

| UČNI NAČRT PREDMETA / COURSE SYLLABUS | | | | | | | | |
|---|----------------------------------|--|----|--|--|--|---|-------------|
| Ime predmeta: | | Uroginekologija in pelvična rekonstruktivna kirurgija | | | | | | |
| Course title: | | Urogynecology and Pelvic Reconstructive Surgery | | | | | | |
| Študijski program in stopnja Study programme and cycle | | Študijska smer Study option | | Letnik Year of study | Semester Semester | | | |
| Biomedicinska tehnologija/3. stopnja | | | | 2 | 3 ali 4 | | | |
| Biomedical Technology/3rd Degree | | | | | | | | |
| 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 |
| 15 | 20 | 10 | | | | | 135 | 6 |
| | | AV | LV | RV | | | | |
| Nosilec predmeta / Course coordinator: | | Prof. dr. Igor But | | | | | | |
| Jeziki /Languages: | | Predavanja / Lectures: | | Slovenski/Slovenian | | | | |
| | | Vaje / Tutorial: | | Slovenski/Slovenian | | | | |
| 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): | | | | Content (syllabus outline): | | | | |
| <p>Vsebina študijskega predmeta Uroginekologija in pelvične rekonstruktivna kirurgija zajema proučevanje novih metodologij za diagnostiko, spremljanje in zdravljenje motenj v funkciji medeničnega dna in organov v mali medenici.</p> <p>Študij bo predstavljal povezavo med kliničnim delom, kliničnim znanstvenim raziskovanjem ter novimi spoznanji sodobnih diagnostičnih preiskav in zdravljenja.</p> <p>Poudarek bo predvsem na naslednjih področjih:</p> <p>Etiologija in prevalenca motenj funkcije medeničnega dna</p> <p>Vloga biotehnologije na področju uroginekologije</p> <p>Genetika v uroginekologiji</p> <p>Vloga kolagena pri motnjah v funkciji medeničnega dna.</p> | | | | <p>The study programme will be based on lectures covering new methods in diagnostics, monitoring and management of dysfunction of the pelvic floor and organs in small pelvis.</p> <p>The studies will represent a connection between clinical work, clinical scientific research and new knowledge acquired by up-to-date diagnostic investigation and treatment.</p> <p>The emphasis will be above all on the following topics:</p> <p>Etiology and prevalence of the pelvic floor dysfunction</p> <p>The role of biotechnology in the field of urogynecology</p> <p>Genetics in urogynecology</p> <p>The role of collagen in the pelvic floor dysfunction</p> | | | | |

| | |
|--|---|
| <p>Imunohistokemična ekspresija estrogenskih receptorjev v gladkih mišičnih celicah mehurja</p> <p>Senzitivnost in specifičnost diagnostičnih metod v uroginekologiji</p> <p>Zaporni tlaki sečnice in stresna urinska inkontinenca – pomen urodinamskih preiskav</p> <p>Idiopatska prekomerna aktivnost detruzorja</p> <p>Nova zdravila pri zdravljenju stresne urinske inkontinenca in prekomerne aktivnosti mehurja</p> <p>Funkcionalna magnetna stimulacija pri zdravljenju žensk z urinsko inkontinenco</p> <p>Primarna nočna enureza – FMS kot novi neinvaziven pristop pri zdravljenju</p> <p>Biomehanika pri stresni urinski inkontinenci – novi kirurški principi zdravljenja</p> <p>Pomen mrežic v pelvični rekonstruktivni kirurgiji</p> | <p>Immunohistochemical estrogen receptor expression in the bladder smooth muscle cell</p> <p>Sensitivity and specificity of various diagnostic tools in urogynecology</p> <p>Urethral closure pressure and stress urinary incontinence – the value of urodynamic studies</p> <p>Idiopathic detrusor overactivity</p> <p>New drugs in the treatment of stress urinary incontinence and overactive bladder disease</p> <p>Functional magnetic stimulation in the treatment of women with urinary incontinence</p> <p>Primary nocturnal enuresis – FMS as a new noninvasive treatment approach</p> <p>Biomechanics in stress urinary incontinence – the new surgical treatment principles</p> <p>The role of mesh in pelvic reconstructive surgery</p> |
| <p>Temeljni literatura in viri / Reading materials:</p> <p>Abrams P, Cardozo L, Khoury S and Wein A (eds). 2nd International Consultation on Incontinence, 6th ed. Health Publication Ltd, 2017</p> <p>Fritsch H, Lienemann A, Brenner E, Ludwikowski B. Clinical Anatomy of the Pelvic Floor. Springer-Verlag, Berlin Heidelberg 2004</p> <p>Pregledni članki področja iz PubMeda</p> | |
| <p>Cilji in kompetence:</p> <p>Predmet omogoča slušatelju celovit pregled in nekatera poglobljena znanja s področja uroginekologije.</p> <p>Namen predmeta je pridobiti širše znanje in razumevanje patofiziologije tako mikcijskih motenj, kot tudi motenj v podpori organov v mali medenici. Slušatelji morajo obvladati različne diagnostične postopke in njihovo racionalno uporabo, obenem pa morajo tudi razumeti osnovne principe operativnega zdravljenja različnih motenj medeničnega dna.</p> | <p>Objectives and competences:</p> <p>The study subject offers to a student a comprehensive review and some extensive knowledge about the field of urogynecology.</p> <p>The goal of the study programme is to acquire a broad knowledge and understanding of the pathophysiology of the micturition disturbances as well as the pelvic organ support problems.</p> <p>Students should be able to use various diagnostic procedures and their rational distribution, however, they should also understand the basic principles of surgical therapy of different pelvic floor disorders.</p> |
| <p>Predvideni študijski rezultati:</p> | <p>Intended learning outcomes:</p> |
| <p>Znanje in razumevanje:</p> <p>Kandidat mora po zaključku predavanj in vaj obvladati v programu zastavljene cilje.</p> | <p>Knowledge and understanding:</p> <p>After absolving the lectures and practical work the candidate has to present knowledge which is defined in the programme.</p> |
| <p>Prenosljive/ključne spretnosti in drugi atributi:</p> <p>Odvisno od raziskovalnega projekta. Poznavanje osnovnih diagnostičnih metod v medicini.</p> | <p>Transferable/key competences and other abilities:</p> <p>Depends on the research project.</p> <p>Knowledge of basic diagnostic methods in medicine.</p> |
| <p>Metode poučevanja in učenja:</p> | <p>Learning and teaching methods:</p> |
| <p>Predavanja</p> <p>Seminarji (pod vodstvom mentorja)</p> <p>Tutorial (praktične vaje)</p> <p>Samostojno delo</p> | <p>Lectures</p> <p>Seminars (with collaboration of the mentor)</p> <p>Tutorial (practical work)</p> <p>Individual work</p> |
| | |

