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Protocol status: Working
We use this protocol and it's working

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Human Blood Sample Collection Protocol --University of Minnesota TMCs

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Cellular Senescence Network (SenNet) Method Development Community

UMN SenNe

Allie Pybas

ABSTRACT

Collection protocol obtained from the attached BioNet Specimen Procurement Agreement provided by the UMN CTSI Biorepository and Laboratory Services (BLS).

Tissue Procurment Agreement - 06.2023.pdf

Funders Acknowledgement:
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Preparation

1 **Patient Identification:** As soon as a patient is scheduled, the research team will email bionet@umn.edu a completed Specimen Procurement Request Form.

2 **Patient Consent:** Researcher consents. The original signed consent form will be placed in the patient chart and scanned into Epic. BioNet will verify consent in Epic. If the consent is not scanned in EPIC before the procedure, the researcher will provide BioNet a copy direct (e-mail or hard copy).

3 **Collection Supplies:** All supplies will be delivered to the BioNet office at least one day before the procedure and appropriately labeled with researcher name and CTSI Project #.

Collection Kit Components:
PBS (Study team)
Media: DMEM + antibiotics (Study team)
Media tubes (x3 per collection) (Study team)
10% Formalin (Bionet)
FFPE cassette x 5 (Bionet)
Specimen container (Bionet)
OCT compound (Bionet)
OCT mold x 4 (Bionet)
OCT quick freeze box (Bionet)
Liquid nitrogen vapor (Bionet)
Cryovials x 3 (Bionet)
Collection kit containing 10 ml EDTA blood tubes x 2 (Bionet)

Procurement and Processing of Blood Samples

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1. Study team will set up blood processing instructions with TTL.
2. Study team will place order for blood in EPIC.
3. Study team will provide preop staff with blood tube collection kits. 2 x 10 ml EDTA blood tubes will be in a bag labeled with BLS pager number for pick up contact.
4. Blood tubes will be held at room temperature until delivery to TTL or pick up by study team.
5. BLS will pick up blood tubes and submit to TTL for processing. If filled blood tubes are returned to BLS past TTL's 2pm processing deadline, study team will be notified to pick up blood tubes and process through their lab.