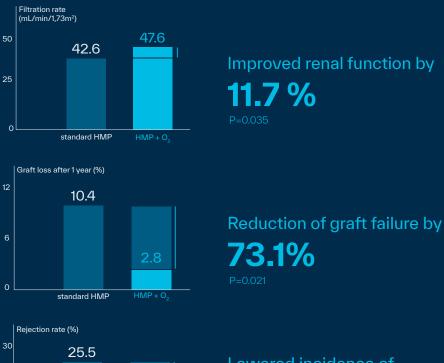
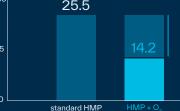
COMPARE trial: new hope for kidney preservation¹⁰

The study investigated if supplemental oxygen during hypothermic machine perfusion improves outcomes of kidneys donated after circulatory death (DCD). The study was: randomized, controlled, multicenter, double-blinded, paired, n = 106 donor pairs from DCD donors age ≥ 50 .

The study showed that:





Lowered incidence of acute rejection by **44%**

P=0.040

The study also suggests that hypothermic machine perfusion with oxygen (HMPO) can reduce:

- Severe complications
- Additional diagnostic procedures
- Hospital readmission
- Cost for chronic dialysis



02



Kidney Assist Transport

Unlock the power of oxygen

XVIVO

Kidney Assist Transport

Unlock the power of oxygen

Disposable Cartridge Unique pre-assembled sterile set containing reservoir, pulsatile pump, oxygenator, filling line, sampling port and

Intuitive User Interface Touch screen display for optimal interaction and visualization of the perfusion characteristics

pressure sensor

XVIVO's Kidney Assist Transport is a portable device that allows hypothermic pulsatile perfusion of donor kidneys with oxygenated solution for up to 24 hours.

Ease of Use

Plug- and play-design to allow for quick and easy set-up, improved accessibility and safe handling

State-of-the-Art Oxygen Transfer Hollow fiber membrane oxygenator for continous,

oxygenator for continous, full and active oxygenation of the perfusate

Rechargeable Batteries

Battery pack for 24 hours stand-alone perfusion. Additional use of auxiliary power enabled

Integrated Oxygenation

Cylinder with 100% medical oxygen and regulator to ensure optimal oxygenation. Option to connect to oxygen from wall outlet available Efficient Cooling

Easily accessible ice containers to ensure 24 hours hypothermic conditions

Unlock the power of oxygen with XVIVO's Kidney Assist Transport





Unique patch holder for easy connection

Designed to facilitate anastomosis of the renal artery and eliminate the risk of direct cannula damage.¹

X/I/C

Improved transplantation outcomes with non-oxygenated hypothermic machine perfusion compared to static cold storage

Results from clinical trials demonstrate that hypothermic machine perfusion (HMP) compared to static cold storage leads to:

- Reduced risk of delayed graft function^{2,3}
- Improved graft survival at 1 and 3 years^{2,4}

Furher it is demonstrated that HMP in DCD kidneys leads to:

- Reduced risk of delayed graft function^{5,6,7,8,9}
- Improved graft survival at 1^{7,8} and 3 years⁷

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Not all XVIVO products are approved in all markets.

Nobody should die waiting for a new organ

Founded in 1998, XVIVO is the only medical technology company dedicated to extending the life of all major organs - so transplant teams around the world can save more lives.

Our solutions allow leading clinicians and researchers to push the boundaries of transplantation medicine.

Scan this QR-code to get in touch with us!



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