



Three-Dimensional Ultrasound and Simulators in Reproductive Medicine

From Egg to Baby – A Hands-on Course

Organized by: Centro de Asistencia a la Reproducción Humana de Canarias
Clinica Fivap, la Laguna, Tenerife, Spain
Supported by: GE Healthcare and Gedeon Richter | March 20-21, 2020



FRIDAY, MARCH 20TH

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| 08:00 – 08:30 | Registration and Coffee | |
| 08:30 – 09:00 | Course Introduction and Overview: The Role of Three-Dimensional Ultrasound in Fertility Assessment and Management | Angela Palumbo, MD, PhD, FIVAP, Tenerife, Spain |
| 09:00 – 09:30 | From Two-Dimensional to Three-Dimensional Ultrasound in Reproductive Medicine | Pieter Steensma, GE Healthcare |
| 09:30 – 09:45 | The Importance of 2D Image Quality to Improve Results of 3D Acquisitions. Application of 3D Tools in Infertility | Adela Rodriguez Fuentes, MD, FIVAP, Tenerife, Spain |
| 09:45 – 10:15 | The Evaluation of Ovarian Reserve: The SonoAVC™ <i>antral</i> Tool and Biochemical Markers | Jean Paul Rouleau, MD, FIVAP, Tenerife, Spain |
| 10:15 – 10:45 | Discussion | |
| 10:45 – 11:15 | Coffee Break | |
| 11:15 – 11:45 | Ultrasound Diagnosis of Congenital Uterine Malformations | Jean Paul Rouleau, MD, FIVAP, Tenerife, Spain |
| 11:45 – 12:15 | Uterine and Tubal Evaluation: 3D Ultrasound and Sonohysterography | Laura Cabrera, MD, FIVAP, Tenerife, Spain |
| 12:15 – 12:30 | Intraoperative Sonohysterography During Hysteroscopic Surgery | Juliana Guerrero, MD, FIVAP, Tenerife, Spain |
| 12:30 – 13:00 | Discussion | |
| 13:00 – 14:00 | Lunch Break | |
| 14:00 – 14:15 | Automatic Evaluation of Ovarian Follicles at Baseline and During Stimulation: SonoAVC <i>antral</i> and SonoAVC <i>follicle</i> | Adela Rodriguez Fuentes, MD, FIVAP, Tenerife, Spain |
| 14:15 – 14:45 | Optimization of Ovarian Stimulation by Three-Dimensional Ultrasound and SonoAVC | Jairo Hernandez, PhD, FIVAP, Tenerife, Spain |

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FRIDAY, MARCH 20TH *(Continued)*

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| 14:45 – 15:15 | Ultrasound-Guided Embryo Transfer: Can We Identify the “Optimal Implantation Point”? | Danizar Vázquez, MD, PhD, FIVAP, Tenerife, Spain |
| 15:15 – 15:45 | Discussion | |
| 15:45 – 16:00 | Coffee Break | |
| 16:00 – 18:00 | Hands-on Ultrasound Volume Manipulations and Simulations | |

SATURDAY, MARCH 21ST

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| 08:30 – 09:00 | Coffee | |
| 09:00 – 09:30 | Endometrial receptivity: endometrial and subendometrial blood flow, 3-D uterine volume, 3-D fibroid mapping and adenomyosis | Laurel Stadtmauer, MD, PhD, The Jones Institute for Reproductive Medicine, Eastern Virginia Medical School. Norfolk, VA, USA |
| 09:30 – 10:00 | The Early Pregnancy Scan | Pieter Steensma, GE Healthcare |
| 10:00 – 10:30 | The Role of Simulation in Reproductive Medicine: Ultrasound, Sonohysterography, Egg Retrieval, and Transfer | Sandra Garcia, MD, FIVAP, Tenerife, Spain |
| 10:30 – 10:45 | Discussion | |
| 10:45 – 11:00 | Coffee Break | |
| 11:00 – 12:00 | Hands-on Ultrasound Volume Manipulations and Simulations | |
| 12:00 – 13:00 | Questions and Discussion | |
| 13:00 – 13:30 | Exam | |

Course fee: 100€

Discounted rate of 50€ for residents.

Course limited to 30 participants.

Inscriptions at:

- formacion@fivap.com
- apalumbo@fivap.com