Univerza v Mariboru
University of Maribor

Medicinska fakulteta
Faculty of medicine

OPIS PREDMETA / SUBJECT SPECIFICATION	
Predmet:	Sodobni kiruški postopki in specialna kirurška anatomija
Subject Title:	MODERN SURGICAL TECHNIQUES AND APPLIED SURGICAL ANATOMY

Študijski program Study programme	Študijska smer Study field	Letnik Year	Semester Semester
		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	0			105	**5**

Nosilec predmeta / Lecturer: prof. dr.Vojko Flis

Jeziki / Languages:	**Predavanja / Lecture:**	Slovenščina/ slovene
	Vaje / Tutorial:	

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

Prerequisits:

Vsebina:

- Temeljni koncepti
- Osnovni metodološki pristopi
- Laparoskopska kirurgija
- Minimano invazivna kirurgija
- Endovaskularni posegi
- Mikrovaskularna kirurgija
- Posebna kirurška anatomija
- Glava in vrat
- Prsi koš
- Srce in velike žile
- Abdomen
- Okončine
- Anatomija ožilja
- Hrbtenica
- Sklepi
- Koža
- Anatomske variacije

Content (Syllabus outline):

- Background concepts
- Methodological approach
- Laparoscopic surgery
- Minimally invasive surgery
- Endovascular procedures
- Microvascular surgery
- Applied surgical anatomy
- Head and neck
- Thorax
- Heart and great vessels
- Abdomen
- Extremities
- Vascular anatomy
- Spine
- Joints
- Skin
- Anatomic variations

Temeljni študijski viri / Textbooks:

Obvezna:

Gadžijev E, Ravnik D. Atlas of applied liver anatomy. Springer. 1996.

O'Leary JP, Tabuencal A. The Physiologic Basis of Surgery. Lippincott Williams & Wilkins, 4 edition. 2007.

Pappas T et al. Atlas of Laparoscopic Surgery. Current Medicine Group; 3rd ed. 2007.

Hallet J, Mils J. Comprehensive Vascular and Endovascular Surgery. Mosby. 2003.

Skandalakis JE eds. Surgical Anatomy: The Embryologic And Anatomic Basis Of Modern Surgery , McGraw-Hill Professional Publishing, 2004.

Dodatna:

Lasjaunias P, Berenstein A, brugge TA. Surgical Neuroangiography: Clinical Vascular Anatomy and Variations, 2nd Ed. Springer Verlag,2001.

Ross JE et al. Diagnostic and Surgical Imaging Anatomy: Brain, Head & Neck, Spine, 1st Ed. Hardcover, Amirsys Inc,2006.

Manaster BJ et al. Diagnostic and Surgical Imaging Anatomy: Musculoskeletal, International Edition, 1st Ed. Lippincott Williams & Wilkins, 2006.

Masquelet AC. Atlas of Surgical Anatomy, Informa Healthcare, 2005.

Federle PM et al. Diagnostic and Surgical Imaging Anatomy: Chest, Abdomen, Pelvis, International Edition, 1st Ed. Lippincott Williams & Wilkins, 2006.

Bergman RA, Afifi KA, Miyauchi R. **Human Anatomic Variation. Urban & Schwarzenberg,1988.**

Cilji:	**Objectives:**
• Osvojitev temeljnih metodoloških in teoretičnih konceptov na področju sodobnih kirurških posegov • Poznavanje in razumevanje temeljnih konceptov kirurških postopkov in posebne kirurške anatomije • Seznanitev z metodami, uporabljanimi v sodobni klinični aplikaciji	• Mastering the basic methodological and theoretical concepts in the field of modernsurgical techniques • Gaining and understanding the basic concepts of surgical procedures and special surgical anatomy • Familiarity with methods used in modern clinical practice

Predvideni študijski rezultati:	**Intended learning outcomes:**
Znanje in razumevanje: Praktično in teoretično znanje za samostojno raziskovalno delo. Prenesljive/ključne spretnosti in drugi atributi: Praktično znanje za vodenje raziskav.	Knowledge and Understanding: Practical knowledge needed for independent research work. Transferable/Key Skills and other attributes: Pactical knowledge needed to organize research projects

Metode poučevanja in učenja:	**Learning and teaching methods:**
Delo v majhnih skupinah in v delavnicah	Working in small groups and workshops

Načini ocenjevanja:	Delež (v %) / Weight (in %)	**Assessment:**
Način (pisni izpit, ustno izpraševanje, naloge, projekt): projektno delo seminarska naloga	 **50** **50**	Type (examination, oral, coursework, project): project work report