

 **UHN** Transplant
Program
2025



**Leading
the World
in Transplantation**



B Building on Success

The UHN Transplant Program launched almost 30 years ago, and has since become one of North America's largest centers with over 500 dedicated staff caring for the needs of our patients and advancing our knowledge in all areas related to transplantation. We partner with Trillium Gift of Life Network (TGLN) and The Hospital for Sick Children to provide the full spectrum of transplant care for both adult and paediatric patients across multiple organ programs.

As we look to the future, our vision is bold and aspirational:

Leading the World in Transplantation.

Our mission is to be a model for innovation, excellence in clinical care delivery and research, and highly sought out educational opportunities.

The strategic plan outlined here integrates our three pillars: clinical care, research, and education – and lays a roadmap for the future.

Our goals will be accomplished in an environment that empowers our staff and places a renewed focus on TeamTransplant health and wellness.

TeamTransplant health and wellness

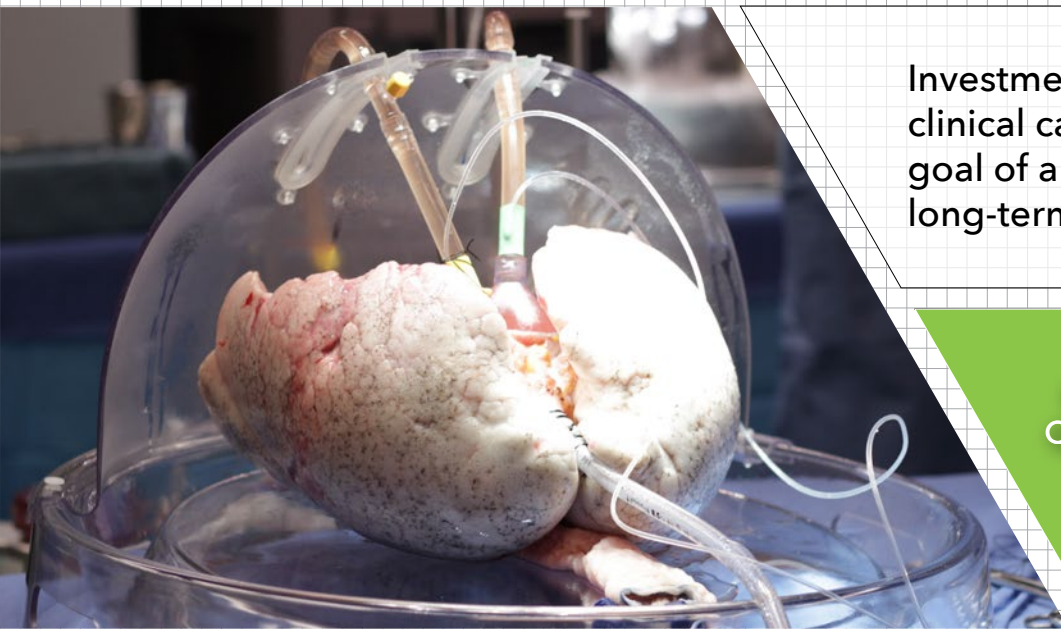
**Transplant
for Life**

**Research
that Transforms**

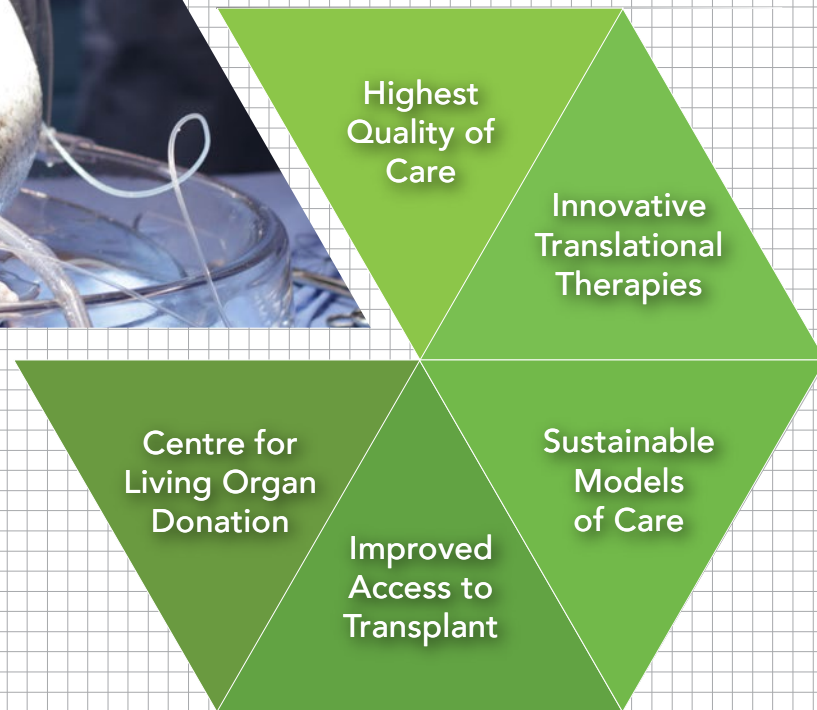
**Education
that Inspires**

Pillar 1: Transplant for Life

Clinical Care Strategic Priorities



Investments and priorities related to clinical care will help us achieve our goal of a healthy and transformative long-term outcome for our patients.



By **2025**, the UHN Transplant Program will become the **Transplant Centre of Choice**.

Our Patients' needs comes first.

We will engage patient partners at every step of our journey



We will strive to **ensure access for each and every person** needing a transplant



We will invest in a **Quality Program** which integrates within our daily workflow to deliver the best patient care



We will use strategic investments to accelerate **translation of innovative new technologies and therapies** to clinical care



We will develop innovative models of care to ensure **best long-term outcomes**

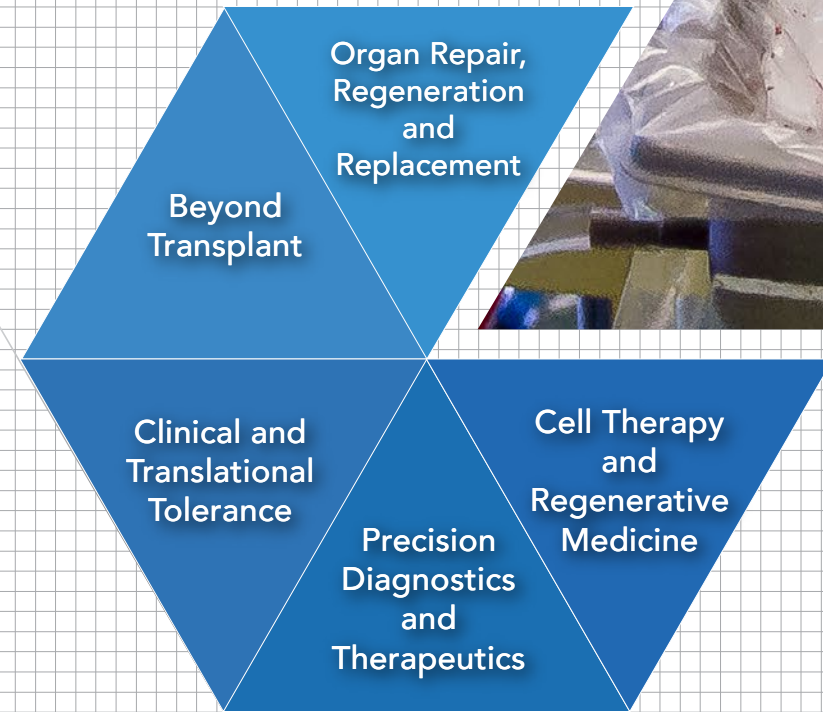
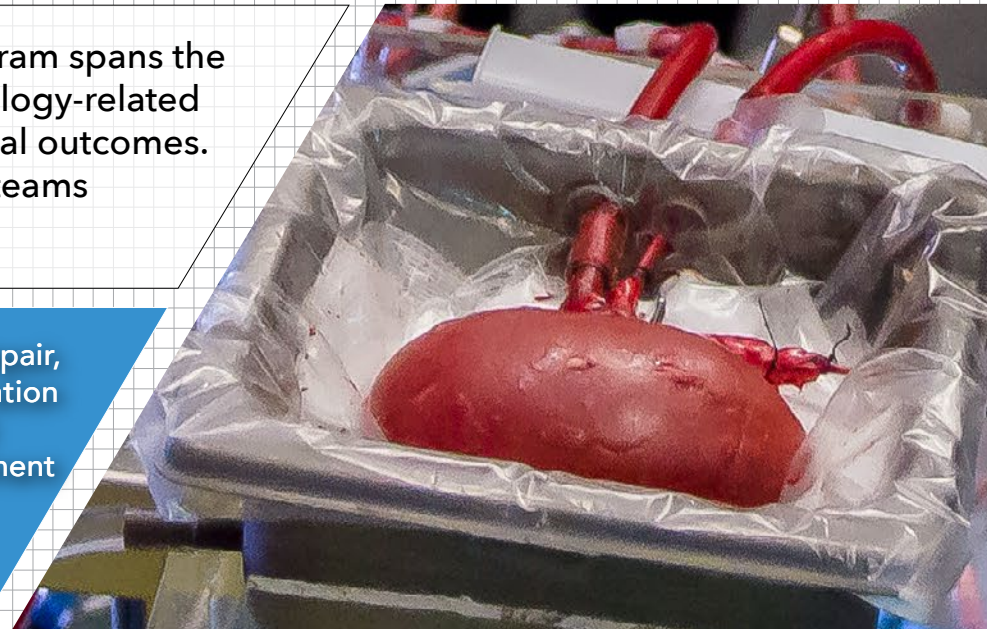


