**Ovulation Induction (OI)**

**Initial Consultation with City Fertility Centre Specialist**
- Diagnosis testing
- Diagnosis
- Treatment plan

**Start of Treatment**

**A) Stimulation**
The ovaries are stimulated with medication to promote the growth of follicles containing the eggs.

**B) Control**
The response of the ovaries is monitored with ultrasounds and/or blood tests, to control the size and quantity of follicles.

**C) Egg Release**
To assist with the final maturation of the egg and loosening of the egg from the follicle wall, an injection of Human Chorionic Gonadotrophin (hCG) - the trigger - may be administered.

**D) Timed Sexual Intercourse**
A pelvic ultrasound is performed near ovulation time to show developing follicles and determine the appropriate days to have sexual intercourse to maximise the chance of fertilisation.

**Intra-Uterine Insemination (IUI)**
Intra-Uterine Insemination involves inserting sperm into your uterus. A fine tube is inserted into the opening of your uterus (cervix) where the ‘prepared’ sperm is gently transferred inside.

**Ovarian Cycle**
- Follicular phase:
  - Developing follicle
  - Mature follicle
- Ovulation
  - Ovulation
- Luteal Phase
  - Corpus Luteum
  - Corpus Albicans

**OVARY**
- Primary follicle
- Secondary follicle
- Mature follicle
- Corpus Albicans
- Corpus Luteum
- Ovulation
- Regression

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