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A first in world medical history! Turkish doctors performed 7 liver transplants at the same time

İnönü University Liver Transplantation Institute broke new ground in world medical history. The heptad cross liver transplantation operation, which was performed simultaneously and actively by a team of 120 people, including 50 surgeons, in 14 operating rooms, was successfully completed.





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Life News

Director of İnönü University Liver Transplantation Institute, Prof. Dr. Sezai Yılmaz stated that they performed a quadruple liver transplantation consisting of 7 donors and 7 recipients and said, "I do not see it possible to perform an operation of this magnitude anywhere else in the world in the next 50 years. We have one of the world's exemplary liver transplantation teams. İnönü University is the world's global pioneer in cross liver transplantation."



PIONEER OF LIVER TRANSPLANTATION IN MALATYA

Stating that 17 triple cross liver transplants have been performed in the world so far and 14 of them were performed at İnönü University, Yılmaz said, "So far, 7 quadruple cross liver transplants have been performed in the world, all of them were performed in Malatya. 3 six and 3 quintuple cross liver transplants were performed. All of them were performed here. We were the first to perform the seven-cross liver transplantation, today is a historic day, we also performed the second seven-cross liver transplant."



MAXIMUM BENEFIT WAS PROVIDED WITH 7 TRANSPORTATIONS

Cross liver transplantation is a method developed for patients who cannot undergo direct transplantation due to blood group or tissue incompatibility. In this process, compatible matches are made between two or more liver donors and recipients, so that each recipient can receive a liver that is suitable for him/her. Transplant operations are usually performed simultaneously and each recipient receives the liver that is most suitable for him/her. Cross transplants provide many advantages over traditional transplants. This method allows more patients to be transplanted by overcoming incompatibility problems. In this sense, maximum benefit was achieved with 7-cross transplantation.

A SPECIAL ALGORITHM WAS USED

Yılmaz emphasized that cross liver transplants are a method achieved through the cooperation of more than one branch of science; "We are working with two scientists from Boston College. Prof. Dr. Tayfun Sönmez and Prof. Dr. Utku Ünver are the economists who have the most important role in the team that won the "Nobel Prize in Economics" with cross kidney transplants in 2012. Thanks to the algorithm they developed, multiple crosses are possible, cross liver transplantation is truly an extremely innovative approach," he said.



A MOTHER FROM CRIMEA GAVE HER LIVER TO ANOTHER PATIENT, AND HER DAUGHTER RECOVERED HER HEALTH

Yılmaz said, "Today, one of our patients applied from Crimea for a liver transplant with 7 living donors, a cross liver transplant. He is originally Turkish but lives in Crimea. He came with his mother, a girl who has been waiting for a liver transplant for a long time, thanks to

this cross liver transplant, she was able to find a liver graft from one of our patients, and her mother gave a liver to another patient. I can say that we were able to achieve an extremely good result."