

# City hospital performs living donor liver transplant sans blood transfusion

**EXPRESS NEWS SERVICE**

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IN A significant achievement, Jupiter Hospital in Pune successfully performed a 'living donor liver transplantation' without the need for blood or blood product transfusion. The procedure became necessary when a 52-year-old man, diagnosed with end-stage liver disease, needed a living donor liver transplantation. His wife donated a portion of her liver to save her husband's life.

Dr. Abhishek Yadav, director of HPB surgery and liver transplant surgeon, Jupiter Hospital, said, "Living donor liver transplantation involves the removal of a portion of a healthy donor's liver, which then regenerates in both the donor and the recipient. While this procedure has revolutionized 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 transfusions." Unlike conventional liver transplant procedures, the liver transplant team at Jupiter Hospital conducted the entire operation without resorting to blood transfusion. The reduced reliance on blood transfusion aligns with improved patient outcomes and set a new standard in liver transplant surgeries. Following the 12-hour surgery performed on December 4, the patient did not require ventilation post-surgery.

"The successful completion of a living donor liver transplantation without the need for blood transfusion is a result of the collaborative effort and expertise of our team. This breakthrough not only demonstrates the technical prowess of our surgeons but also emphasizes our commitment to advancing patient care standards," Dr Yadav said.