



nPOD Organ Recovery Protocol for Neonatal Donors

Organs: Recover as if for transplant.

1. Pancreas and pancreatic lymph nodes:
 - a. Entire pancreas and peripancreatic fat
 - b. Attached duodenum tied closed at both ends and excised with pancreas
2. Spleen (whole organ preferred, but ½ is acceptable)
3. Non-pancreatic lymph nodes: 3-4 (if possible)
4. Thymus (if possible)

All organs are to be placed in chilled solution (UW or HTK or other comparable) and shipped to University of Florida via Quick/Sterling.

If you are referring to IIAM or NDRI, they will handle shipping and provide you with a copy of this nPOD protocol. If you are shipping directly, we will assist you with this process.

Blood tubes:

1. Specific details are included below in #7-8.
 - a. Blood from mom: 2 red and 2 yellow/green top tubes
 - b. Blood from baby: 1 red and 1 yellow/green top tubes (can be cord blood)

Detailed Instructions:

- 1) Please recover the entire pancreas with as much peripancreatic fat as possible (this will contain pancreatic lymph nodes);
- 2) The pancreas and peripancreatic fat will be excised with attached duodenum and spleen (whole organ preferred, but ½ is acceptable);
- 3) The duodenal bowel contents will be “milked” away from the pancreas as much as reasonably possible and then the duodenum will be tied off with a length of ~2-3 cm space between rows, this will avoid cross contamination of the pancreas with bowel contents;
- 4) Three (3) to four (4) non-pancreatic lymph nodes will be packaged separately in a conical tube with chilled UW or HTK (if possible);
- 5) Recover whole thymus (if possible);
- 6) All specimens shall be placed in a container with chilled UW or HTK ; specimens may be placed in NSS and maintained at 4C, if UW or HTK are not reasonably available;
- 7) Blood from mom 2 red and 2 yellow/green top tubes. Blood from baby is 1 red and 1 yellow/green top tubes (can be cord blood);
- 8) All blood containers must be placed in insulated box within the packaging, to avoid freezing. Styrofoam blood containers work best.**
- 9) Package all tissues and materials just as one would for a transplant organ.
- 10) Please complete checklist on the next page to ensure all items are recovered

It is imperative that the package be delivered to nPOD within 24 hours of cross clamp. At case completion, please contact the nPOD coordinator on call to arrange transportation at 352-273-8277 or 866-731-6585.



OPO Organ Recovery Checklist, Neonatal Donors

Please sign and return this form to nPOD.

By signing this form, you are acknowledging that the protocol requirements were followed and met. In the event the recovery outcome deviates from the nPOD Organ Recovery Protocol, please note it on this sheet to explain the deviation.

UNOS ID or case #: _____

OPO: _____

CTOD _____

Cross clamps _____

Please check that each item is placed within the research organ package:

1. **Pancreas** and fat containing pancreatic lymph nodes:
 - a. Entire pancreas and all peripancreatic fat (surgical damage is acceptable, but must be reported to nPOD or research intermediary).
 - b. Attached duodenum tied closed at both ends and excised with pancreas.
2. **Spleen** (whole organ preferred, but ½ is acceptable).
3. **Blood:** from mom 2 red and 2 yellow/green top tubes. Blood from baby is 1 red and 1 yellow/green top tubes (can be cord blood).
4. **Non-pancreatic lymph nodes:** 3-4 nodes (mesenteric, inguinal or any other site). Please label recovery location for these nodes (if possible).
5. **Thymus** (if possible).
6. Lots of **wet ice** and triple bag packaging as described in the protocol.

Donor information is requested within 24 hours of recovery. Information may be sent via email or fax to nPOD, or placed in box based on your OPO's policy.

Confirmed by:

OPO Coordinator First, Last Name

Date

Please complete, sign, and include this form in the organ box

Notify nPOD's On-Call Coordinator of any surgical damage, anatomical anomalies, or any other variance from the recovery protocol prior to shipping the organ.

1-866-731-6585 or 352.273-8277