

Eye Bank of Canada (Ontario Division) Profile

Updated: November 2, 2023

Administration		
Tissue Bank Name:	Eye Bank of Canada (Ontario Division)	
Tissue Bank Type:	Eye Bank	
Referral Area:	Provincial	
Address:	B100 – 340 College St., Toronto, ON, M5T 3A9	
Hours of Operation	Office hours: 0730 to 1700 Mon-Fri	
Contact Information:	Telephone:	416-978-7355 or 1-844-978-7355
	Fax:	416-978-1522
	On Call Cell:	647-242-6260
	Medical Contact:	Dr. Clara Chan Telephone: 416-978-7355 (call EBC to leave message or contact on-call staff after hours) Email: clara.chan@gmail.com
	Director:	Christine Humphreys Telephone: 416-978-7355 Email: chumphreys@KensingtonHealth.org
	Technicians:	Dan Abramovic, Jenny Chai, Emily Harris, Zoe Ninos, Jose Barrantes, Alexis Raye, Mishal Khan, Sunny Lau.
Business hours contact EBCOD via phone, EBCOD main line After hours contact EBCOD staff via cell		
Process:	<p>Contact Eye Bank staff via EBC cell. Between 23:00 and 06:00 if referral requires no <u>immediate</u> action, hold referral info until 06:00 and then call staff.</p> <p>**EXCEPTION SITUATIONS WARRANTING CONSULTATION**:</p> <ol style="list-style-type: none"> 1. For <u>TRANSPLANT ONLY</u> consented cases where exclusion criteria cannot be determined and recovery has to commence due to timelines, EBC can be contacted between 23:00-0600 for case offer 2. Non-consented cases with <u>DP: TX only</u> can be pre-consulted by EBC prior to approach only if you are unsure about suitability 3. Other emergent issues requiring consultation overnight including but not limited to loss of a donor <p><u>Please use discretion for overnight offers/consults during this period, but feel free to do so if you feel it's needed</u></p>	
Criteria		
Donor Age:	<ul style="list-style-type: none"> • <u>TRANSPLANT:</u> ≥2 to ≤ 79. For motivated donors/families sclera can be used for transplant age 80 - 100, • <u>RESEARCH AND TEACHING:</u> ≥2 to ≤ 80. For motivated donors/families we can use tissue for R&T at any age • EBC to advise Tissue Manager and PRC Tissue Specialist for special requests and to initiate and discontinue Research and Teaching potential donors • Tissue Lead to document details of special request and Research and Teaching initiative in Shift Report 	

	<ul style="list-style-type: none"> Research and Teaching initiative to include all hospitals supported by TGLN ocular recovery pods (GTA, London, Windsor, Barrie, Ottawa, Belleville/Kingston, Sudbury, Thunderbay) .
KLAL/Stem Cell Donors	<ul style="list-style-type: none"> Newborn to 50 Request blood type from referring staff on each donor and document if available Recovered with conjunctiva intact (not scraped off)
Absolute Exclusions for Transplant:	Compliance with EBAA and Health Canada requirements Refer to EBC exclusion criteria in SharePoint
Special Instructions for TGLN Coordinator:	<ul style="list-style-type: none"> Complete assessment form in full; including donor name, age, time of death, cause of death, contact info, location of the body and hemodilution calculation Highlight any areas of concern on the MSHx Explicitly note whether consent was given for research and/or education Specify if the Coroner is involved and convey any special considerations or restrictions and if autopsy pending. Ensure consent remains with chart Ensure there is hold on body (send HBF) Release body upon recovery completion notification
Donor Care	
Special Instructions for Hospital Staff:	<ul style="list-style-type: none"> Apply antibiotic drops to eyes or moisten with normal saline Ensure eyelids are shut (use tape only if eyelids remain open) Elevate head (30° if possible) Ice packs (mix of ice and water) on closed eyes (if body not cooled within 12 hours of death)
Recommended Recovery Timeframe:	Preferred if body cooled in morgue within 12 hours of death. Whole globe recovery for transplant times out at 12 hours post TOD (extensions may be given on a case-by-case basis). In-situ recoveries may be acceptable up to 20 hours after death if body refrigerated within 12 hours.
Testing	
Required Serology Tests:	HbsAg, HBcore, anti-HIV 1&2, Anti-HCV, syphilis, HBV/HCV/HIV NAT, WNV NAT seasonal. KLAL donors require HLA testing and are only done on organ donors
Special Instructions for Serology Specimen Collection:	<ul style="list-style-type: none"> 1x 5ml in red top tube & 2 x 5ml in EDTA tube May 1 to October 31. November 1 to April 30th 1 X 5ml red top and 1 X 5ml EDTA Please take blood samples ASAP before or after death and before organ retrieval. Please initial with date and time specimens collected Blood samples must be collected within 21.5 hours after time of death – no extensions Pre-transfusion or pre-intravenous fluids sample is preferred
Additional Tests Required:	Blood cultures if available
Recovery	
Donor Transfer:	Not applicable
Length of Recovery:	Approximately 1 hour
Recovery OR Requirements:	Not applicable
Recovery OR Booking:	Not applicable

Coordination of Recovery Personnel:	PRC arranges enucleations for TGLN recoveries as per the hospital profile
Eye tissue drop off:	Eyes are generally dropped off at Eye Bank into the receiving room. TGLN staff ring the bell during business hours to alert EBC that eyes have been dropped off. On rare occasions when eyes are brought to TGLN, inform EBC. During business hours call 416-978-7355, if no answer, leave voicemail with date and time stamp indicating need for pickup of eyes at TGLN. After hours call the EBC cell phone, or hold until the am on weekdays.
Family Care	
Key Information About Recovery:	In situ corneas are retrieved at most sites, whole eyes in some cases
Potential Impact on Options for Funeral:	Although some bruising and/or swelling occurs in rare cases, eye donation will NOT prevent open casket viewing
General	
Year Tissue Bank Established:	1955
Specific Tissues of Interest:	Whole eye is retrieved. The cornea and sclera can both be used for transplant surgeries. Corneas, whole eyes, retina and lenses can also be used for research and training
Processing Information:	Eye Bank staff excise corneas and may preserve sclera for surgeries. Corneas preserved in Optisol GS media, sclera preserved in alcohol, and whole eyes stored in saline moist chamber. Eye bank performs pre-cutting for DSAEK tissue and pre-stripping for DMEK tissue
Storage Information:	Corneas and whole eyes are stored at the Eye Bank in a monitored 4°C fridge for 7-10 days; sclera is stored in alcohol at room temperature for up to one year
Distribution Information:	Eye Bank distributes the tissues to Ontario surgeons in a fair and equitable manner. Tissue is used for sight restoring surgeries
Accreditation:	EBAA accredited as of 2022 for 3 years (Fall of 2025)