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**Concise review of machine perfusion in liver transplantation**

Desai CS *et al.* Machine perfusion in liver transplantation

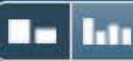
Chirag S Desai, David A Gerber

#### **Abstract**

With the advances and clinical growth in liver transplantation over the last four decades the focus on expanding deceased donor organs has been in need of scientific research. In the past ten years several researchers have looked at the domain of machine perfusion as it applies to deceased donor livers. The following review focuses on the clinical trials and recent advances that will likely have the earliest entrance into the clinical arena.

**Key words:** Liver transplantation; Machine perfusion; *Ex vivo* perfusion; Ischemia reperfusion; Organ preservation

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