We will grow the **Centre for Living Organ Donation** to become a global hub for Living Donor clinical care, research and education



Pillar 2: Research that Transforms

Research within the Transplant Program spans the spectrum of transplant and immunology-related research from basic science to clinical outcomes. Enhanced investment will focus on teams and strategic priorities.



By **2025**, the UHN Transplant Program will become the **Global Model for Innovative Research in Transplant**, attracting leaders in research.

A relentless pursuit of ground breaking, collaborative research creating commercialization opportunities and novel therapies:

Ex-vivo technology will span all organs with development and clinical testing of advanced repair strategies



Clinical research programs will include **patient reported outcomes** and **quality of life** measures



We will **push boundaries** and capitalize on new opportunities and scientific advances that may have transformative potential



Our **cell therapy program** will encompass advances in regenerative medicine and aim for early phase clinical trials of stem-cell derived therapies



We will **leverage transplant knowledge** and resources to drive progress in other areas, including fundamental organ biology and cancer therapy



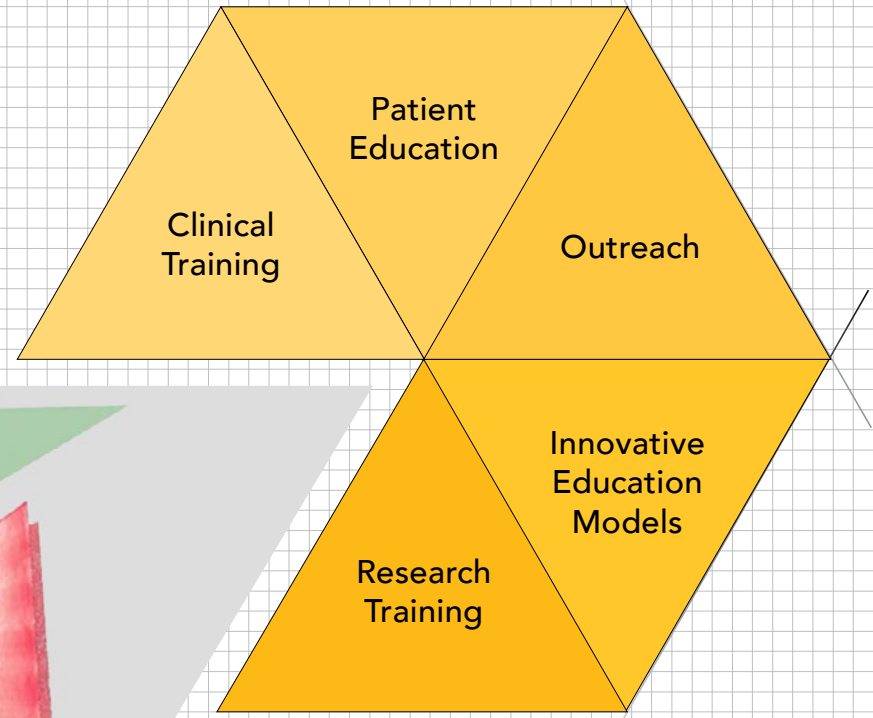
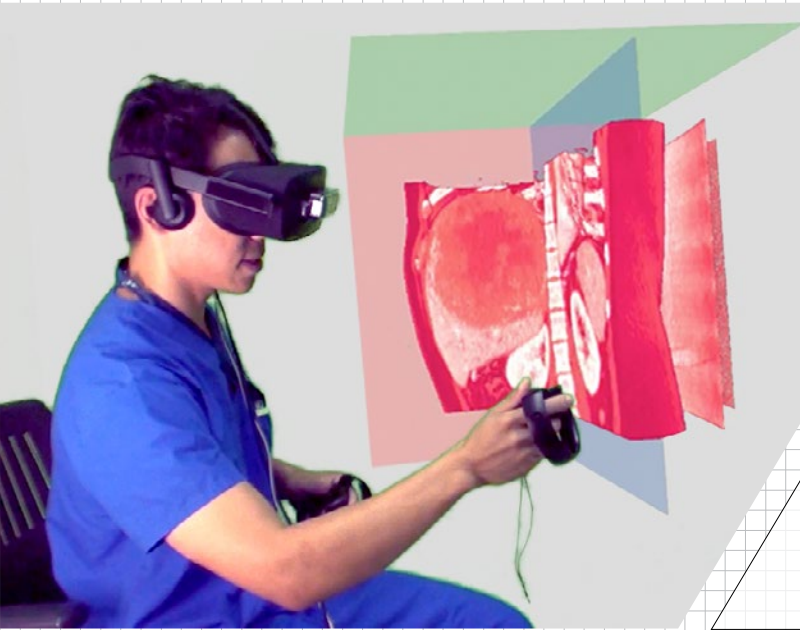
We will strengthen **precision diagnostics** and **therapeutics research** in areas that could extend long-term patient and graft survival



