

# City hospital performs live donor liver transplant without blood transfusion

TIMES NEWS NETWORK

**Pune:** A city hospital successfully performed a live donor liver transplant without the need for blood transfusion recently on a 52-year-old man suffering from end-stage liver disease after his wife agreed to donate a part of the organ to save his life.

The 12-hour surgery was conducted on December 4 last year. Both the donor and the recipient have been doing fine and the patient did not even require any ventilator support after the transplant surgery, doctors from Jupiter Hospital, where the procedure was carried out, said.

Dr Abhishek Yadav, director hepato-pancreato-biliary

## METICULOUS PLANNING KEY

➤ Liver transplant is historically associated with massive blood loss and transfusion

➤ This is changing as over the past two decades, there has been a dramatic drop in need for blood transfusion



Conventional liver transplant requires 10-15 units of blood transfusion. To perform a liver transplant without blood transfusion requires skill, experience and teamwork from the transplant team

— **Dr Abhishek Yadav** | DIRECTOR  
HEPATO-PANCREATO-BILIARY SURGERY AND  
LIVER TRANSPLANT SURGEON, JUPITER HOSPITAL

surgery and liver transplant surgeon, Jupiter Hospital, said, “Live donor liver transplant involves the removal of a portion of a healthy person’s liver and transplant it into the body of the recipient. The liver then regenerates in both the donor and the recipient. While this procedure has re-

volutionized the treatment of end-stage liver diseases, it has traditionally been associated with challenges, such as significant blood loss and the subsequent need for blood transfusion.”

The couple hail from Karad. The man, who works as a supervisor with a power supp-

ly firm, was diagnosed with the liver disease in 2019. He was advised transplant in November last year.

The doctors said his wife immediately agreed to donate a part of her liver to save his life. Dr Pavan Hanchanale, consultant - liver transplant physician and hepatologist, said, “Liver transplant surgery is a highly intricate procedure. Individuals with liver cirrhosis, who experience impaired blood clotting and a propensity for bleeding, typically require multiple blood transfusions during the surgery.”

The recipient said, “My liver was functioning only 10-20% and the transplant was the only option. My wife’s decision has given me new life.”