

**“Toronto Lung Transplant Bio-Banking Project”:
RESEARCH AND/OR EDUCATION ACTIVITY PROFILE**

Background	
Description of Program:	To make blood and BALF samples available to scientists who are working on future studies regarding mechanisms of graft dysfunction post lung transplant and use of biomarkers to predict clinical outcomes
Program: (eg. affiliated hospital/university, etc)	UHN- Toronto General Hospital
Contact Person(s) & Contact Information:	Primary Contact: Sassan Azad at TGH 416 340 3587 Sassan.azad@uhn.on.ca
	Secondary contact: Dr. Shaf Keshavjee 416 340 4010 Shaf.Keshavjee@uhn.on.ca
Offering Information	When a donor is being considered for lung transplant, consent for research and education must be obtained on the TGLN consent and written next to “specify other organs/tissues” as <i>bronchio alveolar lavage fluid for future research</i>
Exclusions No consent for research and teaching	
Recovery	
Method:	<u>NDD cases:</u> -Extra Green top tube (x1) by OTDC on call to OR -Donor BALF (10-ml) during bronchoscopy in recovery OR by transplant fellow <u>DCD cases:</u> -No blood draw -Donor BALF (10 ml) will be done by the transplant fellow in the OR post arrest & flush prior to clamping trachea
Requirements for Perfusion:	Same as normal lung donor

Time Requirements:	Lung recovery as per usual
Impact on Transplant/ Recovery Procedure:	Extra time during bronchoscopy to recover 10cc of BALF
Effect on Body / Post-Mortem Care:	None
Consent Considerations:	
Requires research and teaching consent from the donor NOK	An example of information provided to the patient substitute is: “The lung transplant team is collecting blood and lung fluid from lung donors to better understand what helps make a good match between donors and recipients”
Recovery Personnel:	
Names:	Retrieval teams as per transplant team involved in lung recovery who agree to recover BALF for research purposes
Credentialing:	Already credentialed as per Transplant Program protocol
Required Documentation	
Documentation	Document in TGLN chart clinical notes: 1- <i>Green top tube drawn (if NDD case)</i> 2- <i>BALF recovered in OR. Taken to TGH by lung recovery team, Dr’s.</i> _____ & _____ <i>for Toronto Lung Transplant Bio-Banking Project</i>
Transportation:	
Process: SRC’s: (Note that one portion of the BAL obtained in the OR goes to Microbiology Lab) <ol style="list-style-type: none"> 1. Obtain labels for research blood and BALF specimens 2. Attach label(s) to specimen(s) 3. Place specimens in cooler 	Following consent for research and medical education on the TGLN consent form, an extra green top tube will be drawn by the OTDC for NDD cases. The lung recovery team will recover BALF from the bronchoscopy in the OR.
Pick up location:	The TGH donor retrieval team will transport both BALF & Blood back to TGH OR
Delivery location:	Both Blood and BALF will travel with the donor lungs in a separate bag in the cooler (on ice)