

NAPAPHUCH CH AISIRI

LABORATORY MANAGER



PROFILE

Khun Napaphuch Chaisiri work as Laboratory Manager. With 13 years of clinical embryology experience in prominent Thai clinics. She is an expert in vitrification of eggs and embryos, ICSI, biopsy to provide starting patients journey to parenthood

EDUCATION

- **Master of Clinical Embryology / 2019**
Education Program in Reproduction and Development (EPRD), Monash University
- **Bachelor of Science in Medical Technology / 2001-2005**
Faculty of Allied Health Sciences,
Chulalongkorn University

WORK EXPERIENCE

Genea (Thailand) Clinic / Laboratory Manager

2019 - PRESENT

- Serve as a Laboratory Manager
- Train laboratory staff to competency in these skills

Stork A.R.T Clinic / Senior Embryologist

2014 - 2018

- Competent in all ART procedures, including vitrification of eggs and embryos, ICSI, biopsy (cleavage and blastocyst) for NGS and SNP analysis
- Trained laboratory staff to competency in these skills
- Monitoring of laboratory KPIs and staff KPIs
- New equipment validation and monitoring via QC/QA implementation

Safe Fertility Center / Senior Embryologist

2013 - 2014

- Competent in all ART procedures, including vitrification of eggs and embryos, ICSI, biopsy (cleavage and blastocyst) for NGS and SNP analysis

Superior A.R.T I Embryologist and Andrologist

2011 - 2013

- Superior A.R.T had a collaboration with Genea
- Competent in oocyte collection, hylasing oocytes and media preparation
- Andrology skills: semen analysis, sperm preparation and semen freezing/thawing
- Trained laboratory staff to competency in these skills

Advanced IVF Clinic I Embryologist

2005 - 2011

- Trainee to junior embryologist, competent in main embryology and andrology procedures

PROFESSIONAL EXPERIENCE

Cycle load at most recent clinic

- 500 cycles per year with 100% ICSI and 95% biopsy (3 senior embryologists share this workload)

Personal ICSI KPI

- Competent since 2013
- More than 1000 full cases during this time
- 80% fertilisation rate on average

Personal biopsy KPI

- Competent since 2013
- More than 2000 blastocysts during this time
- Less than 2% failed amplification rate

RESEARCH

- **2019 / Research question:** Does culture in hyaluronan enriched media post-blastocyst biopsy enhance recovery due to its anti-inflammatory properties
Research group : Monash University
- **2016 / Research question:** How to improve the quality of reagents for SNP amplification for cleavage stage embryos
Research group: Storkmed Company (China)

PROFESSIONAL DEVELOPMENT

- **2016 / Advanced biopsy workshop** Taiwan, Illumina specialists as trainers
- **2015 / Training and practicing in genetic laboratories for NGS** Thailand, Illumina specialists as trainers
- **2009 / Hands-on biopsy training** Chiang Mai University, Thailand
- **2009 / Intra Cytoplasmic Sperm Injection (ICSI) and vitrification training course** IVF Van Hanh, Ho Chi Minh City, Vietnam

