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## OSU TriState SenNet lung explant from IPF patients acceptance criteria

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Cellular Senescence Net...



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**We use this protocol and it's working**

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## Abstract

This protocol describes the criteria required for inclusion of human lung specimen explants from idiopathic pulmonary fibrosis (IPF) diagnosed patients in 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). These criteria are based off of the CTC Human Tissue Biorepository SOP:009 Tissue Collection for Explant and Donor Samples. When processing explanted, diseased tissue, look for the most representative of that disease. Refer to the CT scan or Chest X-ray on the committee review to locate most diseased areas.

## Troubleshooting

## Inclusion Criteria

- 1 **Transplant and surgical:** 18-80 years of age, patient at OSUWMC, referred to OSUWMC for transplantation or has already undergone transplantation, able to understand and sign the TTCP Informed Consent and Research Authorization form, negative for HCV, HBV, and HIV, and has a pathology-confirmed diagnosis of IPF. Due to the nature of IPF pathogenesis, we remove specimen from both upper and lower lobes of a single lung. When processing explanted, diseased tissue, we choose samples from section of the lung that is the most representative of that disease. We refer to the CT scan or chest x-ray to locate these areas.
- 2 In the case of IPF, we look for the following characteristics:
  - a) tissue is fibrotic,
  - b) tissue shows thickening and scarring,
  - c) tissue feels hard and stiff to the touch.

## Exclusion Criteria

- 3 17 years of age and younger and unable to understand and sign the TTCP Informed Consent and Research Authorization form directly.