



Univerza v Mariboru
University of Maribor

Medicinska fakulteta UM
Faculty of Medicine UM



Predmet:	Izbrana poglavja iz dermatološke onkologije
Subject Title:	Chosen chapters on dermatooncology

Študijski program Study programme	Študijska smer Study field	Letnik Year	Semester Semester
Biomedicinska tehnologija Biomedicine technology		2	3 ali 4

Univerzitetna koda predmeta / University subject code:

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Labor work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
15	30				105	5

Nosilec predmeta / Lecturer: Prof. dr. J. Miljković

Jeziki / Predavanja / Lecture: Slovenski/Slovene
Languages: Vaje / Tutorial: Slovenski/Slovene

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

Prerequisites:

Vsebina:

Študentje se bodo poglobljeno naučili klinične diagnostike benignih in malignih tumorjev kože. Spoznali bodo metode dermoskopije in se usposobili za samostojno diagnostiko pigmentnih tumorjev kože, vključno z zgodnjo diagnostiko melanoma. Osvojili bodo osnovna znanja dermatohistopatologije in bodo sposobni samostojno diagnosticirati pigmentna znamenja in epitelne maligne tumorje kože. Naučili se bodo diagnosticirati in zdraviti prekanceroze kože. Spoznali bodo osnove terapevtske metode v zdravljenju benignih in malignih kožnih tumorjev. Spoznali bodo sodobne diagnostične in terapevtske možnosti v obravnavi kožnih T-celičnih limfomov.

Content (Syllabus outline):

Students will learn clinical diagnostic methods of recognition of benign and malign tumors of the skin. They will be able to use modern noninvasive diagnostic method of dermoscopy in diagnostics of pigmented tumors of the skin including early recognition of malignant melanoma. In addition they are going to learn the principles of histopathology of the skin and will be able to distinguish between different naevi and malignant epithelial tumors. Students will learn about diagnostics and treatment of precancerous skin lesions. Modern treatment techniques in dermatooncology will be shown. Diagnostic and treatment of skin T-cell lymphomas will be shown.

Temeljni literatura in viri / Textbooks:

1. Braun-Falco O et al. Dermatology, 3rd ed., Springer 2005
2. Rook's Textbook of dermatology, 7th ed. Blackwell Publishing company 2004
3. MacKie RM. Skin Cancer. 2nd ed. London: Martin Dunitz Ltd, 1996.
4. Argenziano G, Soyer HP, De Giorgi V, Piccolo D. Dermoscopy a tutorial. Milano: Edra, 2000
5. Guido Massi and Philip E. Leboit. Springer 2004 Histological Diagnosis of Nevi and Melanoma, Springer 2004
6. Philip H McKee, Eduardo Calonje and Scott R Granter. Pathology of the skin, Elsevier Mosby 2006

Cilji:

1. Razumevanje osnovnih in praktičnih načel diagnostike in zdravljenja kožnih tumorjev.
2. Pridobiti ustrezna znanja in veščine za samostojno obravnavo dermatoonkološkega pacienta
3. Pridobiti znanja potrebna za znanstvenoraziskovalno delo na področju dermatološke onkologije.

Objectives:

1. Understanding of the principles in recognition and treatment modalities in different skin tumors.
2. Getting sufficient knowledge for manage patient with malignant skin diseases.
3. Improving knowledge in dermatooncology to be able to scientific work on the field of skin tumors.

Predvideni študijski rezultati:

Znanje in razumevanje sodobne diagnostike in zdravljenja malignih tumorjev kože, prekancerov kože in diagnostika benignih kožnih novotvorb.

- klinična diagnoza
- dermoskopska diagnoza
- osnove dermatopatološke diagnostike
- krioterapija
- elektroterapija
- mali kirurški posegi
- osnove radioterapije
- druge terapevtske metode

Intended learning outcomes:

Knowledge and understanding of recognition and treatment of malignant skin tumors, of precancerous lesions and diagnostic of benign skin tumors.

- clinical diagnosis
- dermoscopy of pigmented skin lesions
- basic knowledge in dermatopathology
- cryotherapy
- electrotherapy
- small skin operations
- basic knowledge in radiotherapy
- other treatment modalities

Metode poučevanja in učenja:

- predavanja
- seminarji
- vaje - praktično delo z dermoskopom, v histopatološkem laboratoriju in fizikalna terapija
- samostojno delo

Learning and teaching methods:

- lectures
- seminars
- tutorial - work with dermoscope, in histopath. lab. and with physical methods
- individual work

Načini ocenjevanja:

Delež (v %) /
Weight (in %)

Assessment:

- ustno izpraševanje
- seminarska naloga

50
50

- oral examination
- coursework