| Načini ocenjevanja: | Delež (v %) / Share (in %) | Assessment methods: |
|---|--|--|
| <p>Način (pisni izpit, ustno izpraševanje, naloge, projekt)</p> <p>Ustni izpit</p> <p>Seminarska naloga</p> <p>Predstavitev raziskovalnega dela (poster, članek)</p> | <p></p> <p>20 %</p> <p>20 %</p> <p>60 %</p> | <p>Method (written or oral exam, coursework, project):</p> <p>Oral examination</p> <p>Coursework</p> <p>Presentation of the research project (poster, article)</p> |
| Reference nosilca / Course coordinator's references: | | |
| <p>"SERDINŠEK, Tamara, BUT, Igor. Long-term results of two different trans-obturator techniques for surgical treatment of women with stress and mixed urinary incontinence : a10-year randomised controlled study follow-up. International urogynecology journal, ISSN 1433-3023, Feb. 2019, vol. 30, iss. 2, str. 257-263. https://link.springer.com/article/10.1007%2Fs00192-018-3694-3, doi: 10.1007/s00192-018-3694-3. [COBISS.SI-ID 6408767], [JCR, SNIP, WoS do 22. 2. 2019: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 29. 9. 2019: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.50] kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICM točke: 40.72, št. avtorjev: 2"</p> <p>"SERDINŠEK, Tamara, ŽEGURA ANDRIĆ, Branka, BUT, Igor. A new affordable and easy-to-make pelvic model for training in complex urogynecological laparoscopic procedures. International urogynecology journal, ISSN 1433-3023, 2019, vol. 30, iss. 9, str. 1497-1501, ilustr. https://link.springer.com/article/10.1007%2Fs00192-018-3803-3, doi: 10.1007/s00192-018-3803-3. [COBISS.SI-ID 6543935], [JCR, SNIP, WoS do 13. 9. 2019: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0, Scopus do 11. 12. 2018: št. citatov (TC): 0, čistih citatov (CI): 0, čistih citatov na avtorja (CIAu): 0] kategorija: 1A2 (Z, A1/2); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICM točke: 27.15, št. avtorjev: 3"</p> <p>"SERDINŠEK, Tamara, BUT, Igor. Anterior compartment descent : a new measure in the assessment of urethral hypermobility in women with urinary incontinence. International journal of urology, ISSN 1442-2042, 2017, vol. 24, issue 7, str. 548-552, ilustr. http://onlinelibrary.wiley.com/doi/10.1111/iju.13370/epdf, doi: 10.1111/iju.13370. [COBISS.SI-ID 6099263], [JCR, SNIP, WoS do 15. 10. 2018: št. citatov (TC): 1, čistih citatov (CI): 1, čistih citatov na avtorja (CIAu): 0.50, Scopus do 29. 4. 2019: št. citatov (TC): 2, čistih citatov (CI): 2, čistih citatov na avtorja (CIAu): 1.00] kategorija: 1A3 (Z); uvrstitev: SCI, Scopus, MBP; tip dela je verificiral OSICM točke: 38.7, št. avtorjev: 2"</p> | | |