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| SOP Number: CP095.00 Title: Ice for Necropsy | |  UNIVERSITY OF FLORIDA | |
| Revision No: 00 | Replaces: N/A | | |
| Author: Kristin Smith | | MAL Director: Dr. Peggy Borum | FSHN Chair: Dr. Neil Shay |

I PURPOSE

The purpose having ice for necropsy is to ensure that the organs are kept cool enough to maintain the integrity of the tissue samples and preserve biological molecules.

II SCOPE

This procedure provides instructions for attaining ice for Non-Survival organ processing and all procedures surrounding this.

III RESPONSIBILITIES

It is the responsibility of Metabolic Assessment Laboratory personnel to follow this procedure. It is the responsibility of supervisory personnel to ensure compliance with this procedure and to train employees and students responsible for performing this procedure.

IV REFERENCES

N/A

V REAGENTS AND MATERIALS

- V.A. 3 yellow 1ft x 2 ft rectangle ice bins.
- V.B. Seven black ice buckets.
- V.C. Ice.
- V.D. 5L Saline (per piglet).
- V.E. Glass beakers (About 8 ranging in size from 150mL to 300mL).
- V.F. Cutting boards.
- V.G. Ice chest (dry ice).


VI EQUIPMENT

N/A

VII SAFETY PRECAUTIONS

- VII.A. Members of the MAL have been trained extensively in the procedures described in this SOP.

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VIII DEFINITIONS

- VIII.A. Standard Operating Procedure (SOP) – Standard Operating Procedure is a document that provides instructions for completing a specific task in the lab.
- VIII.B. Metabolic Assessment Laboratory (MAL) – The Metabolic Assessment Laboratory is the laboratory that will use this SOP.
- VIII.C. Piglet Facility—The Piglet Facility is comprised of three rooms: the PNICU used for piglet care; a surgery room used for surgical procedures; and a transition/entry room used by staff to prepare items for care or surgery and to transfer the piglet from surgery to care.

IX PROCEDURE

IX.A. Obtaining Ice

- IX.A.1. Obtain ice buckets and bins from the locations in X.A. and X.A. Using the metal portable cart, transport the ice buckets and bins to the location to obtain ice stated in X.A. There, fill them up with ice according to the following directions:
- IX.A.2. Rectangle bins: Fill ice and pack down. Fill ice to the brim.
- IX.A.3. Urine bucket: Fill the ice bucket for urine 3/4 full. Do not pack.
- IX.A.4. Blood buckets: Fill two ice buckets for blood to the brim. Do not pack.
- IX.A.5. Fill the ice chest for dry ice according to SOP# CP002.00.
- IX.A.6. All other black ice buckets: Fill to brim and pack ice.


IX.B. Placing Saline in ice

- IX.B.1. For location of the beakers refer to X.A.
- IX.B.2. Fill the beakers of saline ¼ full.
- IX.B.3. Place beakers of saline in ice bins and buckets used for organ processing, leaving enough room for cutting boards (if filling in the ice bins). Move the ice around to nestle each beaker in the ice.
- IX.B.4. Place one beaker filled with saline on one of the ice buckets for blood and set aside on the lab counter for use during blood analysis.

IX.C. Storage location for ice

- IX.C.1. For the other ice bucket used for blood, create punched holes into the ice that would be appropriately sized for a Vacutainer tube (Refer to SOP# CP001.00 on the description of the holes).
- IX.C.2. Place this blood ice bucket and the urine ice bucket in the surgery room. These buckets will be transported to the lab after collection of urine and blood.
- IX.C.3. Place all the other ice buckets and bins in the surgery room in the shelves of the metal moving carts.
- IX.C.4. Place the ice chest in the surgery room also. Extra saline will also need to be placed on ice for use during non-survival surgery.

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X ATTACHMENTS

X.A. For a list of materials and their locations, refer to SOP# CG098.00.

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