

A multicentre randomised controlled trial to compare the efficacy of ex-vivo normothermic machine perfusion with static cold storage in human liver transplantation

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Method Article

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Abstract

The global organ shortage has necessitated the use of increasingly marginal livers for transplantation. The current standard method of liver preservation, static cold storage (SCS), is not suitable for many marginal organs, increasing the risk of significant complications or graft failure. Normothermic machine perfusion (NMP) enables the liver to be preserved in a functioning physiological state. Previous animal studies suggest this may improve the quality of organs after transplantation. This protocol relates to the first multi-national, randomised controlled clinical trial to directly compare SCS with NMP in human liver transplantation.

Procedure

Please see attached trial protocol for details

Supplementary Files

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