

**UČNI NAČRT PREDMETA / SUBJECT SPECIFICATION**

Predmet:	Patologija II. (sistematična patologija)
Subject Title:	Pathology II (systematic pathology)

Študijski program Study programme	Študijska smer Study field	Letnik Year	Semester Semester
Splošna medicina General medicine - EMŠP		4	8

Univerzitetna koda predmeta / University subject code:

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	klin. vaje clin work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
30	45		45		120	8

Nosilec predmeta / Lecturer:

Red. prof. dr. Rastko Golouh

Jeziki /

Predavanja / Lecture:

Slovenski/slovene

Languages:

Vaje / Tutorial:

Slovenski/slovene

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

Prerequisites:

Vsebina:

Kardiovaskularni sistem
Respiratorni sistem
Digestivni sistem
Jetra, biliarni sistem in eksokrini pankreas
Endokrini sistem
Dojka
Ženski genitalni sistem
Moški genitalni sistem
Ledvice in urinarni trakt
Bezgavke, timus in vranica
Kri in kostni mozeg
Koža
Osteoartikularna in mehka tkiva
Centralni in periferni živčni sistem

Content (Syllabus outline):

Cardiovascular system
Respiratory tract
Alimentary system
Liver, biliary system and exocrine pancreas
Endocrine system
Breast
Female genital tract
Male genital tract
Kidneys and urinary tract
Lymph nodes, thymus and spleen
Blood and bone marrow
Skin
Osteoarticular and connective tissues
Central and peripheral nervous systems

Temeljni literatura in viri / Textbooks:

- JCW Underwood. General and systematic pathology. Fourth ed. Churchill Livingstone 2004
- Robbins and Cotran. Pathologic basis of disease. Seventh ed. Elsevier Saunders 2005
- Ivan Damjanov. Pathology secrets. Second ed. Elsevier Mosby 2005
- Patologija. Izbrana poglavja iz patologije z navodili za vaje. (A Cerar, B Luzar, T Rott, N Zidar) 3. izdaja, 2006
- Rosai and Ackerman's Surgical Pathology. Ninth ed. Mosby 2004

Cilji:

Analiza specifičnih bolezni po organskih sistemih.

Objectives:

Analysis of specific diseases according to organ systems.

Predvideni študijski rezultati:

Znanje in razumevanje:
Razumevanje bazičnih principov v različnih pogojih organizma.

Prenesljive/ključne spretnosti in drugi atributi:
Rezultati študija so pomembni predvsem za varno in uspešno izvajanje zdravljenja.

Intended learning outcomes:

Knowledge and Understanding:
Understanding of differences of basic principles in different settings

Transferable/Key Skills and other attributes:
Results of the study are oriented primarily towards the practising medicine safely and effectively.

Metode poučevanja in učenja:

Predavanja
Histopatološke vaje s klinično-patološkimi primeri

Learning and teaching methods:

Lectures
Histopathology course with clinico-pathologic cases

Načini ocenjevanja:

Delež (v %) /
Weight (in %)

Assessment:

Način (pisni izpit, ustno izpraševanje, naloge, projekt)

Izpit - testi proste izbire (Opravljene vaje so pogoj za pristop k izpitu)

ŠTUDIJSKE OBVEZNOSTI ŠTUDENTOV:
Obvezna 50 % udeležba na predavanjih
Obvezna priprava predhodnih seminarjev za vaje in prisotnost na vajah z diskusijo klinično-patoloških primerov

POGOJI ZA PRISTOP K POSAMEZNEMU PREVERJANJU ZNANJA:
Opravljene seminarji in vaje – 44 klinično-patoloških primerov

100 %

Type (examination, oral, coursework, project):

Examination – multiple choice questionnaire
(Completed lab work is condition for approach to exam)

ACADEMIC OBLIGATIONS OF STUDENTS:
Obligatory 50% attendance at lectures
Obligatory preparation of preceding coursework assignments for laboratory practice and attendance at laboratory practice with a discussion of clinically-pathological cases

REQUIREMENTS FOR ACCESS TO INDIVIDUAL KNOWLEDGE CHECKING:
Completed coursework and laboratory practice – 44 clinically-pathological cases

