

Female infertility and treatment strategies

Infertility is defined as the inability of couples to have unprotected and regular sexual intercourse for at least 1 year (WHO, 2010) and around 15% of population face the issue with a fast increasing rate day by day. Female infertility contribute 50 of all infertility cases. The main method to treat those couples is ‘assisted reproduction techniques’ which is based on collecting the oocytes and sperm cells, fusing them in a specialised laboratory, culturing embryos and transferring them back to mother’s uterus. Although the techniques are used to treat couples who can otherwise not conceive, current treatment strategies are capable of remedying only 40 % of them.

The medication, risks and procedure mostly affect the women, and the success rate is determined mostly by the female factors during all kinds of treatments including IUI, IVF and ICSI.

The goal of this special issue is to provide additional data for all aspects of female infertility and the treatment strategies.

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