
DEVELOPMENT AND ADVANCEMENT IN TREATMENT OF INFERTILITY: A REVIEW

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ABSTRACT:

Infertility primarily refers to the biological inability of a person to contribute to conception. Infertility may also refer to the state of a woman who is unable to carry a pregnancy to full term. There are many biological causes of infertility, some which may be bypassed with medical intervention. Generally, worldwide it is estimated that one in seven couples have problems conceiving, with the incidence similar in most countries independent of the level of the country's development. Infertility in men is most often caused by problems in making sperm and sperm's ability to reach the egg and fertilize it from moving correctly. Problems with ovulation account for most cases of infertility in women. Without ovulation, there are no eggs to be fertilized. Some signs that a woman is not ovulating normally include irregular or absent menstrual periods. Less common causes of fertility problems in women include blocked fallopian tubes due to pelvic inflammatory disease, endometriosis, or surgery for an ectopic pregnancy, physical problems with the uterus, uterine fibroids. Clomiphene citrate, Human menopausal gonadotropin or hMG, Follicle-stimulating hormone or FSH, Gonadotropin-releasing hormone (Gn-RH) analog, Metformin Bromocriptine are the drugs used for infertility. In vitro fertilization, zygote intrafallopian transfer, intracytoplasmic sperm injection are the common methods of assisted reproductive technology (ART). ART procedures sometimes involve the use of donor eggs (eggs from another woman), donor sperm, or previously frozen embryos. Donor eggs are sometimes used for women who can not produce eggs. Also, donor eggs or donor sperm is sometimes used when the woman or man has a genetic disease that can be passed on to the baby. Some herbal medicines are also available for infertility.

KEY WORDS: ART, FSH, Infertility, In vitro fertilization, LH, zygote intrafallopian transfer.

INTRODUCTION

Now a day's more and more couples are showing up at fertility clinics around the world, searching for answers, hope and eventual parenthood. In this society to a woman unable to bear a