



Organ Donation and Transplantation System Efficiency Project

Opportunity for a MEng Student

Trillium Gift of Life Network (TGLN) is the Government of Ontario agency responsible for planning, promoting, coordinating and supporting organ and tissue donation and transplantation across the province. In recent years, TGLN has been successful in increasing the number of deceased organ donors which has impacted system capacities and resources. A preliminary analysis of the time it takes to coordinate a case from donor referral to organ recovery shows a marked increase over the past few years. This increase in case length can impact families' willingness to consent to organ donation.

TGLN is looking to better understand the drivers of the increase in case length and to identify specific constraints ("bottlenecks") in the complex organ donation and transplantation pathways. The project aims to identify opportunities to increase consent for organ donation, build system capacity and improve the efficiency of the system as a whole. The MEng student will work with clinical and business experts at TGLN on an analysis of a specific portion of the donation and transplant pathway to identify constraints, opportunities for improvement and a monitoring and evaluation plan.

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