

Candidate ID: 57342

Title: Senior Embryologist (ESHRE Certified, Stem Cell Research)

Location: Hyderabad, India

Summary

An experienced senior embryologist with over 10 years in the field, specializing in IVF, ICSI, embryo freezing, and embryo biopsy. Proficient in various advanced embryology techniques, with extensive experience in performing over 2000 ICSI cycles, 1000 embryo freezing and thawing cycles, and 100 trophoectoderm embryo biopsies. Involved in research and development, with multiple international publications and presentations at national and international conferences.

Professional Experience

Senior Embryologist

Various NABH Accredited Hospitals and Fertility Centers

- Managed and performed a range of embryology procedures including ICSI, IVF, and embryo transfers.
 - Conducted over 2000 ICSI cycles and 1000 embryo freezing and thawing procedures.
 - Specialized in advanced techniques like laser-assisted hatching and embryo biopsy.
 - Developed and clinically proved a sterile water test for immotile spermatozoa in IVF settings.
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Education

M.Sc.

Postgraduate education in Embryology

Postgraduate Diploma in Clinical Embryology (PGDCE)

Generalized Academic Institute, Tamil Nadu

- Accredited one-year program in clinical embryology
 - **Bachelor of Dental Surgery (BDS)**
Generalized University, India
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Certifications

- ESHRE Certified Senior Embryologist
 - Postgraduate Diploma in Clinical Embryology
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Skills

- Semen Analysis: Sperm concentration, motility, and morphology
- Sperm Preparation: Techniques for IUI, IVF, and ICSI (swim-up, pellet, density gradient)
- Sperm DNA Fragmentation Testing
- Cryopreservation & Thawing of Semen, Oocytes, and Embryos
- Advanced IVF and ICSI Procedures
- Micro TESE, TESE, TESA, PESA Techniques
- In-Vitro Maturation (IVM) and Rescue IVM
- Embryo Biopsy (PGS/PGD), including blastocyst (trophoectoderm) and cleavage-stage biopsies
- Laser-Assisted Hatching
- Sterile Water Test Development
- Embryo Loading and Transfer Techniques
- Cumulus Co-Culture and Improved Culture Methods
- Embryoscope Monitoring and Denudation

Languages

- English
- Hindi

Membership

- Active participant in national and international fertility conferences
- Engaged with professional societies related to assisted reproduction and embryology

Areas of Interest

- Research in advanced embryology techniques
- Development of innovative solutions for fertility treatment

Publications & Research

- Published several papers in international journals on topics related to sperm DNA fragmentation, IVF, and embryology techniques.
- Presented research findings through posters and papers at notable conferences, focusing on innovations in embryology and IVF treatments.