

## Recurrent implantation failure and IVF

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**R**ecurrent implantation failure (RIF) is a distressing and frustrating entity which means failure to achieve a clinical pregnancy after transfer of at least four good-quality embryos in a minimum of three fresh or frozen cycles in a woman under the age of 40 years. It mainly depends on embryonic and uterine factors. Embryonic factors include poor-quality oocyte, poor-quality spermatozoa and parental chromosomal anomalies. Uterine factors include uterine cavity abnormalities/pathologies and immunological factors. Embryonic factors are managed by selecting proper ovarian stimulation protocol, better selection of sperms by ICS or IMSI and better selection of embryo by performing blastocyst or sequential transfer, assisted hatching, preimplantation genetic screening (PGS), by using embryoscope etc. Uterine factors are managed by performing diagnostic or operative hysteroscopy, providing medical treatment to improve endometrial lining and also providing immunotherapy. In our center, in failure cases, after proper counseling, we perform pre IVF hysteroscopy, give immunotherapy in the

form of IV immunoglobulins, perform ICSI, assisted hatching, sequential transfer and also offer PGS in some cases. Success rate can improve in women with recurrent implantation failure if embryonic and uterine factors are managed well.

### Speaker Biography

Kaberi Banerjee is a seasoned Obstetrician and Gynecologist with more than a decade of experience in IVF infertility management. She is an infertility and IVF Specialist, trained from the prestigious Guys and St. Thomas Hospital, London, where she went as a commonwealth scholar. She has spent three years in London (UK) and done rigorous training in infertility and IVF. She has worked as Senior IVF specialist in major corporate hospitals in Delhi and performed more than 3000 IVF cycles so far. Her field of expertise includes repeat IVF failures and its treatment, donor and surrogacy procedures. She is currently working as a Clinical Director of Advanced Fertility and Gynecology Center, New Delhi. She has received many renowned national awards, including IMA award in IVF in 2007 and Bharat Jyoti Award in 2008, for outstanding contribution in Medicine. She is the organizing chairperson of CUPART (Current Practices and Recent Advances in ART), an International organization to facilitate right treatment and research in fertility and IVF; founded in the year 2011. She has also been a key speaker in this field in many national and international platforms.

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