

Bloom IVF launches BAUFICI Genetics Lab on World Down Syndrome Day

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On World Down Syndrome Day, Bloom IVF clinics in India has launched BAUFICI Genetics Laboratory with advanced state-of-the-art facilities to support successful IVF treatments.

All latest genetic tests including NIPT are now available at BAUFICI Genetics to detect abnormalities at different levels of pregnancy.

Every year on March 21, World Down Syndrome Day is observed to create awareness about Down syndrome. It is a condition in which a child is born with an extra 21st chromosome. Many genetic abnormalities including chromosomal abnormalities such as Down syndrome can be detected with genetic testing during pregnancy. Other disorders that can be detected include cystic fibrosis, muscular dystrophy, haemophilia, polycystic kidney disease, sickle cell disease, and thalassaemia.

"The fear that engulfs every expectant parent these days, is the outcome of pregnancy: whether the baby will be healthy or have any defects, unfortunately, if the genetic problem is detected late, then it would lead to the birth of a physically and/or cognitively challenged child," said Dr Hrishikesh Pai Gynaecologist and Infertility Specialist, Bloom IVF, Fortis Hospital GK-2 New Delhi & Lilavati Hospital Mumbai.

"The next-generation sequencing is designed to employ massively parallel strategies to produce large amounts of DNA sequencing, from multiple samples at very high-throughput and at a high degree of sequence coverage. NGS also is more effective in assessing mosaicism in embryos, following PGTA," said Dr Nandita Palshetkar, Gynaecologist & Infertility Specialist, Bloom IVF, Fortis Hospital GK-2 New Delhi & Lilavati Hospital Mumbai.