

NHS BLOOD AND TRANSPLANT

LIVER ADVISORY GROUP

Data Collection in Organ Perfusion

Draft proposal for a Common set of data to be collected by NHSBT for all organs, incorporating clinically important information about aspects of perfusion. Although processes are different, it is felt that we can use the same template for all organs. This might simplify implementation.

Please consider these data points, and their relevance to your organ.

Start of in situ normothermic regional perfusion
End of in situ normothermic regional perfusion

Time of start of cold perfusion in donor
Time into ice on back table
Time packed in ice box
Fluid used
Serial number

Time machine perfusion started
Type of Machine
Temperature
Continuous or pulsatile
Arterial perfusion pressure
Time perfusion ceased
Fluid used
Serial or Batch Number

Pre-implantation perfusion at recipient site (NOT FLUSH)

Organ out of ice/perfusion machine
Start of pre-implant perfusion
Temperature (ice-cold/room temperature/normothermic)
End of pre-implant perfusion
Fluid used
serial number

Additional flush after perfusion
time Out if ice/off preservation machine
Time of reperfusion in recipient

John Dark
National Clinical Lead
Governance, ODT