

Jaslok Hospital and Research Centre installs Cryogatt System for IVF

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Jaslok Hospital and Research Centre takes first of its kind initiative by installing Asia's first Cryogatt System for IVF (In-Vitro Fertilization).

Cryogatt has developed Globally-Unique patented RFID systems which operate at accepted safe levels for delicate biomedical samples. During IVF, there is usually a surplus of embryos and this technique will help in storing and tracking the embryos.

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Dr Firuza Parikh, IVF Specialist at Jaslok Hospital and Research Centre was quoted saying, "We are thrilled to have always been amongst the first centres in the world to harness new technology to provide the highest quality care for our patients. For the people who have a blocked tube, IVF provides the best opportunity of having a child using their own eggs. Couples with male infertility problem might have a much higher chance of conceiving with IVF than conceiving naturally. People who suffer from PCOS (Polycystic Ovary Syndrome), where there is a hormone imbalance leading to irregular menstrual cycles. IVF has been proven very successful in patients with PCOS, who will not conceive with ovulation induction. Many other problems like these can be taken care of with the help of IVF and it can help people have a family of their own."

George Alex Chief Marketing Officer and Chief Operational Officer at Jaslok Hospital and Research Centre said, "IVF helps patients who are unable to conceive. Medicines and procedures required for IVF rarely are associated with problems or complications. While many couples who are unable to bear children opt for IVF, doctors, nurses, technicians and staff of Jaslok Hospital will be there with you every step of the way, providing you with the comfort, support and expertise you need.

Dr Firuza Parikh, further added saying, "Embryos, sperm and ova can be indefinitely stored at -196 degrees Centigrade. The samples are traditionally placed in vials that are either bar coded or labelled manually. One has to be very careful that there is no mix up of biological samples. Sometimes the labels can become unstuck on defreezing. Also the correctly labelled straw has to be identified and removed from the other samples in less than 15 seconds. Any longer exposure can damage the

biological material."

IVF also helps patients to avoid passing on certain genetic conditions, and allows hopeful parents to plan having children after establishing a career or achieving other milestones. The launch resulted in safeguarding the samples using fast, faultless RFID solutions.