



**JOYCE ELIZABETH MATHEW**  
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Joyce Mathew is the Chief Embryologist of the Assisted Reproductive Technologies (ART) programme at the National University Hospital (NUH), Singapore.

She joined the ART programme at NUH, after having obtained MS from the National University of Singapore. She has extensive experience in the field of ART. Intracytoplasmic sperm injection (ICSI), blastocyst culture, embryo biopsy for preimplantation genetics, use of laser for assisted hatching, ovarian tissue cryopreservation, vitrification of oocytes and embryos are all standard practice in the ART program at NUH.

Her current focus is on ovarian tissue cryopreservation, *in vivo* maturation of oocytes and embryo biopsy for PGD and PGS. Joyce and her team have done 16 ovarian tissue cryopreservation and one ovarian tissue reimplantation which resulted in Asia's first spontaneously conceived pregnancy with a successful live birth.

Joyce has trained many embryologists and has served as consultant to several clinics and provided consulting services in various aspects of embryology including troubleshooting, laboratory design, laboratory setup etc. Given her experience in clinical embryology, she has been invited as consultant to ART clinics in Sri Lanka, China, Taiwan, Korea, India etc.

She was a lecturer and practical instructor for the Masters of Clinical Embryology course at the National University of Singapore from 1997-2001 and ART workshops conducted by National University of Singapore from 1995-2002. Currently, she is also the Chief Trainer at the Centre for Reproductive Education and Specialist Training (CREST) for basic and advanced practical training in ART for IVF specialists.

She is the recipient of the Singapore 2012 National Day commendation Medal, NUH Model Allied Health Professional award for Clinical Effectiveness in 2010 and NUH Allied Health Professional Award for Excellence in 2015.