

**Aims**

- 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 Fertilisation (IVF)
- Attain understanding of the causes, work-up and diagnosis of male infertility and coital dysfunction
- Attain knowledge of the management of menopausal women

**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

**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 organise the appropriate investigation of impaired glucose tolerance and discuss the use of insulin-lowering drugs
- The management of hyperandrogenism

**Attend Andrology Clinic to attain practical knowledge of**

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

**Attend Menopause Clinic to attain practical knowledge of**

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

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

- 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