



# ***BRAMPTON MEANS BUSINESS **NOW*****

City of Brampton  
MedTech Task Force  
May 2023

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 **INVESTBRAMPTON**.CA



## BOSTON SCIENTIFIC - INNOVATIVE LEADER IN MEDICAL TECHNOLOGY

In 2022, the City of Brampton welcomed the new Canadian HQ and distribution centre for Boston Scientific to their new location. At this facility, up to 200 highly skilled staff will support quality control, regulatory affairs, logistics and distribution, as well as head office functions. A global medical devices company based in Boston, MA, this innovative leader in medical technology is a key partner in the City's health and life sciences cluster. The company's less invasive technologies are designed to diagnose and treat a wide range of medical conditions, including:

- Cancer
- Chronic Pain
- Gastrointestinal Conditions
- Heart and Vascular Conditions
- Neurological Diseases
- Pulmonary Condition

We are very excited by our decision to locate our new Canadian hybrid-collaboration head office and national product replenishment centre to Brampton, one of the fastest-growing and most innovation-friendly cities in Canada. We look forward to drawing on the diverse talent pool within the Brampton Innovation District to do our important work of serving Canadian health care provider heroes and enabling improved health outcomes for Canadian patients.

Ken Spears  
VP/General Manager, Boston Scientific



Mayor Brown, Councillors Santos and Power, and members of the Economic Development Office, joined Ken Spears (VP/General Manager, Boston Scientific) and team for a tour of the facility.

## TENOMIX - A START-UP SUCCESS IN BRAMPTON

Tenomix is a medical technology start-up that is on a mission to develop novel technologies that target inefficiencies in the pathology workflow, optimize cancer care, and reduce health care costs. We are thankful to the Brampton Venture Zone (BVZ) staff, mentors, fellow BVZ cohort, industry partners, and the Brampton community for supporting us as we have accomplished several critical milestones in a short period of time.

Tenomix team

The city continues to support the growth of key businesses in both Brampton's Health & Life Sciences and MedTech sectors such as:

Dynacare  
The Stevens Company  
Canadian Blood Services  
Daniels Health  
Stericycle  
McKesson  
Boston Scientific  
Medtronic  
William Osler Health System  
Taro Pharmaceuticals

## TRANSFORMING HEALTHCARE FOR DIABETES

### Medtronic

In November 2022, Brampton-based Medtronic announced that it had received a licence from Health Canada for its MiniMed™ 780G system for people living with type 1 diabetes. This advanced, hybrid, closed-loop system is the first and only insulin pump system in Canada that can automatically adjust and correct sugars every five minutes. Thanks to Medtronic's advanced SmartGuard™ technology, the system is designed to help avoid highs and lows.

A month later (December 2022), Health Canada licensed Medtronic's extended infusion set — the first and only infusion set that can be worn for up to seven days with Medtronic insulin pumps. This innovation doubles the length of time an infusion set can be worn, allowing users to stay safely on insulin pump technology with fewer interruptions and insertions while introducing enhanced convenience and comfort to their diabetes management routine. The innovative design of the Medtronic extended infusion set stems from advanced materials that help reduce insulin preservative loss and maintains insulin flow and stability.



## O-TWO MEDICAL TECHNOLOGIES - LEADING-EDGE ENGINEERING CONCEPTS DEVELOPED IN BRAMPTON



Based in Brampton since 1971, O-Two Medical Technologies produces state-of-the-art products for emergency respiratory care and gas inhalation analgesia. Their innovative thinking, leading-edge engineering concepts and high-quality manufacturing capabilities combine to make them a valuable partner for the healthcare professionals and the patients they serve. Exporting to over 60 countries and possessing more than 40 patents worldwide, they offer solutions in automatic and manual ventilation, gas analgesia, immediate care, oxygen administration and patient monitoring.

O-Two Medical Technologies provides advanced engineering, state-of-the-art design, prototyping and manufacturing capabilities. These are all encapsulated within a painstaking quality system to meet the required international manufacturing standards.



# MedTech in Brampton



**BRAMPTON MEANS  
BUSINESS NOW**

**The time to invest is NOW.  
We're ready. Are you?**



## CONNECTED

Located in the centre of Canada's Innovation Corridor.



## CENTRALLY LOCATED

40% of Canada's Life Sciences companies are located in the Greater Toronto Area.



## TALENTED

Fastest growing big city in Canada, with the lowest average age, creating an undeniable source of talent.



## YOUNG & DIVERSE

Brampton's diverse population with over 250 different cultures, speaking 171 languages.

## HOME TO INDUSTRY GIANTS

Medtronic | Boston Scientific |  
Dynacare | Taro Pharmaceuticals  
Canon | Canadian Blood Services

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# Top Companies



## **Boston Scientific**

- HQ for Canadian medical devices market (US HQ in Boston)
- Quality control, regulatory affairs, sales, distribution and head office functions in Brampton – 200 employees
- Their less invasive technologies are designed to diagnose or treat medical conditions such as cancer, chronic pain, gastrointestinal conditions, heart and vascular conditions, pulmonary conditions, etc.

