

Program

Specialization in Assisted Reproduction

MODULE 1. FEMALE STERILITY

- 1.1. Ultrasound in Reproductive Medicine
- 1.2. Endometriosis
- 1.3. Fibroids
- 1.4. Müllerian malformations
- 1.5. Hydrosalpinx
- 1.6. Poor response

MODULE 2. MALE STERILITY

- 2.1. Varicocele
- 2.2. Seminal tract infection
- 2.3. Sperm freezing. Semen bank

MODULE 3. ASSISTED REPRODUCTION TECHNIQUES

- 3.1. Preimplantation Genetic Testing
- 3.2. Vitrification of oocytes and embryos
- 3.3. Selection of sperm in the IVF laboratory
- 3.4. Drugs for ovarian stimulation

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3.5 Annex. Scheme of stimulation protocols for IVF and endometrial preparation

3.6. New protocols for ovarian stimulation

3.7. Screening test for monogenic diseases

3.8. ART complications: EE, torsion, infection, bleeding

MODULE 4. SPECIAL SITUATIONS IN HUMAN REPRODUCTION

4.1. Recurrent miscarriage

4.2. Implantation failure

4.3. Chronic viral infections: HIV and hepatitis

4.4. Covid-19 and Zika

4.5. Reproductive approach in cancer patients

MODULE 5. ADVANCES IN ASSISTED REPRODUCTION

5.1. Genetics

5.2. Ovarian rejuvenation

5.3. Artificial intelligence

5.4. Endometrial receptivity

5.5. Microbiome

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