SATURDAY | SEPTEMBER 30TH, 2017

VENUE
Mario Luzzatto Simulation Centre
Via Rita Levi Montalcini - Pieve Emanuele - Milano

THE COURSE IS DIVIDED INTO TWO PARTS

FIRST PART
Friday, September 29 – Saturday, September 30 2017
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Via Rita Levi Montalcini - Pieve Emanuele - Milano

SECOND PART
One week of attendance to the Fertility Center of Humanitas Research Hospital. The weeks, to be defined with the director, allow the participation of two people, under the guidelines of a tutor, to the practical application of all the medical-biological techniques of Medically Assisted Procreation as well as a structured access to the Humanitas Training Center.

REGISTRATION
The participation to the Course for the 2 days topics debate is free of charge. The participation fee to the one week (five working days) Practice is 500 Euros. Students, Ob-Gyn residents and RM fellows of the Humanitas University and University of Milan, School of Medicine (theoretical part) are all formally invited to participate. People attending the course will be able to participate to the theory or both to theory and practice. Registrations to theory + practice are limited to 20. If people registrations will exceed 20, participants will be selected based on request date and curriculum.

ECM
The course is part of the legislation that regulates the CME. The course is accredited for single theoretical course
Accredited professional categories:
• Surgeon with the disciplines of obstetrics and gynecology, urology.
• Biologist, biotechnologist, midwife, nurse.

The issuing of credits is subject to effective participation to the entire educational program and the delivery of learning assessment questionnaire duly completed and signed.

The CME credits will be awarded to all those who:
• Belong to the professions listed.
• Pass the assessment test.

FROM BASIC SCIENCE TO CLINICAL PRACTICE
A TRANSLATIONAL APPROACH TO REPRODUCTIVE MEDICINE

5° HUMANITAS COURSE IN REPRODUCTIVE MEDICINE
SEPTEMBER 29TH - 30TH, 2017

SCIENTIFIC DIRECTOR
Paolo Emanuele Levi-Setti
Ginecologia e Medicina della Riproduzione
IRCCS Istituto Clinico Humanitas, Rozzano

SCIENTIFIC ORGANIZER
Humanitas Miracle SPA
Via Marzoni 56 Rozzano MI
Tel.: 02-82242369
Email: centro.congressi@humanitas.it

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OBJECTIVE
Women’s health is a fundamental pillar of gender medicine. When the subspecialty of Reproductive Endocrinology and infertilit (REI) - Reproductive Medicine (RM) was formed within obstetrics and gynecology, the original focus was gynecologic and reproductive issues ranging from polycystic ovarian disease, hormonal replacement therapy for menopause, endocrinology, and abnormal bleeding. In addition to endocrinology, the infertility subspecialty training covers the complexity of human reproduction, including the various forms of assisted reproductive technologies (ARTs), infertility prevention, embryology, genetics, andrology, micromanipulation techniques and microsurgical techniques as well as noninvasive minimally invasive surgical techniques.

The present course is an essential bridge of its educational mission aiming at further improving knowledge by lectures and debates among board certified specialists in Obstetrics and Gynecology, dedicated to Reproductive Medicine as well as other specialists (embryologist, technicians and nurses) and experts of large tertiary care centers supported by several European and American colleagues.

The Department of Gynecology continuing an historical scientific and educational tradition is proposing a two days opportunity to access the Fertility Center facilities for a training period. In this 5th edition 6 sessions and 18 topics (15 minutes each) will be presented and, as in the previous editions, chairs and discussants will support interactive debates. Four invited lectures by members of the international scientific committee will be also presented.

The 5th Humanitas Course in Reproductive Medicine
Under the auspice of: Humanitas University (to be confirmed) University of Milan, School of Medicine The Yale Fertility Center Società Italiana di Fertilità e Sterilità e Medicina della Riproduzione (Sifes e MR). EBCOG/ESHRE Subspecialty in Reproductive Medicine

SCIENTIFIC SECRETARIET
Paolo Emanuele Levi-Setti

INTERNATIONAL COMITTEE
Amir Arav (Israel), Dominique de Ziegler (France), Norbert Gleicher (USA), Pasquale Patrizio (USA)

LOCAL COMITTEE
Elena Albani, Alessandro Baggiani, Elena Zannoni, Valentina Parini, Paolo Almagià, Luciano Negri

VENUE
Centro Congressi, Humanitas Research Institute Rozzano (Milan, Italy)

September 29th-30th, 2016

LEARNING PROGRAM
Attending the course the participants will acquire:
• Overviews of key factors of embryo development.

AudiOCURRENT
Physicians and other health care professionals working in reproductive and women health centers.

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The Yale Fertility Center facilities. In this 5th edition 6 sessions and 18 topics (15 minutes each) will be presented and, as in the previous editions, chairs and discussants will support interactive debates. Four invited lectures by members of the international scientific committee will be also presented.

