers,
- being qualified for effective communication and constructive participation in the debate,
- being qualified to integrate knowledge and experience and apply it to the planning, implementation and evaluation of comprehensive patient care,
- acquiring knowledge in the field of emergency medical aid and the ability to apply theoretical knowledge to the clinical setting.
- being qualified for adequate medical treatment of all people living in Slovenia,

<ul style="list-style-type: none"> • razvoj zdravstvenega strokovnjaka, ki ga odlikujejo osebna in strokovna zrelost ter visok nivo kulturne kompetentnosti za nudenje ustrezne pomoči posamezniku v stiski, ne glede na status zavarovanca, barvo kože, narodnost, politično, versko ali kakršnokoli drugo prepričanje. 	<ul style="list-style-type: none"> • development of a healthcare professional characterized by personal and professional maturity and a high level of cultural competence to provide appropriate assistance to the individual in need, regardless of the status of the insured, skin colour, nationality, political, religious or any other belief.
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Predvideni študijski rezultati:

Študent/študentka:

- pozna pomembnejša nujna travmatološka stanja odraslih, otrok, starostnikov in nosečnic.
- pozna osebna varovalna in zaščitna sredstva pri delu.
- pozna predpisano dokumentacijo v NMP.
- se seznanj z začetno oceno mesta dogodka nesreče.
- se seznanj z uporabo algoritmov za hitri travmatološki pregled.
- se seznanj z uporabo algoritmov za usmerjeni travmatološki pregled.
- se seznanj z vlogo medicinske sestre pri oskrbi nujnih travmatoloških stanj.
- zaveda se pomena sodelovanja in vloge medicinske sestre v interdisciplinarnem timu.
- pridobi poglobljeno teoretično znanje, ki se zahteva na mednarodno priznanem tečaju ITLS v skladu z določili Pravilnika o službi nujne medicinske pomoči.
- kompetentno sodeluje pri oskrbi politravmatiziranega pacienta.
- kompetentno sodeluje pri izvajanju razbremenitve tenzijskega pnevmotoraksa.
- kompetentno sodeluje pri izvajanju hitre sekvenčne intubacije (RSI).
- kompetentno sodeluje pri izvajanju tehničnega reševanja.
- strokovno in varno izvede odstranitev čelade pri poškodovanem motoristu.
- strokovno in varno izvede imobilizacijo ekstremitet in celega telesa s pomočjo

Intended learning outcomes:

Students:

- know the major urgent traumatological conditions of adults, children, older people and pregnant women.
- know personal protective and protective equipment at work.
- know the required documentation in the EMA.
- take note of the initial assessment of the scene of the accident.
- become familiar with the use of algorithms for rapid trauma examination.
- become familiar with the use of algorithms for targeted traumatology.
- become familiar with the role of the nurse in treating emergency traumatology.
- are aware of the importance of collaboration and the role of the nurse in the interdisciplinary team.
- acquire in-depth theoretical knowledge required in an internationally recognized ITLS course in accordance with the provisions of the Emergency Medical Services Regulation.
- competently participate in the care of a politraumatized patient.
- competently participate in the implementation of tension pneumothorax relief.
- competently participate in performing rapid sequential intubation (RSI).
- competently participate in the implementation of technical rescue.
- perform a professional and safe removal of the helmet in case of a damaged motorcyclist.

<p>sodobnih pripomočkov za imobilizacijo v zunajbolnišničnem okolju.</p> <ul style="list-style-type: none"> • Strokovno in varno izvede oskrbo opeklin s pomočjo sodobnih pripomočkov v zunajbolnišničnem okolju. • strokovno in varno izvede zaustavljanje krvavitvev z različnimi metodami in pripomočki. • strokovno in varno izvaja oskrbo ran. • uporablja osebna varovalna in zaščitna sredstva. • pravilno izpolni predpisano dokumentacijo v NMP. 	<ul style="list-style-type: none"> • professionally and safely perform immobilization of the extremities and the entire body with the help of modern immobilization devices in the prehospital environment. • professionally and safely perform the care of burns with the help of modern facilities in the prehospital environment. • professionally and safely perform bleeding arrests using various methods and aids. • professionally and safely perform wound care. • use personal protective equipment. • correctly complete the required documentation in EMA.
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Metode poučevanja in učenja:

Learning and teaching methods:

<ul style="list-style-type: none"> • Predavanja z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, klinični primeri in njihovo reševanje). • Delavnice v obliki scenarijev: oskrba življenjsko ogroženega pacienta z izdelavo poročila v obliki študije primera. 	<ul style="list-style-type: none"> • Lectures with active student participation (explanation, discussion, questions, clinical cases and their resolution). • Classes in the form of scenarios: care for a life-threatened patient by producing a case study report.
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Načini ocenjevanja:

Delež (v %)

Weight (v %)

Assessment:

<p>Načini</p> <ul style="list-style-type: none"> • izpit • kolokvij iz vaj <p>Ocenjevalna lestvica ECTS</p>	<p>80 %</p> <p>20 %</p>	<p>Types:</p> <ul style="list-style-type: none"> • exam • preliminary exam based on laboratory (cabinet) work <p>Grading scheme ECTS</p>
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