



Medicinska fakulteta

UČNI NAČRT PREDMETA / SUBJECT SPECIFICATION

Predmet:	Rehabilitacija v dentalni medicini
Subject Title:	Rehabilitation in Dental Medicine

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
Dentalna medicina/Dental Medicine 2. stopnja/2nd cycle		5	10

Vrsta predmeta / Course type	Obvezni/ Compulsory
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Univerzitetna koda predmeta / University subject code:	
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Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
15	15		15		45	3

Nosilec predmeta / Lecturer:	Prof. dr. Zmago Turk
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Jeziki / Languages:	Predavanja / Lecture:	slovenščina/slovene
	Vaje / Tutorial:	slovenščina/slovene

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

Študent se seznani s strokovnim področjem fizikalne in rehabilitacijske medicine, spozna pravila transdisciplinarnega timskega dela v rehabilitaciji in podrobneje vloge posameznih strokovnjakov. Spozna pojme okvara, prizadetost in oviranost ter rehabilitacijske postopke za zmanjševanje posledic bolezni in poškodb na različnih področjih – medicinska, profesionalna, edukacijska, socialna rehabilitacija. S področja fizikalne medicine so predstavljene metode fizikalne terapije, ki se uporablja v stomatološki praksi.

Na področju rehabilitacije so predstavljeni programi za obravnavo bolnikov z najpogostejšimi zdravstvenimi težavami na obrazu, mišicah in kosteh čeljustnih sklepov in sinusov ter živčnih bolezni na glavi in obrazu in rehabilitacijski postopki v dentalni medicini. Študenti spoznajo pomen protibolečinske terapije pri dentalnih boleznih. Seznanijo se s principom strokovnega, z dokazi podprtega in racionalnega predpisa metod fizikalne terapije v dentalni medicini.

Podana je organizirana shema vključevanja fizikalne

Content (Syllabus outline):

The student get acquainted with the professional aspect of physical and rehabilitation medicine, learns the rules of transdisciplinary team work in rehabilitation and learns in details the role of individual experts. The students get acquainted with the terms impairment, disability and handicap as well rehabilitation procedures for decreasing the consequences of diseases and injuries in different settings – medical, professional, educational, social rehabilitation. The student receives the basic information from physical therapy used in dental medicine.

In the field of rehabilitation, programs are presented for the treatment of patients with the most common health problems on the face, muscles and bones of jaw joints and sinuses, and nervous diseases on the head and face and rehabilitation procedures in dental medicine. Students learn about the importance of pain therapy in dental diseases. They acquaint themselves with the principle of professional, evidence-based and rational regulation of methods of physical therapy in dental medicine.

medicine in rehabilitacije v procesu dentalnih postopkov.

Provided is an organized scheme for the integration of physical medicine and rehabilitation in the process of dental procedures.

Temeljni literatura in viri / Textbooks:

1. Fizikalna in rehabilitacijska medicina – Univerza v Mariboru, visoka zdravstvena šola 2002.
2. Štefančič M in sod. Osnove fizikalne medicine in rehabilitacije gibalnega sistema. DZS Ljubljana; 2003.
3. Susan J. Garrison. Handbook of Physical Medicine and Rehabilitation Basics (Lippincott Williams & Wilkins Handbook Series), May 13, 2003.

Dodatni viri:

1. Specialna fizikalna medicina, Ivo Jajić, Školjska knjiga Zagreb; 2000.
2. Kottke, Krusen, Handbook of physical rehabilitation. Saunders, 1990.
3. DeLisa JA, Gans BM, eds. Rehabilitation medicine. Principles and practice. Third edition. Philadelphia: Lippincott-Raven, 1998.
4. Wade D. ed. Measurement in neurological rehabilitation. New York:Oxford Medical Publications, 1992.
5. Smrkolj V, Komadina R: Gerontološka travmatologija, Celje 2004
6. Holm-Pedesen P, Walls AWG, Ship JA. Textbook of Geriatric Dentistry, 3rd Edition
7. Friedman PK. Geriatric Dentistry. Caring for our Aging Population
8. Frontera WR, Silver JK. Essentials of Physical Medicine and Rehabilitation. Hanley&Belfus. Inc. Philadelphia Humana Press Inc. 2006
9. Travell JG, Simons DG. Myofascial Pain and Dysfunction. Lippincott Williams & Wilkins, 1999.
10. Basbaum A, Bushnell C. Science of Pain. Elsevier Science, 2008.