## **The Stevens Co.**

- Canadian company with HQ in Brampton since 2006 and six locations across Canada
- National warehousing and distribution for Canadian health care sector for 149 years
- 125 employees working in head office functions, warehousing, sales and marketing
- Products include medical supplies and healthcare solutions for hospitals, physicians, and long-term care facilities

# Top Companies



## **Medtronic Canada**

- HQ for Canadian medical devices market (US HQ in Minneapolis)
- It was founded in 1949 by Earl Bakken and Palmer Hermundslie and is now a global medtech company with over 90,000 employees in over 150 countries
- Head office, training and education, sales and marketing functions in Brampton – 200 employees
- Their products include surgical technologies, cardiac products, diabetes care, digestive and gastro, ear, nose and throat, neurological applications etc.

## **Dynacare**

- For over 50 years, a leader in Canadian health care testing and diagnostics
- HQ for Canada, health lab analysis and testing, sales and marketing, plus distribution / warehousing in Brampton
- 900 employees in highly qualified laboratory and testing fields
- Testing includes prenatal, genetics, diabetes, allergies, etc.



# ***Top Companies***



## ***Taro Pharmaceutical Industries Inc.***

- Established in Canada in 1984 (Brampton) as a topical products operation – now owned by Sun Pharma in India and traded on the NYSE as research-intensive pharma manufacturing company
- Skin care products – manufacturing operations, quality control, R&D, and warehousing – 600 employees in Brampton
- Products include health care products for professionals and OTC consumer products

# Brampton Venture Zone Startup Spotlight

**BVZ Launch is a virtual 6 month, non-equity based incubator program designed for MVP-ready technology startups to launch in the market.**



***WaiveTheWait builds end-to-end AI automation for daily clinical workflows to reduce provider and staff burnout.***



**Shreyansh Anand**  
CEO



**Tabassum Pasha**  
COO



***Roga is a mute button for an anxious brain. The Roga healthcare platform comes with a wearable medical device and an on demand digital course to treat anxiety at home and in the workplace.***



**Alison Smith**  
Co-Founder and Chief Scientist

# BVZ Alumni Startups Impact



***Tenomix's mission is to develop novel technologies that target inefficiencies in the pathology workflow; thus enabling clinicians to make better-informed treatment decisions.***

- Since incorporating (July 2021), they have developed their alpha prototype, formed a patent-pending application on their technology, actively engaged with numerous pathology laboratories for customer discovery interviews and early prototype feedback, and have conducted 18 pre-clinical (animal tissues) and 15 clinical validation experiments (human tissues) with the alpha prototype.



**Dr. Eveline Pasman**  
Founder



**Dr. Saumik Biswas**  
Founder & CEO



***Medessist's mission is to enable community pharmacies to provide personalized care to diverse or unique communities, and empower them to grow and build out a sustainable future-proof practice.***

- They were instrumental during the height of the pandemic in helping pharmacies be better for their respective communities.



**Joella Almeida**  
Co-Founder & CEO



**Michael Do**  
Founder



# ***Medical Innovation Xchange (MIX)***

## ***Based in Kitchener, MIX ...***

- Founded in 2019 and officially opened in 2020. It offers Canadian medtech companies an environment to grow locally and a go to market strategy.
- Its focus is to create a thriving ecosystem that develops, sustains and retains domestic medical technology companies and sets the region as a leader in medical innovation. Its 30,000 sq. ft., facility includes Intellijoint Surgical, Penta Medical, Vena Medical and Bloom Care Solutions.
- Open to collaborations with Brampton ecosystem.

# ***Hamilton Life Sciences***



## ***McMaster Innovation Park (MIP)***

- Research and innovation facility and services supporting start-ups, business and research as well as collaboration space
- McMaster University is a key partner and aligns with research priorities of life sciences, advanced materials, and information technologies
- Includes ecosystem support groups such as The Forge (incubator), Synapse Life Sciences and FyeLabs
- In 2022, Ontario government supported the building of a new bio-manufacturing facility (OmniBio) for contract development and manufacturing of cell and gene therapies



# *The Core*



***Based in Mississauga, The Core is proposed to be***

- a proposed 400,000 sq. ft. 5 building campus of purpose-built space for labs and advanced research and development, and office space at 2395 Speakman Drive.
- Proposed 160,000 sq. ft. to be built by 2024 as Phase 1 of the project
- The team is: First Gulf, Spear Street Capital and Jacobs – the realtors are Colliers and CBRE

# ***Wet Labs Project***



## ***Led by Toronto Global***

- A multi-regional team, including City of Brampton has been working since 2022 on a strategy to review and plan for more wet lab space in the GTHA
- A policy paper “At the Tipping Point” outlined the need for wet lab space to drive innovation and company creation in this sector.
- Stakeholders are now working on action plan to close the regional gap for web lab space



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