We will promote a **vibrant tolerance research program** that includes early to mid-stage clinical trials for immunosuppression minimization



Pillar 3: Education that Inspires



Investment in educational priorities will allow us to deliver customized education for patients, staff, trainees and the community.

By **2025**, the UHN Transplant Program will become the hub for **Transplant Education across all health professions, patients and the community.**

We will have **exceptional clinical training** fellowship programs in each transplant discipline with sustainable funding models



We will deliver the **highest quality of research training** and education across the spectrum of trainee levels and disciplines



We will leverage innovative formats such as the Toronto Video Atlas of Surgery, augmented reality and virtual reality to create **enhanced education tools** with commercialization potential



We will create customized, user-friendly **patient education tools** in multimedia formats to accompany patients and their families along every step of their transplant journey



We will engage in **multiple levels of outreach** to ensure effective community engagement, and increased transplant awareness



Building Capacity for 2025

The Transplant Innovation Center will be a hub for collaboration and new ideas



The new Transplant critical care unit will allow us to provide the best care for our patients in state-of-the-art facilities

The new organ repair labs, and cell isolation facility will help us deliver innovation and develop new technologies

Synergy: UHN Strategic Plan

The Transplant 2025 Strategic Plan aligns closely with the new UHN priorities.

Transplant 2025: Leading the World in Transplantation



TeamUHN

Empower and support TeamTransplant
Build capacity
Ensure adequate staffing



Convergence

Integrate clinical, research and quality systems
Support translation of research to clinical care
Enhance academic component of training programs



Tomorrow's Care

Enhance access to transplant
Develop innovative models of long-term care
Improve graft and patient outcomes



Technology and Innovation

Be at the forefront of new transplant technologies
Promote clinical care and research data integration
Support "high-risk, high-reward" research



Destination for Commercialization

Support technology development related to ex-vivo and other areas
Expand clinical trials opportunities

A Healthier World.

Philanthropy

The numerous innovative firsts and the translation of new therapies are only possible **with the support of our philanthropic donors.** Philanthropy will be a foundational element of our strategy through to 2025:

- ✦ We will continue to engage with community leaders, and our patients for their **ongoing support**
- ✦ **The Toronto General & Western Hospital Foundation** will continue to be an integral part of TeamTransplant and vision
- ✦ We will **commit to fundraising** for our priorities, with an emphasis on supporting teams and collaborative efforts within the Transplant Program
- ✦ We will work towards a **transformative gift** through the naming of the Transplant Program
- ✦ We will ensure **transparency and fairness** in the allocation of philanthropic resources while maintaining an emphasis on strategic investment priorities



The Transplant Program at University Health Network is one of the top transplant programs in the world. Its rich history of pioneering world-first discoveries has helped save thousands of lives here and around the world.