Cilji:

Prikazati študentu osnovne informacije stroke Medicinka rehabilitacija kot neposredni del timskega zdravljenja. Informirati ga o metodah fizikalne terapije kot terapevtski program za posamezne bolezni in poškodbe v dentalni medicini. Študenti se seznanijo s specifičnimi fizikalnimi in rehabilitacijskimi postopki pri starostnikih, seznanijo se z kinezioterapevtskimi postopki v procesu stomatološke rehabilitacije in vključitvijo fizikalnega zdravljenja pri bolečinskih sindromih v stomatologiji. Seznanijo se z vnetnimi sistemskimi boleznimi, ki se prezentirajo na čeljustnih sklepih.

Objectives:

Presentation of the basic professional information about the Medical rehabilitation as a direct part of integrated healing. Aim of the course is to inform the student about the methods of physical therapy, therapeutic program for certain diseases and injuries in dental medicine. Students learn about specific physical and rehabilitation procedures in the elderly, get acquainted with kinesiotherapeutic procedures in the process of dental rehabilitation and the inclusion of physical therapy in pain dementia syndromes. They learn about inflammatory and rheumatic diseases that are presented on jaw joints and dental disease.

Predvideni študijski rezultati:

Znanje in razumevanje:

Praktično znanje fizioterapevtskega tretmana in poznavanje najpogostejših patoloških stanj, ki potrebujejo rehabilitacijsko in fiziatrično obravnavo. Prenesljive ključne spretnosti in drugi atributi: Spretnost v prepoznavanju funkcionalnih motenj, ki jih rehabilitacija lahko izboljša. Razumevanje poteka in vloge fizikalne medicine in rehabilitacije po končani stomatološki oskrbi. Poznavanje tehničnih možnosti za nadomeščanje prizadetih funkcij.

Intended learning outcomes:

Knowledge and Understanding of rehabilitation.

Practical knowledge on physiotherapy treatment and most often pathologic conditions in need of rehabilitation treatment and physiotherapy.

Transferable/Key Skills and other attributes:

Recognition of main functional disorders, which could be improved by rehabilitation.

Understanding of the course and role of the rehabilitation in patient's returning into normal life.

Knowledge about technical possibilities of replacement of affected functions.

Metode poučevanja in učenja:

Predavanja

Seminarji

Klinične vaje

Learning and teaching methods:

Lectures

Seminars

Clinical training

Načini ocenjevanja:

Delež (v %) /
Weight (in %)

Assessment:

<p>Način (pisni izpit, ustno izpraševanje, naloge, projekt) Seminarsko delo Pisni izpit</p> <p>ŠTUDIJSKE OBVEZNOSTI ŠTUDENTOV: Vsaj 50 % prisotnost na predavanjih, aktivna priprava in predstavitev seminarskega dela, aktivno sodelovanje na vajah, vsaj 80 % prisotnost na vajah in seminarjih.</p> <p>POGOJI ZA PRISTOP K POSAMEZNEMU PREVERJANJU ZNANJA: Opravljene študijske obveznosti.</p>	<p>20 %</p> <p>80 %</p>	<p>Type (examination, oral, coursework, project):</p> <p>Seminar Written exam</p> <p>ACADEMIC OBLIGATIONS OF STUDENTS: At least 50% attendance at lectures, active preparation and presentation of a coursework assignment, active cooperation in practice, at least 80% attendance at practice and coursework.</p> <p>REQUIREMENTS FOR ACCESS TO INDIVIDUAL KNOWLEDGE CHECKING Completed academic obligations.</p>
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Reference nosilca / Lecturer's references:

