



UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta:	Nastanek in vrste bolečine ter primerna obravnava bolnika z bolečino
Course title:	Beginning and the types of pain and appropriate management of the patient with pain

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
Splošna medicina, enovit magistrski študijski program		Četrty, peti, šesti	7., 9., 11.
General medicine, Uniform master's degree study program		Fourth, fifth, sixth	7th, 9th, 11th

Vrsta predmeta (obvezni ali izbirni) /
Course type (compulsory or elective)

izbirni

elective

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
5	40	AV LV RV			45	3

Nosilec predmeta / Course coordinator:

Doc. dr. Nevenka Krčevski Škvarč

Jeziki /Languages:

Predavanja / Lectures: slovenski/slovene

Vaje / Tutorial: slovenski/slovene

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

Prerequisites for enrolling in the course or for performing study obligations:

Vsebina (kratek pregled učnega načrta):

1. Uvod: fiziologija in psihologija bolečine, anamneza in pregled
2. Akutna bolečina
3. Bolečina zaradi raka
4. Nevropatska bolečina
5. Razvoj kronične bolečine
6. Specifični bolečinski sindromi

Content (syllabus outline):

1. Introduction: physiology and psychology of pain, history and examination
2. Acute pain
3. Cancer pain
4. Neuropathic pain
5. Development of pain chronicity
6. Specific pain syndromes

Temeljni literatura in viri / Reading materials:

Osnovna literatura:

Ballantine JC, Fishman SM, Rathmell JP. Bonica's management of pain. LWW: Philadelphia 2018

Gold MS, Pogatzki-Zahn EM, Wallace MS. Pain 2018: Refresher courses, 17th World Congress on Pain. Boston :IASP Press 2018

Goebel A et al. Standards for diagnosis and management of complex regional pain syndrome.

Eur J Pain :2019;23(4):641-51. <https://onlinelibrary.wiley.com/doi/10.1002/ejp.1362>

Hauser W et al. European clinical practice recommendations on opioids for chronic noncancer pain- part 1. Eur J Pain 2021;25(5):949-968. <https://doi.org/10.1002/ejp.1736>

Krčevski Škvarč N et al. European clinical practice recommendations on opioids for chronic noncancer pain- part 2.

Eur J Pain 2021;25(5):969-985. <https://doi.org/10.1002/ejp.1744>

Bennet et al. Standards for the management of cancer-related pain across Europe- a position paper from the EFIC Task Force on Cancer. Eur J Pain 2019;23(4):660-668. <https://onlinelibrary.wiley.com/doi/full/10.1002/ejp1346>

PS41/G) Position statement on acute pain management 2022. <https://www.anza.edu.au/getattachment/558316c5-ea93-457c-b51f-d57556b0ffa7/PS41-guideline-on-acute-pain-management>

Cilji in kompetence:

Cilji:

Pridobiti osnovno znanje in veščine za diagnosticiranje in zdravljenje bolečine na izčrpen in jasen način.

Kompetence:

Študent bo sposoben opraviti pregled bolnika z bolečino in jo opredeliti po vzroku, patofiziologiji, lokalizaciji in trajanju. Študent bo lahko ocenil bolečino, razumel njen vpliv na kakovost življenja bolnika in bo sposoben oceniti kateri načini zdravljenja so primerni za določeno bolečino.

Objectives and competences:

Objectives:

The students will acquire basic knowledge and core skills for diagnosis and treatment of pain in a comprehensive and coherent fashion.

Competences:

student will be able to perform the examination of patient with pain and to identify pain causes, pathophysiology, localization and duration. Student will be able to measure pain and its implications for the patients' quality of life and will be able to assess the appropriate pain management for the certain pain.

Predvideni študijski rezultati:

Znanje in razumevanje:

- Primarno bodo študenti:

-sposobni pri bolniku ugotoviti in oceniti bolečino

-razumeti bolnikovo bolečino iz vseh vidikov kakovosti življenja,

-uporabiti metode analgezije za doseganje učinkovite kontrole bolečine, klasificirati metode izbirnega zdravljenja po stopnjevalni shemi

-sposobni oceniti učinkovitost določene obravnave bolečine

-prepoznati indikacije in uporabiti primerno psihoterapevtsko zdravljenje

- Delno bodo študenti usposobljeni za prepoznavanje in osnovno specifično obravnavo:

-akutne bolečine po poškodbi in operaciji

Intended learning outcomes:

Knowledge and understanding:

- Primarily, students should:

-be able to identify patients with pain and measure pain

-learn to understand a patient's pain and all its implications for the patient's quality of life

-know and apply the methods of analgesia which offer effective pain control for the majority of patients, and to classify those methods in a graded scheme

-be able to evaluate the effectiveness of a particular pain management

-know and be able to apply the indications for appropriate psychotherapeutic treatment for pain

- In particular, student should be able to differentiate between and to know the basic principles of specific treatment of main syndromes:

Metode poučevanja in učenja: • Predavanja • Klinični primeri • Seminarji	Learning and teaching methods: • Lectures • Clinical cases • Seminars
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Reference nosilca / Course coordinator's references:

- Winfried Hauser, Bart Morlion, Kevin E Volwes, Kristy Bannister, Eric Buchser, Roberto Casale, Jean-Francois Chenot, Gillian Chumbley, Asbjorn Mohr Drewes, Geert Dom, Lisa Jutila, Tony O'Brien, Ester Pogatzki-Zahn, Martin Rakusa, Cramen Suarez-Serrano, Thomas Tolle, Nevenka Krčevski Škvarč. European clinical practice recommendations on opioids for chronic noncancer pain – Part 1: Role of opioids in the management of chronic noncancer pain. Eur J Pain 2021; 25(5):949-968
- Nevenka Krčevski Škvarč, Bart Morlion, Kevin E Volwes, Kristy Bannister, Eric Buchser, Roberto Casale, Jean-Francois Chenot, Gillian Chumbley, Asbjorn Mohr Drewes, Geert Dom, Lisa Jutila, Tony O'Brien, Ester Pogatzki-Zahn, Martin Rakusa, Cramen Suarez-Serrano, Thomas Tolle, Winfried Hauser. European clinical practice recommendations on opioids for chronic noncancer pain – Part 2: Special situations. Eur J Pain 2021; 25(5):969-85.
- Bennet M, Eisenberg E, Ahmedzai SH, Bhaskar A, O'Brien T, Mercandante S, Krčevski Škvarč N, Vissers K, Wirz S, Wells C, Morlion B. Standards for the management of cancer-related pain across Europe_ a position paper from the EFIC Task Force on cancer pain. Eur J Pain 2019; 23:660-68.
- Krceviski Skvarc N, Availability and approval of cannabis-based medicines for chronic pain management and palliative/supportive care in Europe: a survey of the status in the chapters of the European Pain Federation. Eur J Pain 2018;22:440-54.
- Häuser W, Finn DP, Kalso E, Krceviski-Skvarc N, Kress H, Morlion B, Perrot S, Schäfer M, Wells C, Brill S. European Pain Federation position paper on appropriate use of cannabis-based medicines and medical cannabis for chronic pain management. Eur J Pain 2018;22:1547-64.