

ADVANCE DIPLOMA CLINICAL EMBRYOLOGY



Clinical Embryology . Reproductive Medicine

Empowering Gynecologists with Embryology and Reproductive Skills



Accredited certificate from Australian Acadmey of Aesthetic and Regenerative Gynecology



Experience the latest evidence-based curriculum, combining cutting-edge techniques with clinical case



Convenient online mode of study, access anytime from anywhere



Life time access to lectures recording on Youtube

COURSE HIGHLIGHT

- Fundamentals of Reproductive Medicine & Infertility
- Assisted Reproductive Technology (ART) – Principles & Practice
- Embryology & Laboratory Techniques
- Cryobiology & Fertility Preservation
- Genetics & Preimplantation Testing
- Certification – Competency assessment & internationally recognized certificate

ABOUT THIS COURSE

The Advanced Diploma in Clinical Embryology & Reproductive Medicine is a cutting-edge program designed for gynecologists, embryologists, and fertility professionals seeking to excel in IVF and ART. This course blends scientific foundations with the latest innovations in reproductive medicine, including AI in embryo selection, genetic testing, and fertility preservation.

Through expert-led lectures, case discussions, and interactive sessions, participants gain the knowledge and confidence to manage complex infertility cases and deliver better patient outcomes.



Pdf Study Resources, Slides and videos of lectures upon Course Completion



Special Discount For Group of Doctors Registration



25 - 27 September, 2025



Online



1825 AED (500 USD)

For Registration

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Professional Medical Conferences And Seminars - Practice With Protection

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COURSE MODULES

Module 1: Fundamentals of Reproductive Medicine & Infertility

- Anatomy & physiology of the reproductive system
- Endocrinology of reproduction
- Gametogenesis & embryogenesis
- Causes of infertility in males and females
- Diagnostic evaluation & imaging in infertility

Module 2: Assisted Reproductive Technology (ART) – Principles & Practice

- Overview of ART procedures (IVF, ICSI, IUI)
- Patient selection, counseling & consent
- Controlled Ovarian Stimulation (COS) protocols
- Triggering ovulation & luteal phase support
- Monitoring ovarian response & preventing OHSS

Module 3: Embryology & Laboratory Techniques

- Oocyte retrieval, handling & preparation
- Insemination & fertilization methods (IVF & ICSI)
- Embryo culture systems & media
- Blastocyst culture & transfer strategies
- Laboratory setup, design & air quality control
- Quality control, assurance & risk management in IVF labs

Module 4: Cryobiology & Fertility Preservation

- Principles of cryopreservation & vitrification
- Freezing & thawing of oocytes, sperm & embryos
- Fertility preservation in cancer & social indications
- Advances in gamete & embryo banking

Module 5: Genetics & Preimplantation Testing

- Preimplantation Genetic Testing (PGT-A, PGT-M, PGT-SR)
- Genetic counseling in ART
- Ethical aspects of genetic testing
- Applications of molecular genetics in reproductive medicine

Module 6: Recurrent Implantation Failure & Reproductive Immunology

- Causes of implantation failure & pregnancy loss
- Endometrial receptivity & ERA testing
- Role of microbiome in implantation
- Immunological factors affecting fertility

Module 7: Advanced Innovations in Reproductive Medicine

- Time-lapse embryo monitoring & AI in embryo selection
- Stem cells & ovarian rejuvenation therapies
- Endometrial PRP & regenerative approaches
- Uterus transplantation & future frontiers

Module 08: Clinical Workshops & Case Discussions

- Case-based discussions on complex infertility scenarios
- Live/virtual demonstrations of embryology procedures
- Interpretation of lab results & patient counseling
- Evidence-based treatment planning

WHY TO ATTEND

- Learn the latest breakthroughs in IVF, ART, and embryology.
- Gain insights from internationally renowned fertility specialists & embryologists.
- Case-based learning, real-world applications, and lab protocols.
- Curriculum aligned with international guidelines and best practices.
- Explore AI in embryo selection, genetic testing, ovarian rejuvenation & more.
- Earn a recognized diploma that boosts your professional credibility.
- Access interactive live sessions and recordings at your convenience.

WHO SHOULD ATTEND

- Gynecologists & Obstetricians
- Clinical Embryologists
- Fertility Specialists & Reproductive Endocrinologists
- IVF Laboratory Professionals & Scientists
- Postgraduates & Researchers

Ideal for all healthcare professionals passionate about advancing their career in reproductive medicine & assisted reproduction

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