Toronto General & Western Hospital Foundation's **LIVE ON** Campaign raises funds for the Transplant Program at UHN, helping to build the future of transplantation and find life-saving treatments and cures for organ disease, so every patient can **LIVE ON.**

Summary: Transplant 2025

Integrated Clinical, Research and Education
A Renewed Focus on TeamTransplant Health & Wellness

Clinical

The Transplant Centre of Choice

- / Engage patient at every step of our journey
- / Access for every person needing a transplant
- / Integrate quality care systems within daily workflow
- / Accelerate translation of innovative new technologies and therapies
- / Develop innovative patient-focused and sustainable models of care
- / Grow the Centre for Living Organ Donation

Research

Global leader in Transplant Science

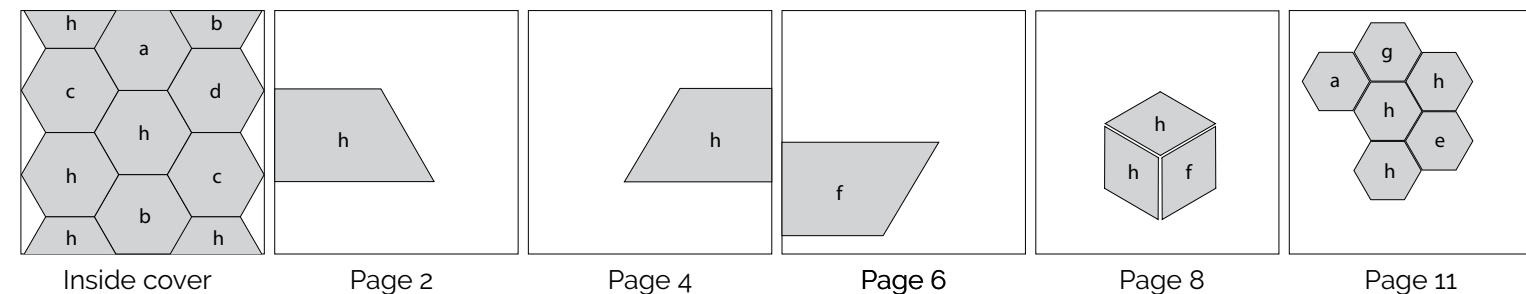
- / Advance and translate novel ex-vivo organ repair strategies
- / Focus on patient reported outcomes and quality of life measures
- / Develop a vibrant tolerance research program
- / Accelerate cell therapy and regenerative medicine
- / Leverage transplant knowledge to forward progress in other areas including cancer and cell biology
- / Strengthen precision diagnostics and therapeutics research
- / Adapt to take advantage of new and transformative technologies

Education

A Beacon for Transplant Education

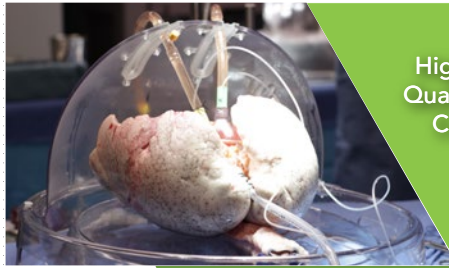
- / Ensure exceptional clinical training fellowship programs in each transplant discipline
- / Deliver the highest quality of research training and education
- / Create enhanced education tools by developing new technologies
- / Create customized patient education tools along every step of the transplant journey
- / Engage in multiple levels of outreach to ensure community engagement and increased transplant awareness

Photography credits



- | | | | |
|----|--------------------------------|----|------------------------------------|
| a. | Tim Fraser | e. | Darren Hatt Photography |
| b. | Amanda Firth, Charmaine Beal | f. | The Toronto Video Atlas of Surgery |
| c. | Bryan Anderson, Charmaine Beal | g. | Bruce Deachman |
| d. | Xinle (Sherry) Wang | h. | UHN |

Clinical



Highest
Quality of
Care

Innovative
Translational
Therapies

Centre for
Living Organ
Donation

Sustainable
Models
of Care

Improved
Access to
Transplant

Beyond
Transplant

Organ Repair,
Regeneration
and
Replacement

Patient
Education

Clinical and
Translational
Tolerance

Clinical
Training

Outreach

Cell Therapy
and
Regenerative
Medicine

Precision
Diagnostics
and
Therapeutics

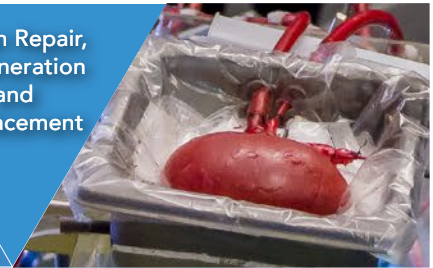


Research
Training

Innovative
Education
Models

Education

Research



Contact us

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