ČELAN, Dušan, TURK, Zmago, PALFY, Miroslav, JESENŠEK PAPEŽ, Breda. Anthropometric indexes and sagittal spine curves in postmenopausal women with different bone mineral density. HealthMed, ISSN 1840-2291, 2010, vol. 4, no. 4, str. 705-714. [COBISS.SI-ID 3840575], [JCR, WoS do 24. 10. 2014: št. citatov (TC): 1, čistih citatov (CI): 1, Scopus do 15. 10. 2014: št. citatov (TC): 1, čistih citatov (CI): 1]

ČELAN, Dušan, PALFY, Miroslav, BRAČUN, Drago, TURK, Zmago, MOŽINA, Janez, KOMADINA, Radko. Measurement of spinal sagittal curvatures using the laser triangulation method. Collegium antropologicum, ISSN 0350-6134, 2012, vol. 36, no. 1, str. 179-186.
[http://www.collantropol.hr/_doc/Coll.%20Antropol.%2036%20\(2012\)%201:%20179%E2%80%93186.pdf](http://www.collantropol.hr/_doc/Coll.%20Antropol.%2036%20(2012)%201:%20179%E2%80%93186.pdf). [COBISS.SI-ID 4215871], [JCR, SNIP, WoS do 24. 9. 2017: št. citatov (TC): 5, čistih citatov (CI): 3, Scopus do 31. 8. 2017: št. citatov (TC): 6, čistih citatov (CI): 4]

JESENŠEK PAPEŽ, Breda, PALFY, Miroslav, MERTIK, Matej, TURK, Zmago. Infrared thermography based on artificial intelligence as a screening method for carpal tunnel syndrome diagnosis. Journal of international medical research, ISSN 0300-0605, 2009, vol. 37, no. 3, str. 779-790. [COBISS.SI-ID 3334719], [JCR, SNIP, WoS do 21. 5. 2017: št. citatov (TC): 3, čistih citatov (CI): 3, Scopus do 22. 6. 2017: št. citatov (TC): 9, čistih citatov (CI): 9]

LONZARIĆ, Dragan, JESENŠEK PAPEŽ, Breda, VOGRIN, Matjaž, TURK, Zmago. Efficacy of local Pohorje peat compress in patients with knee osteoarthritis: results from a sham-controlled trial = Klinische Wirksamkeit lokaler Moorkompressen aus dem Pohorje-Gebirge bei Patienten mit Kniearthrose: Ergebnisse einer Sham-kontrollierten Studie. Physikalische Medizin Rehabilitationsmedizin Kurortmedizin, ISSN 0940-6689, Aug. 2009, jg. 19, hft. 4, str. 213-217, doi: 10.1055/s-0029-1220716. [COBISS.SI-ID 3383615], [JCR, SNIP, WoS do 24. 11. 2010: št. citatov (TC): 0, čistih citatov (CI): 0, Scopus do 18. 1. 2011: št. citatov (TC): 0, čistih citatov (CI): 0]

BAROVIČ, Jože, TURK, Zmago, LONZARIĆ, Dragan, JESENŠEK PAPEŽ, Breda, ČELAN, Dušan, TOMINC, Stanko. Biološki utjecaj prestrukturirane vode na ateromatозne promjene na karotidnim žilama = Biological influence of restructured water on atheromatous changes of carotid vessels. V: IVANIŠEVIĆ, Goran (ur.). Zdravlje - kvaliteta života : knjiga izlaganja na znanstvenom skupu, Veli Lošinj, 8. - 10. rujna 2006. Zagreb: Akademija medicinskih znanosti Hrvatske, Odbor za zdravstveni turizam i prirodne ljekovite činitelje. cop. 2006, str. 88-96. [COBISS.SI-ID 2386751]