

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet: Tuboperitonealna neplodnost
Course title: Tuboperitoneal Infertility

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Biomedicinska tehnologija/Biomedical Technology 3. stopnja/3rd Degree		2	3 ali 4

Vrsta predmeta / Course type

Izbirni/Elective

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje work	Druge oblike študija	Samost. Delo Individ. Work	ECTS
15	20	10			105	5

Nosilec predmeta / Lecturer:

Prof. dr. Milan Reljič

Jeziki / Predavanja / Lectures: Slovenščina, angleščina/ slovene, english

Languages: Vaje / Tutorial: Slovenščina, angleščina/ slovene, english

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

Kandidat mora doseči 300 ECTS na predhodnem študiju.

Prerequisites:

Graduate degree 300 ECTS

Vsebina:

Vsebina študijskega predmeta Tuboperitonealna neplodnost zajema proučevanje novih metod za ugotavljanje in zdravljenje neplodnosti, ki je posledica poškodbe jajcevodov in okolišnjega peritoneja. Študij bo predstavljal povezavo med kliničnim delom, kliničnim znanstvenim raziskovanjem ter novimi spoznanji sodobnih diagnostičnih preiskav in zdravljenja. Poudarek bo predvsem na naslednjih področjih:

- Etiologija in prevalenca tuboperitonealne neplodnosti.
- Vloga spolno prenosljivih mikroorganizmov pri etiologiji neplodnosti
- Preveniriva tuboperitonealne neplodnosti
- Diagnostične metode za ugotavljanja tuboperitonealne neplodnosti
- Senzitivnost in specifičnost diagnostičnih metod za ugotavljanja tuboperitonealne neplodnosti
- Pomen nekaterih novejših metod pri ugotavljanju tuboperitonealne neplodnosti
- Transvaginalna hidrolaparoskopija – možnosti in omejitve.
- Operativna terapija tuboperitonealne neplodnosti
- Dejavniki, ki vplivajo na uspešnosti operativne terapije
- Postopki zunajtelesne oploditve
- Postopki zunajtelesne oploditve ali operativna terapija za zdravljenje tuboperitonealne neplodnosti

Content (Syllabus outline):

The study programme will be based on lectures covering new methods in diagnostics and management of infertility, caused by damaged tubes and surrounding peritonea.

The studies will represent a connection between clinical work, clinical scientific research and new knowledge acquired by up-to-date diagnostic investigation and treatment.

The emphasis will be above all on the following topics:

- Etiology and prevalence of tuboperitoneal infertility
- The role of sexual transmitted disease in the etiology of infertility
- Prevention of tuboperitoneal infertility
- Diagnostic methods for evaluation of tuboperitoneal infertility
- Sensitivity and specificity of various diagnostic tools in tuboperitoneal infertility
- The role of some new methods in evaluation of tuboperitoneal infertility
- Transvaginal hydrolaparoscopy- possibilities and limitations
- Surgical treatment of tuboperitoneal infertility
- Prognostic factors of tubal surgery
- In-vitro fertilization
- In-vitro fertilization or surgery for the treatment of tuboperitoneal infertility

- Postopki zunajtelesne oploditve v naravnem ciklusu in zdravljenje tuboperitonealne neplodnosti
- Vpliv hidrosalpingsov na zanositev v postopkih zunajtelesne oploditve

- In vitro fertilization in natural cycles and management of tuboperitoneal infertility
- Influence of hydrosalpinges on conception in in-vitro fertilization cycles

Temeljni literatura in viri / Readings:

- Meden-Vrtovec H s sod., eds. Neplodnost. Ljubljana: Cankarjeva založba, 1989
- Speroff L, Glass RH, Kase GN, editors. Clinical gynaecologic endocrinology and infertility. 5th ed. Baltimore, Philadelphia, Hong Kong, London, Munich, Sydney, Tokyo: Williams & Wilkins; 1994.
- Edwards RG, Brody SA., eds. Principles and practice of assisted human reproduction. Philadelphia, London, Toronto, Montreal, Sydney, Tokyo: W.B. Saunders Company; 2000.
- Aristizabal J., Barri PN., Brosens IA., et al. Tubal infertility. IFFS international consensus. 2001.
- Tan SL, Seang LTan, Tulandi T. Reproductive endocrinology and infertility: current trends and developments. McGill Univ.Montreal 2004.
- The ESHRE Capri Workshop Group. Optimal use of infertility diagnostic tests and treatments. Hum Reprod 2000; 15: 723-32.
- Gordts S, Campo R, Puttemans P, et al. Investigation of the infertile couple. A one-stop outpatient endoscopy-based approach. Hum Reprod 2002; 17:1684-1687.

Cilji in kompetence:

Predmet omogoča slušatelju celovit pregled in nekatera poglobljena znanja s področja neplodnosti. Namen predmeta je pridobiti širše znanje in razumevanje etiologije, diagnostike in terapije tuboperitonealne neplodnosti. Slušatelji morajo obvladati različne diagnostične postopke in njihovo racionalno uporabo, obenem pa morajo tudi razumeti osnovne principe operativnega zdravljenja in zdravljenja s postopki zunajtelesne oploditve.

Objectives and competences:

The study subject offers to a student a comprehensive review and some extensive knowledge about the field of infertility. The goal of the study programme is to acquire a broad knowledge and understanding of the etiology, diagnostics and therapy of the tuboperitoneal infertility. Students should be able to use various diagnostic procedures and their rational distribution; however, they should also understand the basic principles of surgical therapy and therapy with in vitro fertilization.

Predvideni študijski rezultati:

Znanje in razumevanje:

Kandidat mora po zaključku predavanj in vaj obvladati v programu zastavljene cilje.

Prenesljive/ključne spretnosti in drugi atributi:

Odkvisno od raziskovalnega projekta. Poznavanje osnovnih diagnostičnih metod v medicini.

Intended learning outcomes:

Knowledge and understanding:

After absolving the lectures and practical work the candidate has to present knowledge that is defined in the program.

Transferable/Key Skills and other attributes:

Depends on the research project. Knowledge of basic diagnostic methods in medicine.

Metode poučevanja in učenja:

Predavanja.
Seminarji pod vodstvom mentorja.
Praktične vaje
Individualno raziskovalno delo.

Learning and teaching methods:

Lectures.
Seminars with collaboration of the mentor.
Practical work.
Individual research work

Načini ocenjevanja:

- Pisni in ustni izpit
- Seminarska naloga
- Predstavitev

Delež (v %) /

Weight (in %)

Assessment:

- Written and oral examination
- Coursework
- Presentation of the research project (poster, article)