

OPIS PREDMETA / SUBJECT SPECIFICATION

Predmet:	Tuboperitonealna neplodnost
Subject Title:	Tuboperitoneal infertility

Študijski program Study programme	Študijska smer Study field	Letnik Year	Semester Semester
Biomedicinska tehnologija Biomedical Technology	Neplodnost Infertility	II.	3 ali 4

Univerzitetna koda predmeta / University subject code:

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Lab. work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
15	20		10		105	5

Nosilec predmeta / Lecturer:

Prof. dr. Milan Reljič

Jeziki / Predavanja / Lecture: Slovenščina, angleščina/ slovene, english
Languages: Vaje / Tutorial: Slovenščina, angleščina/ slovene, english

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

Prerequisites:

Kandidat mora doseči 300 ECTS na predhodnem študiju.

Graduate degree 300 ECTS

Vsebina:

Contents (Syllabus outline):

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:

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:

- Etiologija in prevalenca tuboperitonealne neplodnosti.
- Vloga spolno prenosljivih mikroorganizmov pri etiologiji neplodnosti
- Prevenirja 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
- Postopki zunajtelesne oploditve v naravnem ciklusu in zdravljenje tuboperitonealne neplodnosti

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

- Vpliv hidrosalpingsov na zanositev v postopkih zunajtelesne oploditve

Temeljni študijski viri / Textbooks:

1. Meden-Vrtovec H s sod., eds. Neplodnost. Ljubljana: Cankarjeva založba, 1989
2. 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.
3. Edwards RG, Brody SA., eds. Principles and practice of assisted human reproduction. Philadelphia, London, Toronto, Montreal, Sydney, Tokyo: W.B. Saunders Company; 2000.
4. Aristizabal J., Barri PN., Brosens IA., et al. Tubal infertility. IFFS international consensus. 2001.
5. Tan SL, Seang LTan, Tulandi T. Reproductive endocrinology and infertility: current trends and developments. McGill Univ.Montreal 2004.
6. The ESHRE Capri Workshop Group. Optimal use of infertility diagnostic tests and treatments. Hum Reprod 2000; 15: 723-32.
7. 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:

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.

Predvideni študijski rezultati:

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

Prenesljive/ključne spretnosti in drugi atributi:
Odvisno od raziskovalnega projekta. Poznavanje osnovnih diagnostičnih metod v medicini.

Metode poučevanja in učenja:

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

Načini ocenjevanja:

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

Pisni in ustni izpit
Seminarska naloga
Predstavitev raziskovalnega dela (poster, članek)

Delež (v %)
/Weight (in %)

Objectives:

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.

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.

Learning and teaching methods:

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

Assessment:

Type (examination, oral, coursework, project):

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

Materialni pogoji za izvedbo predmeta :

So zagotovljeni v okviru Službe za ginekologijo in perinatologijo Splošne bolnišnice Maribor.

Obveznosti študentov:

(pisni, ustni izpit, naloge, projekti)

Obiskovanje predavanj.
Obiskovanje vaj.
Izdelana seminarska naloga.
Objave v strokovni literaturi, predstavitve na kongresih

Material conditions for subject realization

Already existing in the Gynecology and Perinatology service of Maribor Teaching Hospital.

Students' commitments:

(written, oral examination, coursework, projects):

To be present at lectures.
To be present at practical work.
Written coursework.
Publications in scientific literature, presentations at the congress