

**SECOND DEPARTMENT OF OBSTETRICS & GYNECOLOGY
MEDICAL SCHOOL
NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS**

**DIRECTOR: Professor Nikolaos Vlachos, MD, PhD
Certified European Training Center in Obstetrics and Gynecology by the European College of Obstetrics
and Gynecology (EBCOG)**

COURSE MANAGER: Professor Charalampos Siristatidis, MD, PhD

SCIENTIFIC PROGRAM – ONLINE COURSE

OPTIONAL COMPULSORY COURSE «Reproductive Medicine - Assisted Reproductive Technology»

Pregraduates of the Medical School - Spring semesters (8th, 10th, 12th)

Sections: 15: 30 - 16: 15
16: 15 - 16: 45
16: 50 - 17: 30

	SECTION	PRESENTATION	PRESENTER
1/4/2024	Biostatistics and Epidemiology	<ul style="list-style-type: none"> • Basic principles of statistics • Basic principles of epidemiology • Types of studies - Systematic errors 	Boutsikou M Psaltopoulou T Siristatidis C
2/4/2024	The Female Reproductive System	<ul style="list-style-type: none"> • Basic principles of anatomy and physiology • Hormones: mechanisms of action Amenorrhea • Clinical diagnostic approaches 	Siristatidis C Siristatidis C Karampas G
3/4/2024	The Male Reproductive System	<ul style="list-style-type: none"> • Basic principles of anatomy and physiology Hormones: mechanisms of action • Disorders of anatomy and physiology • Diagnostic laboratory approaches 	Levis P Levis P Nikiforaki D
8/4/2024	Infertility 1	<ul style="list-style-type: none"> • Evaluation of the infertile couple • Male infertility • Ovarian reserve and premature ovarian failure 	Siristatidis C Kalampokas T Bakas P
9/4/2024	Infertility 2	<ul style="list-style-type: none"> • Special categories of diseases (fibroids, Asherman's syndrome) • Unexplained infertility • Social freezing 	Ioannidis G Siristatidis C Siristatidis C
10/4/2024	Assisted Reproduction 1	<ul style="list-style-type: none"> • Basic principles of Assisted Reproduction / Controlled ovarian stimulation protocols • The endometrium in Assisted Reproduction 	Christoforidis N Galazios G

		<ul style="list-style-type: none"> • The use of ultrasound in infertility and assisted reproduction 	Aravantinos L
15/4/2024	Assisted Reproduction 2	<ul style="list-style-type: none"> • Excessive and low response to ovarian stimulation • IVF and autoimmune endocrine disorders / endometriosis • Egg and sperm donation / Surrogacy 	Siristatidis C Ioannidis G Kanakas N
16/4/2024	Bioethics - Medical Genetics	<ul style="list-style-type: none"> • Issues of bioethics and legal framework in Assisted Reproduction • Principles of Medical Genetics • Principles of genetic counseling 	Nikolakopoulou M Ververi A Makrythanasis P
17/4/2024	Embryological, laboratory and genetic diagnosis issues	<ul style="list-style-type: none"> • Techniques and applications in the embryological laboratory • Preimplantation genetic diagnosis • Quality management and success rates of embryological laboratory 	Tzanakaki D Simopoulou M Chatziparasidou A
22/4/2024	Surgical treatment of infertility 1	<ul style="list-style-type: none"> • Hysteroscopy • Laparoscopy • Other methods of minimally invasive surgery - Robotics 	Balafoutas D Balafoutas D Tsakos I
23/4/2024	Surgical treatment of infertility 2	<ul style="list-style-type: none"> • Congenital anomalies of the reproductive system • Endometriosis • Tubal and uterine surgery - Complications 	Biliatis J Tsakos I Biliatis J
24/4/2024	Recurrent pregnancy loss	<ul style="list-style-type: none"> • Etiologies • Laboratory investigation - Clinical treatment • Guidelines 	Siristatidis C Siristatidis C Stavros S
29/4/2024	Complications of Assisted Reproduction Technologies	<ul style="list-style-type: none"> • IVF drugs and gynecological cancer • Oocyte pick up and complications • Multiple pregnancies • Risk of congenital anomalies after IVF 	Siristatidis C Christoforidis N Eleftheriadis M Kanaka C