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OSU TriState SenNet Normal Donor Lung Acceptance Criteria

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TriState SenNet

Cellular Senescence Net...



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The Ohio State University

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We use this protocol and it's working

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Lifeline of Ohio and the generous donation from donors and their families

Abstract

This protocol describes the criteria required for inclusion of human lung specimen from healthy "normal" organ donors in the Comprehensive Transplant Center Human Tissue Biorepository and TriState SenNet Biospecimen Core at The Ohio State

University as part of the Cellular Senescence Network Program (SenNet). This protocol is based on the CTC Human Tissue Biorepository's standard operating procedure established for tissue collection for explant and donor samples. We follow

routine laboratory specimen processing guidelines to ensure the highest biospecimen quality.

Troubleshooting

Inclusion Criteria

- 1 Donor is consented for research by Lifeline of Ohio or registered organ donor, 18-80 years of age, negative for HCV, HBV, HIV, and no history of latent tuberculosis or active COVID-19 infection. Depending on the investigators' request we remove specimens from upper, lower, or both lobes of a single lung.
When processing "normal" donor lung tissue, we choose samples from the healthiest section of the lung. We refer to the CT scan or chest x-ray to locate these regions.

For "normal" donor lungs, we look for the following characteristics:

1. Tissue is spongy.
2. Tissue is pink in color and color is uniform.
3. Absence of abscesses, nodules, or emphysematous presentations.

Exclusion Criteria

- 2 Donor is 17 years of age or younger, HBV, HCV, or HIV positive, has a latent tuberculosis infection or active COVID-19 infection.