

## REQUIREMENTS

<b>Semmelweis University, Faculty of Medicine</b> <b>Name of the managing institute (and any contributing institutes):</b> Department of Obstetrics and Gynecology, Baross Street Section
<b>Name of the subject:</b> <b>in English:</b> Assisted Reproduction <b>in German:</b> Assistierte Reproduktion <b>Credit value:</b> 2 points <b>Number of lessons per week: lecture:</b> 1 hour <b>practical course:</b> 1 hour <b>seminar:</b> -- <b>Subject type:</b> <b>compulsory course</b> <u>elective course</u> <b>optional course</b>
<b>Academic year:</b> 2022/2023. tanév II. félév
<b>Subject code:</b> <i>(In case of a new subject, it is filled by the Dean's Office, after approval)</i>
<b>Name of the course leader:</b> Prof. Urbancsek, János MD, PhD, DSc <b>His/her workplace, phone number:</b> 1-2660115 <b>Position:</b> Head of the Division <b>Date and registration number of their habilitation:</b> 2005.05.26 /242
<b>Objectives of the subject, its place in the medical curriculum:</b> Introduction into the field of human assisted reproduction, which is one of the most quickly and extensively developing field of medicine.
<b>Place where the subject is taught (address of the auditorium, seminar room, etc.):</b> Auditorium of the Department of Obstetrics and Gynecology, Baross Street Section
<b>Successful completion of the subject results in the acquisition of the following competencies:</b> Being informed about human reproductive function and about influencing it in view to infertility treatment.
<b>Course prerequisites:</b> Successful ending of the first four semesters.
<b>Number of students required for the course (minimum, maximum) and method of selecting students:</b> Minimum: 10 students Maximum: 100 students On a voluntary basis.
<b>How to apply for the course:</b> Through the Neptun system
<b>Detailed curriculum:</b> <i>(Theoretical and practical lessons shall be given separately by numbering the lessons (by weeks). Please provide the names of the teachers of the lectures and practical lessons and indicate guest lecturers. Do not use attachments! Always attach a CV for guest lecturers!) !)</i>

**LECTURES:**

1. Introduction in the field of assisted reproduction.  
(Prof. Urbancsek, János MD, PhD, DSc – Dept. of OB/GYN, Division of Assisted Reproduction)
2. Physiology of the menstrual cycle.  
(Prof. Urbancsek, János MD, PhD, DSc – Dept. of OB/GYN, Division of Assisted Reproduction)
3. Pathophysiology of the menstrual cycle.  
(Prof. Urbancsek, János MD, PhD, DSc – Dept. of OB/GYN, Division of Assisted Reproduction)
4. Diagnosis of infertility.  
(Prof. Urbancsek, János MD, PhD, DSc – Dept. of OB/GYN, Division of Assisted Reproduction)
5. Treatment of infertility I.: Ovulation induction, intrauterine insemination, operative treatment.  
(Prof. Urbancsek, János MD, PhD, DSc – Dept. of OB/GYN, Division of Assisted Reproduction)
6. Treatment of infertility: in vitro fertilization.  
(Prof. Urbancsek, János MD, PhD, DSc – Dept. of OB/GYN, Division of Assisted Reproduction)
7. Embryological aspects of in vitro fertilization  
(Fancsovits, Péter PhD, Habil. – Dept. of OB/GYN, Division of Assisted Reproduction)
8. New and alternative methods of in vitro fertilization.  
(Prof. Urbancsek, János MD, PhD, DSc – Dept. of OB/GYN, Division of Assisted Reproduction)

**PRACTICAL LESSONS:**

- 1.-8. According to the topic of the lectures with presentation of the same lecturers given above.

**Other subjects concerning the border issues of the given subject (both compulsory and optional courses!). Possible overlaps of themes:**

None

**Special study work required to successfully complete the course:**

*(E.g. field exercises, medical case analysis, test preparation, etc.)*

None

**Requirements for participation in classes and the possibility to make up for absences:**

Active participation on the lectures and during the practical lessons with questions to the lecturers.

**Methods to assess knowledge acquisition during term time:**

*(E.g. homework, reports, mid-term test, end-term test, etc., the possibility of replacement and improvement of test results)*

The lecturer tells questions to the students regarding the topic of the previous lectures.

**Requirements for signature:**

Participation on at least 75 % of the practical lessons.

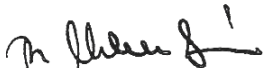
**Type of examination:**

Oral examination

**Requirements of the examination:**

*(In case of a theoretical examination, please provide the topic list; in case of a practical exam, specify the topics and the method of the exam)*

Knowledge about presented topics during the lectures and about discussions performed during the practical lessons

<p><b>Method and type of evaluation:</b>  <i>(Method of calculating the final mark based on the theoretical and practical examination. How the mid-term test results are taken into account in the final mark.)</i>  Theoretical knowledge of the student which she/he presents during the oral exam and assessment of her/his active participation during the lectures and practical lessons.</p>
<p><b>How to register for the examination?:</b>  Through the Neptun system</p>
<p><b>Possibilities for exam retake:</b>  During the very last 2 days of the exam period</p>
<p><b>Printed, electronic and online notes, textbooks, guides and literature (URL address for online material) to aid the acquisition of the material:</b>  Textbook  Urbancsek J – Papp Z.: Gynecological Endocrinology (Springer)</p> <p>Suggested literatur  Urbancsek J – Rabe T.. Assisted Reproduction – Theory and Praxis of In Vitro Fertilization (Springer)</p> <p>Educational material on the homepage of the Division of Assisted Reproduction, Dept of OB/GYN (<a href="http://semmelweis.hu/asszisztaltreprodukcio">http://semmelweis.hu/asszisztaltreprodukcio</a>) Section: „Education”</p>
<p><b>Signature of the habilitated instructor (course leader) who announced the subject:</b></p> <p> Prof. Urbancsek, János MD, PhD, DSc</p>
<p>Signature of the Director of the Managing Institute:  (coming later)</p> <p style="text-align: right;">Prof. Ács, Nándor MD, PhD</p>
<p><b>Hand-in date:</b>  30.11.2022.</p>

<p><b>Opinion of the competent committee(s):</b></p>
<p><b>Comments of the Dean's Office:</b></p>
<p><b>Dean's signature:</b></p>