

Normothermic regional perfusion

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This technique has been developed for donation after circulatory arrest. A cardiopulmonary bypass system is used to recirculate the donor's own blood through the thoracic and abdominal organs for 2 hours. The underlying principle is to avoid early cold ischaemia injury. The early experience of normothermic regional perfusion in DCD liver preservation and transplantation shows reduced rates of early allograft dysfunction.

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