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A TRANSLATIONAL APPROACH TO REPRODUCTIVE MEDICINE
FROM BASIC SCIENCE TO CLINICAL PRACTICE

Società Italiana di Fertilità e Sterilità e Medicina della Riproduzione (Sifes e MR).

EBCOG/ESHRE Subspecialty in Reproductive Medicine

Scientific Secretary

Paolo Emanuele Levi-Setti

International Committee

Amir Arav (Israel), Dominique de Ziegler (France), Norbert Gleicher (USA), Pasquale Patrizio (USA)

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The Humanitas Fertility Center is the only Italian academy appointed by the European Board and College of Obstetrics and Gynecology (EBCOG) and by the European Society of Human Reproduction and Embryology (ESHRE) for subspecialty training in Reproductive Medicine. The ESHRE has been designated by the European Federation of Fertility Societies (EFFS) for accreditation of the training in reproductive medicine in collaboration with the EBCOG. These organizations are responsible for the international standards (EING), which represents the European Union (EU) governing body for medical practitioners’ education. However, many countries within Europe do not have a specific national agency or a recognized national agency able to provide the necessary structure or governance for proper training in RM and therefore, this educational course is a fully qualified, specialized upon completion of the training, in Italy the five-year residency program in Obstetrics and Gynecology, with directives from the Ministry of Health and University is structured as a 3-year basic program of general education followed by 2 years of full-time training in fetal medicine, oncology and reproductive medicine or as recently uro-gynecology. In the USA the subspecialty of reproductive endocrinology was officially recognized by ABOG (American Board of Obstetrics and Gynecology) in 1972 and it requires an additional 5 years of training after completing a residency in obstetrics and gynecology.

The European counterpart, the Reproductive Medicine subspecialty fellowship, is provided after a 4 years residency in general obstetrics and gynecology. Candidates for fellowship have to apply to a particular accredited program generally within an ESHRE (European Society of Human Reproduction and Embryology) / EBCOG (European Board of College of Obstetrics and Gynecology) accredited center and fulfill an additional 2-3 years of dedicated training. The fellows in RM learns endocrinology disorders ranging from abnormal pubertal development, recurrent miscarriage, polycystic ovary syndrome (PCOS), menopause, contraceptive care and research is a basic requirement for the certification process. However, the training opportunities are still fragmented among countries and fully recognized only by few European Governments. We need to further develop the process of international standardization of training requirements and set minimal universal criteria to satisfy the breadth of knowledge, clinical training and certification processes. The improvement of the process of training by simulation in all the diverse clinical and biologic aspects of RM in one of the major future goals as well to understand and correctly introduce the remarkable scientific innovations and the new technologies to advance global reproductive health for all women.

With these objectives, we developed a yearly course structured with a two days short lectures and debates on a variety of topics and seven days of practical and simulation training approach, supported by the Humanitas Fertility Center facilities. In this 5th edition 6 sessions and 18 topics (15 minutes each) will be presented and, as in the previous editions, chairs and discussants will support interactive debates. Four invited lectures by members of the international scientific committee will be also presented.

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Opening Lecture | Pasquale Patrizio
THE LIMITS OF ASSISTED REPRODUCTION AND OF HUMAN BIOLOGY
Chairmen: Valentina Parini, Laura Renzi

State of the Art | Lodovico Parmegiani
New Frontiers in Standardization: Robotic versus Manual Art-Rec

Lymphoproliferation of Tissues, Chromosomes and Cells | Joseph Sanagusti
Discussion: Alessio Paffoni, Ozgur Bulbul

Coffee Break

Session 2 – Oocyte Morphology and Embryo Morphokinetics
Chairmen: Antonella Smeraldi, Elena Albani

Efficiency of Morphology and Time Lapse Morphokinetics | Giulia Malaguti

Automated vs Manual Embryo Selection | Giovanni Catazzo

Safety and Technology Evolution of Time-lapse Imaging | Cristina Lagalà

Discussion: Norbert Gleicher, Amalia Cesana

Invited Lecture: Amir Arav
New Horizons in Sperm and Ovarian Tissue Storing

Lunch

Session 3 – Pre-conception, Implantation and Post-implantation Genetic Testing
Chairmen: Daniela Betto, Dominique de Ziegler

Expanded Preconception Carrier Genetic Screening | Vanessa Peinado

Pre-implantation Genetic Screening and Diagnosis (PGS-PGD) | Antonio Capalbio

Pre-implantation Genetic Screening and Diagnosis (PGS-PGD) | Vanessa Peinado

Pro and Cons of Embryo Screening | Norbert Gleicher

Discussion: Pasquale Patrizio, Antonio Palagiano

Invited Lecture: Dominique de Ziegler
The Virtual University: Blending E-learning and In-class Bonding

Coffee Break