



GIVING HOPE & POSSIBILITY
Since 2006

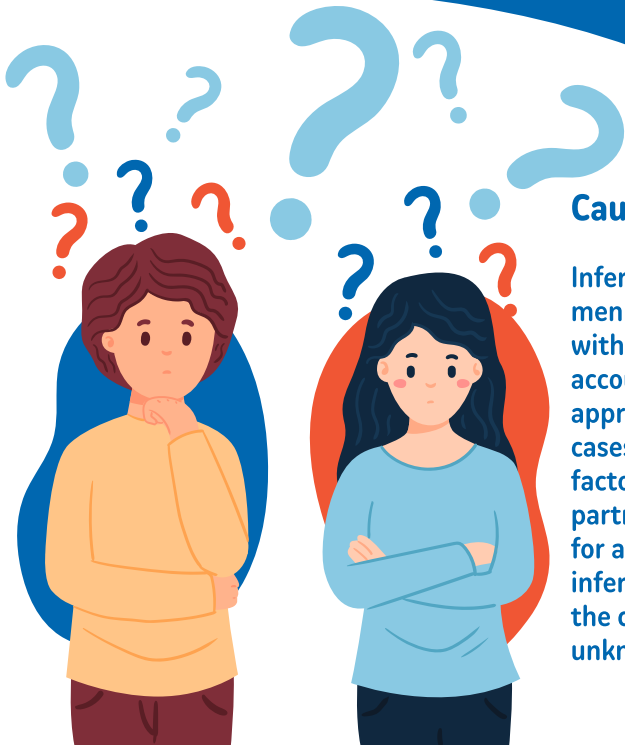


AmbujaNeotia



Infertility Conditions: Understanding the Causes and Impact

Infertility is a condition of the male or female reproductive system, defined by the failure to achieve a pregnancy after 12 months or more of regular unprotected sexual intercourse. It affects millions of people worldwide, with approximately one in every six people of reproductive age experiencing infertility in their lifetime.



Causes of Infertility

Infertility affects both men and women equally, with each gender accounting for approximately 30% of cases. A combination of factors from both partners is responsible for another 30% of infertility cases, while the cause remains unknown in 10% of cases.

Symptoms of Male Factor Sub-Fertility

- Low sperm count or poor sperm quality
- Erectile dysfunction or ejaculation problems
- Hormonal imbalances or genetic disorders
- Infections or inflammation of the reproductive tract
- Varicoceles or other anatomical abnormalities
- Previous injuries or surgeries affecting fertility



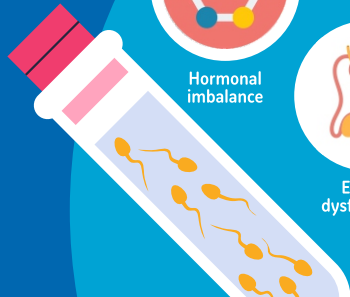
Low / poor sperm count



Hormonal imbalance



Erectile dysfunctions



A



Problem in the male reproductive

system: Infertility can be caused by problems in the ejection of semen, absence or low levels of sperm or abnormal shape and movement of the sperm.

Male Factor Infertility

Male infertility can be caused by obstruction of the reproductive tract, hormonal disorders, testicular failure and abnormal sperm function and quality. These can include blockages in the tubes that carry semen, hormonal imbalances, varicoceles and abnormal sperm shape and movement.

Problem in the female reproductive

system : infertility may be caused by a range of abnormalities of the ovaries, uterus, fallopian tubes and the endocrine system.

Female Factor Infertility

Female infertility can be caused by tubal disorders, uterine disorders, ovarian disorders and endocrine system disorders. These can include blocked fallopian tubes, endometriosis, polycystic ovarian syndrome and hormonal imbalances.

B



Symptoms of Female Factor Sub-Fertility

- Irregular or absent menstrual cycles
- Pelvic pain or heavy bleeding during periods
- Endometriosis or polycystic ovary syndrome (PCOS)
- Blocked or damaged fallopian tubes
- Ovarian cysts or fibroids
- Hormonal imbalances or thyroid disorders
- Previous miscarriages or failed fertility treatments



Hormonal imbalance



Endometriosis



Previous miscarriages



Lifestyle Factors and Environmental Toxins

Lifestyle factors such as stress, smoking, excessive alcohol intake and obesity can affect fertility. Exposure to environmental pollutants and toxins can also negatively impact fertility.

