

Programme Director

Dr Stephen Chew, Head and Senior Consultant, Division of Reproductive Endocrinology & Infertility

Duration of Training Programme

The duration of training for Clinical Fellows is for at least 6 months, but preferably 1 year. The duration of training for Observers is between 3 to 28 days.

Objectives

- Achieve understanding of the physiology and pathology of the menstrual cycle including diagnosis and treatment of its disorders
- Achieve an understanding of physiology of conception and diagnostic workup and appropriate management of an infertile couple
- Understand the indications and basis of assisted reproduction techniques including Intra-Uterine Insemination(IUI) and In-Vitro Fertilization (IVF)
- Attain understanding of the causes, work-up and diagnosis of male infertility and coital dysfunction
- Attain knowledge of the management of menopausal women

Entry Requirements

- Has a recognized medical degree for temporary medical registration with Singapore Medical Council
- At least 3 years' experience as a Medical Officer after Housemanship / Internship
- Fluent in English and has passed TOEFL (Test of English as a Foreign Language)
- Good academic record and at least 2 referees' reports
- Not more than 35 years of age
- Citizenship of other countries or permanent residents of Singapore
- Has a training pass issued by the Ministry of Manpower in Singapore
- Has health insurance cover
- Has valid malpractice insurance cover

Components of Training (weekly rotation to the clinics)

1. Attend Infertility Clinic to attain the following competencies

- History / Examination on subfertile couple
- Able to order and interpret endocrinological testing (male & female) and semen analysis
- Discuss the diagnosis of causes of anovulation and infertility
- Formulate appropriate management plan
- Know the appropriate treatment options for the various causes of anovulation
- Prescribe and monitor response to clomifene citrate, metformin and gonadotrophin ovulation induction
- Able to organise the appropriate investigation of impaired glucose tolerance and discuss the use of insulin-lowering drugs
- The management of hyperandrogenism

2. Attend Adolescent and Menstrual Disorder Clinic to attain the following competencies

- Diagnostic workup of primary or secondary amenorrhoea
- Able to order and interpret the appropriate endocrinological testing
- Discuss the diagnosis of causes of anovulation
- Formulate appropriate management plan
- Know the appropriate treatment options for the various causes of anovulation
- To know the long term risks of Polycystic Ovarian Syndrome (PCOS) and advise the appropriate treatment lifestyle changes and weight loss
- Able to organize the appropriate investigation of impaired glucose tolerance and discuss the use of insulin-lowering drugs
- The management of hyperandrogenism

3. Attend Andrology Clinic to attain practical knowledge of

- Work-up and appropriate treatment of male infertility
- Management of male coital dysfunction

4. Attend Menopause Clinic to attain practical knowledge of

- Management issues in menopausal women
- Health screening in menopausal women

5. Attend the Clinic for Human Reproduction (CHR) to attain theoretical and practical knowledge of (daily)

- Management and monitoring of treatment cycles
 - Long GnRH protocol
 - Short GnRH protocol
 - GnRH antagonist cycles
 - Frozen embryo replacement- Natural cycle
 - Frozen embryo replacement- HRT cycle
 - Donor-Recipient cycle
- Sperm freezing
- Counseling for donated gametes

Supervision Method

The trainee will be attached to a consultant at all times.

Assessment Method

There will be a monthly review with supervisor on whether the training objectives have been met. The trainee will keep a log-book of all the patients he/she has seen.

Criteria for Early Termination of Trainees from the Programme

The programme will be terminated due to unsatisfactory performance or at the discretion of the Head of Division.

Feedback Mechanism for Trainee

The trainee can provide feedback during the monthly review with supervisor or directly to the Head of Division.