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Mumbai : Domino kidney transplants at 3 City hospitals

The city will witness the country's first domino transplant on Tuesday, involving five recipients and donors. The surgeries will be conducted across PD Hinduja Hospital in Mahim, Bombay Hospital in Marine Lines and Dr LH Hiranandan Hospital in Powai. A team of 40 doctors will perform the kidney transplants simultaneously, giving a new lease of life to five end stage kidney failure patients.

“There are five families involved in the domino trans plant, of which four are from Mumbai and one is from Rajasthan.

Five patients of kidney failure along with five of their relatives will participate in this chain-operation,” said Dr Sriranga Bichu nephrologist at Bombay Hospital.

The doctors said all operations would be swap transplants where patient A's relative will donate a kidney to patient B whose relative will donate to patient C till the last patient's relative will donate to patient A.

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5 patients get new kidneys in record op at 3 city hospitals

TRANSPLANT REGISTRY Database helped match four families from city and one from Rajasthan

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MUMBAI: A team of 40 doctors from the city, on Tuesday, successfully performed the country's first five-way, multi-hospital domino kidney swap transplants. The transplant involved five donors – two men and three women – along with five recipients – three men and two women.

The five people, who do not wish to be named, faced the dilemma that most kidney failure patients go through. Though their relatives were willing to donate, their blood groups and tissue types did not match. Hence, they registered with the Apex Swap Transplant Registry (ASTR).

Within months of registering, ASTR identified these five pairs who could participate in the domino swap kidney transplant (see graphic).

"A swap registry is like a matrimony site, which allows patients to request a specific type of donor

MARATHON TRANSPLANT

The cost of a kidney transplant is anywhere between Rs4 and Rs5 lakh at a private hospital

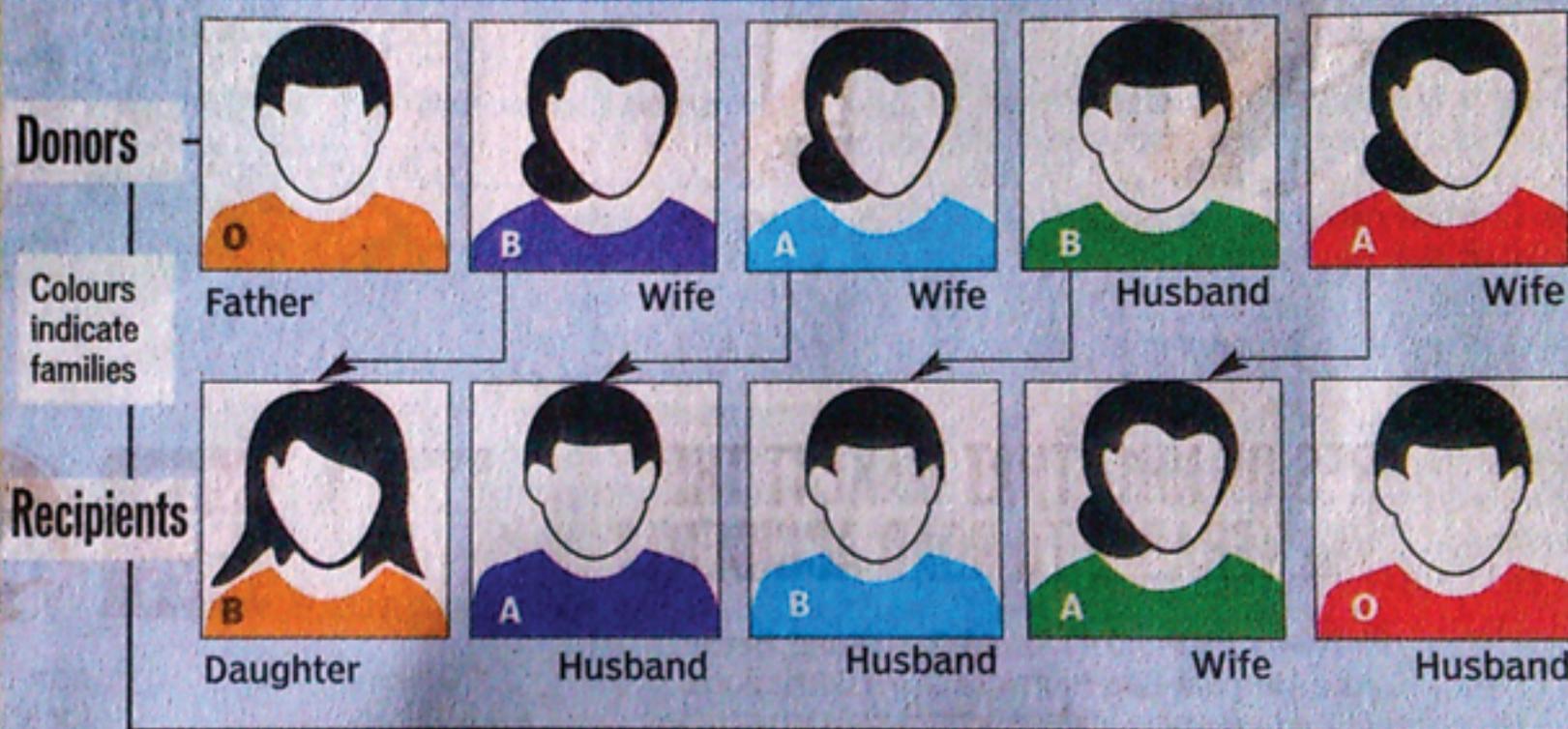
More than 2,500 end-stage kidney failure patients are waiting for a kidney donation

The Apex Swap Transplant Registry (ASTR) has conducted 30 swap transplants in the past few years

To contact ASTR – www.apexkidneyfoundation.org

022-25278908/ 25278909

DOMINO TRANSPLANT ROADMAP



with a particular blood, tissue type and age," said Dr Vishwanath Billa, nephrologist and transplant physician at Bombay Hospital, Marine Lines.

Billa said, "As it is a new concept, the permissions to conduct the transplant were

time-consuming."

In the marathon transplants, patient A's wife donated her kidney to B whose father donated his kidney to C. C's wife donated her kidney to D whose husband donated his kidney to E. E's wife then donated to A, thereby com-

pleting the chain.

Doctors involved in the transplants performed ten surgeries at PD Hinduja Hospital in Mahim, Bombay Hospital and Dr L H Hiranandani Hospital at Powai.

"To avoid transporting the kid-

neys, we convinced the donors and the recipients to remain admitted in the same hospital. Usually, families prefer to be in the same hospital but we did not want to risk the procedure," said Dr Shrirang Bichu, nephrologist, Bombay Hospital.