

India performs novel living donor liver transplant on 16-year-old

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Gleneagles Global Health City successfully performed complicated surgery amid COVID pandemic



A 16 years old boy from Chennai who was suffering from decompensated chronic liver disease due to Cholesteryl ester storage disease, has undergone a successful liver transplant at Gleneagles Global Health City. Across the globe, only 17 such cases have been reported and this is the first such case reported in India.

This is one of the rare genetic liver diseases which affects the liver at childhood and further leads to liver failure as the child grows older. It is caused by a mutation in the LIPA gene. The team of 10 experts spearheaded by Dr Joy Varghese, Dr Rajanikanth Patcha, Dr Selvakumar Malleeswaran & Dr Perumal Karnan took 8 hours to perform the complicated surgery amid COVID-19 pandemic and brought the boy back to life.

The boy named Dilli Ganesh was diagnosed with Jaundice at the age of 2. He underwent a detailed evaluation at the Institute of Child Health, Egmore, Chennai. Despite all supportive medications, he suffered from persistent jaundice which progressively increased over time. In the month of July 2020, he was referred to Gleneagles Global Health City in a critical condition.

He presented with swollen leg, abdomen distension (swelling of the abdomen) which was a clear sign of Liver cirrhosis. The boy was on his feet from 3rd-day post-liver transplant and resumed his normal diet from the 5th day onwards. On the 14th day from the date of surgery, the boy was discharged from the hospital.