D

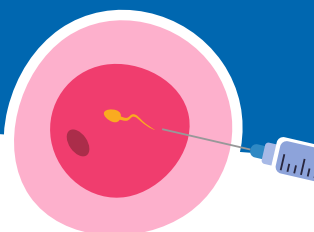
Unexplained Infertility

Unexplained infertility is a diagnosis given when a fertility specialist cannot identify a specific cause of infertility after comprehensive testing and evaluation of a couple or individual. This diagnosis is given when the woman's fallopian tubes and ovulation are normal and the man has healthy sperm.



Why Addressing Infertility is Important?

Infertility can negate the realization of essential human rights, including the right to decide the number, timing and spacing of children. Addressing infertility is crucial for individuals and couples to form a family and exercise their reproductive rights.



When to Visit the Centre?

If you're experiencing any of the above symptoms or have been trying to conceive for over a year, it's time to seek professional help. Our expert team will work with you to identify the underlying causes of your infertility and develop a personalized treatment plan to help you achieve your **dream of parenthood**.



Welcome to

Genome - The Fertility Centre, Where Hope Meets Possibility.

At Genome, we understand the emotional journey of building a family. Our comprehensive Fertility Centre is dedicated to providing personalized care and latest technology to help you achieve your dream of parenthood.

Empowering Dreams, Ensuring Success for more than last 18 years!

Genome was initially launched in **early 2006** within the premises of the iconic **Bhagirathi Neotia Woman and Child Care Centre, Kolkata** to deal with the problem of infertility and soon expanded into independent mothercentres to give fertility success in a comprehensive manner.



With a proud lineage of the prestigious and trusted **Ambuja Neotia Group**, Genome is successfully delivering happiness to childless couples over the last 18 with independent mothercentre at Kolkata and satellite centres at Garia, Medinipur & Bardhaman.

Genome is seen as a ray of Hope to Childless Couples in eastern India with a confluence of Science, Institutional Support & a Humane touch.

Services

Genome adheres to international standards of fertility treatment with its world-class services:

- Fertility Consultation & Counselling
- In-Vitro Fertilisation (IVF)
- ICSI (Intra-Cytoplasmic Sperm Injection)
- Intra-Uterine Insemination (IUI)
- Fertility Diagnostic Services
- Ovum Donation, Ovum Sharing
- Endometrial Receptivity Array (ERA)
- Semen Donation & Banking Support
- Semen Analysis-Husband
- Folliculometry
- Embryo Cryopreservation
- Frozen Embryo Transfer (FET)
- Laser Assisted Zona Hatching
- Laparoscopy & Hysteroscopy Fertility Surgery Services
- Testicular Sperm Aspiration (TESA)
- Testicular Sperm Extraction (TESE)
- Pre-Implantation Genetic Diagnosis (PGD)
- Pre-implantation Genetic Screening (PGS)
- Ovarian Aspiration
- (SSG & HSG) Sono-Salpingogram & Hystero-Salpingogram
- Blastocyst Culture
- Sequential Transfer
- Endometrium Receptivity Diagnosis
- Genetic Counselling
- Fertility Preservation – Oocyte Freezing
- Psychological Counselling
- Embryology Counselling
- Financial Counselling
- Clinical Counselling



State-of-the art IVF Laboratory



Key Features of Our Comprehensive Fertility Centre



State-of-the-art Embryology laboratory and equipments



Expert team of dedicated board certified FNB fertility specialists



Internationally trained and highly experienced embryologists



Personalized treatment plans tailored to your unique needs



Advanced fertility testing and diagnosis



Comprehensive range of fertility treatments, including IVF, ICSI, IUI and egg/sperm freezing backed by the state of the art IVF & Andrology laboratories



Expert and dedicated team of reproductive endocrinologists, psychological, genetic and financial counsellors remain with you throughout your success journey



Take the First Step Towards Building Your Family..



Get in Touch with us :

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A Unit of Ambuja Neotia Healthcare Venture Limited | CIN: U85110WB2007PLC113081

Locations : Kolkata | Garia | Burdwan | Medinipur

www.genomeivf.com



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