

VIJAYAKUMAR CHELUR NARAYANAMURTHY

CONSULTANT CLINICAL EMBRYOLOGIST

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~ CAREER FOCUS ~

Practice with high standards in assignments as Consultant Clinical Embryologist

~ PRÉCIS ~

- ⇒ Over 14 years of experience in Clinical Embryology.
- ⇒ Presently from Oct'2008 associated with **Embryology Academy for Research and Training**, A division of **Shivani Scientific Industries Private Limited** MIRA Maharashtra India as **Chief Embryologist**
- ⇒ Experience of handling procurement/ installation of instrumentation for IVF Laboratory specifically to suit EUTCD/ HFEA/ ICMR Guidelines like Integrated Laminar Flow Hoods, Triple gas Incubator, Embryo Freezer, Dedicated Silicone pipelines for the CO₂, O₂ and N₂ to avoid Heavy metal poisoning, Image grabbing, archival and analysis systems.
- ⇒ Distinction of conducting more than 8000 Cycles of ART (IVF, ICSI) with other team members (Clinicians & fellow embryologists), thereby resulting in about 40% – 45% Pregnancy rates.
- ⇒ Immense ability to work cooperatively in a team.
- ⇒ Exceptional organizational and time management skills.
- ⇒ Invited as speaker/ Faculty/ Resource person in various National and International Conferences

~AREAS OF EXPERTISE~

- ⇒ Preparing and attending in theatre for egg collections, embryo transfers, Intra Uterine Inseminations and for identification and grading of eggs. Handling insemination of eggs and subsequent culture.
- ⇒ Preparing sperm from fresh or frozen semen for all IVF and ICSI treatments and intrauterine inseminations.
- ⇒ Periodic Embryo identifications, inspection, selection for transfer and/or Disposal of unsuitable embryos, which also includes Time Lapse Imaging, Model building in Time Lapse Analyser Software
- ⇒ Cryopreservation including vitrification of Gametes and Embryos.
- ⇒ Performing Intra Cytoplasmic Sperm Injection (ICSI) as required.
- ⇒ Carrying out embryo biopsies and blastomere fixation for Fluorescent In situ Hybridization (FISH), Single Cell Tubing for PCR/ Array cCGH analysis when required.
- ⇒ Performing Intra Cytoplasmic Morphologically Selected Sperm Injection (IMSI), Motile Sperm Organelle Morphology Examination (MSOME), Polarization Microscopy (PolScope), Laser Assisted Hatching (LAH)
- ⇒ Coordinating egg/embryo donation programme including donor matching, coding, maintenance of accurate records etc.
- ⇒ Responsible for the Training of personnel and people involved in all the above techniques
- ⇒ Imparting Training in quality control and Quality assurance procedures for the laboratory, including regular monitoring of equipment, culture environment and maintenance of a high standard of readiness.
- ⇒ Till date I have trained more than 160 people in various aspects of Clinical Embryology.
- ⇒ Assisting in designing, validation and/ or redeveloping gadgets for ART purposes

~ PAST EMPLOYMENT DETAILS ~

**IVF and Infertility Center, Bethel Teaching General Hospital Bethel
Addis Ababa, Ethiopia**

Consultant Embryologist

Jun'08 – Sep'2008

Highlights:

- ⇒ Instrumental in designing in consultation with Civil Engineers and Architects of Hospital, the new IVF set up.
- ⇒ Handled procurement and Installation of All the equipments of IVF laboratory including tendering for the same
- ⇒ Instrumental in getting the laboratory validated for ISO 9001:2008 certification
- ⇒ Trained 3 personnel in handling the IVF laboratory and procedures.

**Assisted Reproduction Center, KLES Dr. Prabhakar Kore Hospital & Medical Research Center,
Belgaum, Karnataka India**

Consultant Embryologist

Jun'07 – May'2008

Highlights:

- ⇒ Instrumental in designing consultation with Civil Engineers and Architects of Hospital, the new ARC set up with Class 'B' Clean rooms.
- ⇒ Handled procurement after extensive search instruments like Integrated Laminar Flow Hoods, Triple gas Incubator, Embryo Freezer, SpermFuge™, dedicated silicone pipelines for the CO₂, O₂, and N₂ to avoid Heavy metal poisoning, recording of all the procedures to hard disk.

Nashik Women's Hospital, Nashik

Clinical Embryologist

Jul'02 – May'07

Highlights:

- ⇒ Trained 2 Embryologists from Abuza, Nigeria in Micromanipulation Techniques.
- ⇒ Performed 2 batches of IVF/ ICSI cases at Mediheal Hospitals, El-Doret, Kenya.
- ⇒ Delivered guest lectures on semenology and took a workshop for Gynecologist's at OBG society of El-Doret, Kenya.

KMC – IVF/ Endoscopy Unit, Kasbekar Metgud Clinic, Shivaji Nagar, Belgaum

Embryologist

Dec'98-Jun'02

~ ACADEMIC CREDENTIALS ~

- ⇒ **M. Sc. (Microbiology)** from Kuvempu University, Karnataka India in year 1998 (*Secured 1st Class*)
⇒ **B. Sc., (Chemistry, Botany, Zoology)** from Kuvempu University Karnataka India in 1995 (*Secured 1st Class*)

~ PERSONAL DOSSIER ~

- Date of Birth : 04th January 1975
Address : #184 LAXMI NARAYANA R. S. No 226 Vidya Nagar Near Sahyadri Nagar
Belgaum – 590 019 Karnataka India
Spouse : Dr. Jyothi Vijayakumar [M.D.,] Professor and HOD Dept. Of Medicine AMSHMC
Belgaum