

Hope For Infertility

IN CONSULTATION WITH DR JUDITH ONG, ASSOCIATE CONSULTANT, DIVISION OF REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY, DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY, NATIONAL UNIVERSITY HOSPITAL

Causes of infertility

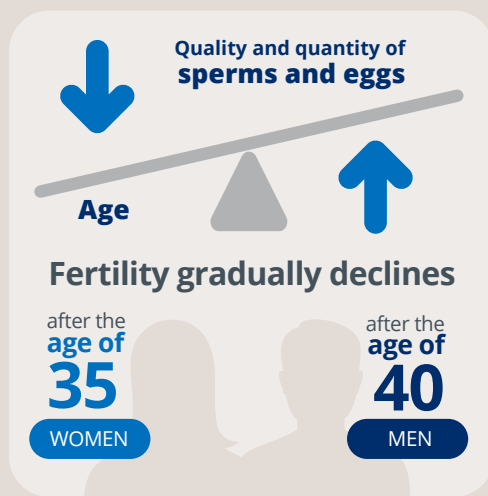


30%
female factors

30%
male factors

30%
both female and male factors

10%
no obvious reasons



MALE Causes of infertility FEMALE

Age

Abnormal hormonal production by the brain

Lack of sperm production which can be inherited or acquired

Obstruction of sperm passage

Medications: Chemotherapy, testosterone or steroid usage



Age

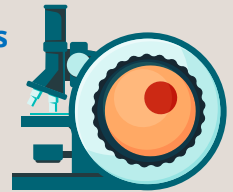
Problems with ovulation

Blockage of fallopian tubes

Low egg counts

Abnormalities in the womb lining

Medications: Chemotherapy



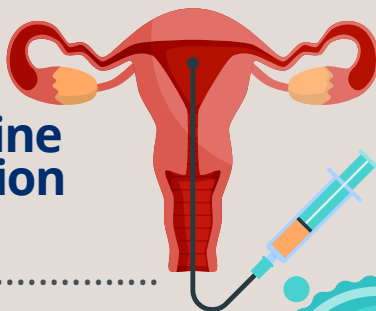
It is crucial to investigate infertility as a couple.



(e.g. blood tests, swabs, semen analysis, ultrasound, hysterosalpingogram)

Options for Overcoming Infertility

Intra-Uterine Insemination (IUI)



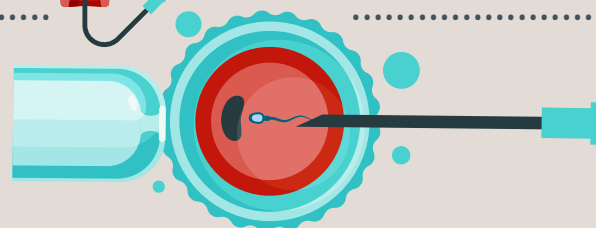
Success rate
~10% to 12%
can increase up to 20% when combined with fertility medication.

Collect and process sperm



Place processed sperm into the woman's uterus during ovulation

In-Vitro Fertilisation (IVF)



Success rate
~40% to 50%
vary with age

Stimulate woman's ovaries with injections to produce eggs



Retrieve eggs via a day surgery procedure



Collect sperm on the same day to **fertilise retrieved eggs** in a laboratory



Implant resulting embryo into the uterus