

## Clinical Process Instruction Manual

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### DCC Surgical Recovery Coordinator Process Instruction

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#### Policy:

Ontario Health (Trillium Gift of Life Network [TGLN])'s Surgical Recovery Coordinator (SRC) or designate, Hamilton Perfusionist, London Health Sciences Transplant Donor Specialist, or Organ and Tissue Donation Coordinator (OTDC) is responsible for facilitating surgical recovery in cases of organ donation after death determination by circulatory criteria (DCC). The SRC or designate acts as the communicating link between Provincial Resource Centre (PRC) and the recovery surgeons, recipient surgeons and OTDC.

The SRC or designate ensures that the organ kits are properly prepared and all organs are properly labelled, packaged and delivered. Furthermore, the SRC or designate is responsible for preparing the sterile back table in the OR, administering aortic and portal perfusion at the direction of the lead recovery surgeon, and repacking all the surgical recovery supplies into its appropriate kit.

#### Process:

1. The recovery team endeavours to arrive at a minimum one hour prior to scheduled withdrawal of life-sustaining measures (WLSM) for a DCC donor, and 2 hours prior to a scheduled Medical Assistance in Dying (MAID) provision.
2. The SRC or designate sets up all perfusion and packaging supplies.
3. If WLSM is occurring in the OR:
  - 3.1. The recovery team scrubs in and leaves the OR prior to WLSM
  - 3.2. The recovery team re-entered the OR upon cessation of spontaneous circulation and prepares for recovery.
4. The recovery team scrubs in and leaves the OR if the WLSM is occurring in the OR.
5. The recovery team re-enters the OR upon cessation of spontaneous circulation and prepares for recovery.
6. The SRC starts the aortic and/or pulmonary flush on the direction of the surgical recovery physician.
7. The SRC or OTDC informs the Clinical Services Coordinator (CSC) of WLSM time and arrest time.

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8. The SRC records the relevant time points on the “*Organ Specific*” *Recipient Transplant Operating Room Data* form(s).
9. The SRC or designate informs the CSC of the skin cut and flush time, and suitability of the organ.
10. The SRC assists in the back-table perfusion with the direction of the surgical recovery physician.
11. The SRC assists in perfusion and packaging of organs as per the instructions listed in the reference section.
12. The SRC documents the lot number and date of expiry of all solutions, supplies, and medications used in the OR in the donor chart in the TGLN donor management system.

#### Records:

Record Name	Form No. (if applicable)	Record Holder	Record Location	Record Retention Time (as a minimum)
“Organ Specific” Recipient Transplant Operating Room Data	—	PRC	PRC	10 years

#### References:

- *Perfusion & Packaging: Heart Process Instruction, CPI-9-408*
- *Perfusion & Packaging: Liver Process Instruction, CPI-9-409*
- *Perfusion & Packaging: Lung Process Instruction, CPI-9-410*
- *Perfusion & Packaging: Small Bowel & Abdominal Cluster Process Instruction, CPI-9-411*
- *Perfusion & Packaging: Whole Pancreas, Kidney/Pancreas or Pancreas for Islets Process Instruction, CPI-9-412*

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- *Perfusion & Packaging: Kidney Perfusion without LifePort™ Pump Process Instruction, CPI-9-414*
- *Checklist for Organ/Tissue Surgical Recovery on the ORC*