Practice teaching course in IVF: A guided journey through a modern centre
Rome, Italy
The course will be held on the following dates:

- 9-10 June 2016
- 22-23 September 2016

Overview

This teaching course is aimed at providing clinicians, embryologist and basic scientists working in assisted reproductive medicine, an opportunity to focus and discuss some of the most attractive advances in the field of Assisted Reproductive Technology (ART). The course will focus on controlled ovarian stimulation, on new laboratory techniques and equipment for optimization of IVF procedures, as well as on genetics in ART. Correct counseling and choosing the appropriate IVF treatment for each patient requires constant updating and development of new technologies. For this reason, participants will improve their clinical and embryological knowledge of an IVF cycle by participating to an IVF unit tour guided by a dedicated tutor. The programme is designed to allow different experiences to be shared through a mix of biological and clinical lecture as well as clinical cases on controversial topics. Interactive “open discussion” moments and posing of “burning” questions will be most welcome to give the possibility to exchange views.

Learning objectives

By attending this course, participants will be able to:

- Recognise the crucial steps in the correct management of an infertile couple
- Analyse the organisation of an IVF unit
- Evaluate the role of the new IVF technologies to improve embryo evaluation and selection
- Understand the importance of genetics in IVF and the role of pre-implantation genetic diagnosis in the modern embryology
- Recognise factors that can influence the success in assisted reproductive technology (ART)
Target audience

This course is designed for a small group of 12 doctors composed of 6 young clinicians or physicians paired with 6 embryologists - preferably drawn from the same IVF centres - so as to apply techniques to their daily clinical practice.

Chairs

Laura Rienzi
Biologist, Laboratory Director of
G.EN.E.R.A. Center for Reproductive Medicine

Filippo Maria Ubaldi
Gynecologist, Clinical Director of
G.EN.E.R.A. Center for Reproductive Medicine

EXCEMED designed this programme in partnership with G.EN.E.R.A. Center for Reproductive Medicine.
CME Provider

EXCEMED is a non-profit foundation dedicated, since the last four decades, to the development of high-quality medical education programme all over the world.

EXCEMED adheres to the guidelines and standards of the European Accreditation Council for Continuing Medical Education (EACCME®) which states that continuing medical education must be balanced, independent, objective, and scientifically rigorous.

Continuing medical education

An application has been made to the EACCME® for CME accreditation of the EXCEMED “Practice teaching course in IVF: A guided journey through a modern centre” to be held in Rome, Italy.

EXCEMED adheres to the principles of the Good CME Practice group (gCMEp).
Faculty

G.EN.E.R.A. Center for Reproductive Medicine

Antonio Capalbo
Biotechnologist Specialist in Medical Genetics
Director of GENETYX Molecular Biology Laboratory

Danilo Cimadomo
Molecular Biologist, GENETYX Molecular Biology laboratory

Silvia Colamaria
Gynecologist, Responsible for PMA Treatment

Laura Rienzi
Biologist, Laboratory Director

Filippo Maria Ubaldi
Gynecologist, Clinical Director

Alberto Vaiarelli
Gynecologist, Responsible for PMA Treatment
Day 1 - Thursday

Meeting point:
G.EN.E.R.A. Training Center
Via Giuseppe de Notaris, 1E - 00197 Rome, Italy

09.00 Welcome presentation
L. Rienzi (Italy) - F.M. Ubaldi (Italy)

Session I: Clinical workup and laboratory technologies

09.10 Clinical work-up
Overview on clinical state of ART: strategies to improve efficiency in IVF treatment
F.M. Ubaldi (Italy)
- Personalization of controlled ovarian stimulation
- New insights in ovarian exploitation
- How to reduce risks in ART

10.40 Coffee break

11.00 Laboratory technologies
Overview of the modern IVF Lab: Lab technologies needed to maximize success
L. Rienzi (Italy)
- The Modern IVF Lab
- Vitrification of oocytes and embryos
- Lab quality management

12.30 Interactive discussion

13.00 Lunch
14.00  Parallel sessions
A. Capalbo (Italy) - S. Colamaria (Italy)

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<td>IVF unit tour</td>
<td>Clinical cases</td>
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15.30  Coffee break

16.00  Parallel sessions
A. Capalbo (Italy) - S. Colamaria (Italy)

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17.30  End of the first day

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**IVF unit tour**
Visit to the GENERA Centre’s Operating Theatre and Embryo Lab. Visit to the unit will be planned according to the treatments in programme during those days. Participants will visit the following activities:
- Oocyte retrieval
- Oocytes insemination
- Embryos and blastocyst evaluation
- Blastocysts stage biopsy for PGD PGS
- Embryo transfer procedure
- Oocyte and embryo cryopreservation
- Testicular sperm extraction

**Clinical cases**
There will be description and interactive discussion concerning real cases. Participants are also invited to send their own clinical cases in advance so that they can be studied and discussed with the experts during the clinical cases sessions.
Day 2 - Friday

**Session III** Clinical cases and clinic tour

**Meeting point:**
G.EN.E.R.A. Training Center
Via Giuseppe de Notaris, 1E - 00197 Rome, Italy

**09.00** Parallel sessions
D. Cimadomo (Italy) - A. Vaiarelli (Italy)

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**10.45** Coffee break

**11.15** Parallel sessions
D. Cimadomo (Italy) - A. Vaiarelli (Italy)

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**13.00** Lunch

**Session IV** Genetics in ART

**14.00** Genetics in ART
A. Capalbo (Italy)
- Genetic screening in infertile populations
- Pre-implantation genetic diagnosis for monogenic and chromosomal abnormalities
- Pre-implant genetic diagnosis for aneuploidy testing
- Noninvasive prenatal testing

**15.30** Closing remarks

**16.00** End of the course
General information

Venue
This live educational course will take place at the:

**G.EN.E.R.A. Center for Reproductive Medicine, Valle Giulia Clinic**
Via Giuseppe de Notaris, 2
00197 Rome, Italy

and

**G.EN.E.R.A. Training Center**
Via Giuseppe de Notaris, 1E
00197 Rome, Italy

Language
The official language of this course will be English.

CME Provider
EXCEMED - Excellence in Medical Education
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Medical Advisor: Alberto Vaiarelli
alberto.vaiarelli@gmail.com

Registration
- The registration fee is €350,00 and includes:
  - Scientific sessions
  - Coffee breaks and luncheons
  - Dinner on Thursday
  - Educational materials
  - Certificate of attendance

For registration and accommodation please contact:
Meridiano Congress International
Congress Manager: Andrea Gruppuso
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andrea.gruppuso@meridiano.it
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Take a look at the new website

www.excemed.org

• Six specialty areas, including reproductive medicine
• Accessible and accredited e-learning packages
• A world-class repository of CME knowledge and learning materials
• Monthly updates about our events and resources in reproductive medicine
• Register with us online and access it all – free

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