Reference nosilca / Lecturer's references:

VIALE, Giuseppe, GOLOUH, Rastko, LINDTNER, Jurij, ERŽEN, Darja, MAJDIČ, Elga, ŠTABUC, Borut, PLESNIČAR, Andrej, LAMOVEC, Janez, JANČAR, Janez, VRHOVEC, Ivan, KRAMBERGER, Marta, et al. Adverse prognostic value of peritumoral vascular invasion : is it abrogated by adequate endocrine adjuvant therapy? Results from two International Breast Cancer Study Group randomized trials of chemoendocrine adjuvant therapy for early breast cancer. Annals of oncology, ISSN 0923-7534, Feb. 2010, vol. 21, issue 2, str. 245-254, doi: 10.1093/annonc/mdp317. [COBISS.SI-ID 516211737], [JCR, SNIP, WoS do 31. 12. 2013: št. citatov (TC): 7, čistih citatov (CI): 7, normirano št. čistih citatov (NC): 2, Scopus do 19. 12. 2013: št. citatov (TC): 8, čistih citatov (CI): 8, normirano št. čistih citatov (NC): 2]

THÜRLIMANN, Beat, PRICE, Karen, GELBER, Richard D., LINDTNER, Jurij, ERŽEN, Darja, ČUFER, Tanja, ČERVEK, Jožica, CERAR, Olga, ZAKOTNIK, Branko, MAJDIČ, Elga, GOLOUH, Rastko, LAMOVEC, Janez, JANČAR, Janez, VRHOVEC, Ivan, KRAMBERGER, Marta, et al. Is chemotherapy necessary for premenopausal women with lower-risk node-positive, endocrine responsive breast cancer? 10-year update of International Breast Cancer Study Group Trial 11-93. Breast cancer research and treatment, ISSN 1573-7217, 2009, letn. 113, št. 1, str. 137-144, doi: 10.1007/s10549-008-9912-9. [COBISS.SI-ID 25795801], [SNIP, WoS do 18. 11. 2013: št. citatov (TC): 24, čistih citatov (CI): 24, normirano št. čistih citatov (NC): 24, Scopus do 24. 9. 2013: št. citatov (TC): 28, čistih citatov (CI): 28, normirano št. čistih citatov (NC): 28]

ZHANG, Yi, ČUFER, Tanja, GOLOUH, Rastko, et al. The 76-gene signature defines high-risk patients that benefit from adjuvant tamoxifen therapy. Breast cancer research and treatment, ISSN 1573-7217, 2009, vol. 116, no. 2, str. 303-309, doi: 10.1007/s10549-008-0183-2. [COBISS.SI-ID 25816537], [SNIP, WoS do 2. 12. 2013: št. citatov (TC): 33, čistih citatov (CI): 33, normirano št. čistih citatov (NC): 33, Scopus do 3. 12. 2013: št. citatov (TC): 46, čistih citatov (CI): 46, normirano št. čistih citatov (NC): 46]

KAVALAR, Rajko, POHAR-MARINŠEK, Živa, JEREB, Berta, ČAGRAN, Branka, GOLOUH, Rastko. Prognostic value of immunohistochemistry in the Ewing's sarcoma family of tumors. *Medical Science Monitor*, ISSN 1234-1010, 2009, vol. 15, no. 8, str. CR442-CR452. [COBISS.SI-ID 3370303], [JCR, SNIP, WoS do 25. 6. 2013: št. citatov (TC): 3, čistih citatov (CI): 3, normirano št. čistih citatov (NC): 1, Scopus do 29. 5. 2013: št. citatov (TC): 6, čistih citatov (CI): 6, normirano št. čistih citatov (NC): 2]

PLANINC, Ana, REPŠE-FOKTER, Alenka, GOLOUH, Rastko. Sledenje žensk z atipičnimi žleznimi celicami v brisih materničnega vratu = Follow-up of females with atypical glandular cells on Pap smears. *Acta medico-biotechnica*, ISSN 1855-5640, 2012, vol. 5, [no.] 2, str. 33-39, ilustr. [COBISS.SI-ID 512239416]