OrganOx® is a medical device company with a mission to increase the quality and supply of organs for transplantation. The OrganOx metra™ enables preservation and viability assessment of livers prior to transplantation for up to 24 hours using oxygenated blood at 37°C. The technology has been in development for over 15 years based on the studies of Professors Peter Friend & Constantin Coussios, Oxford University.

**Cold Liver Preservation**
- Organ perfused with cold solution at 4°C without nutrition or oxygenation
- Preservation up to 12 hours
- Non-functioning organ during preservation
- Assessment of organ performance during preservation not possible
- Applicable to DCD donors for up to 15 minutes warm ischaemia
- Poor applicability to steatotic organs

**Warm Liver Preservation**
- Organ perfused with blood at 37°C with nutrition and physiological oxygenation
- Preservation up to 24 hours*
- Functioning organ during preservation
- Continuous assessment of haemodynamic, metabolic and synthetic organ performance during preservation
- Applicable to DCD donors for up to 40 minutes warm ischaemia*
- Potentially enables use of steatotic organs

*Demonstrated in pre-clinical models and associated publications with a clinical investigation in progress Exclusively for clinical investigations.

**A liver at the commencement of perfusion (t = 0s)**
- Note the colouration of the liver

**A liver following 60 seconds of perfusion (t = 60s)**
- Note the colouration of the liver