

TENOMIX TEAM



Saumik Biswas, PhD

CEO, Founder
Pathology Scientist,
Entrepreneur



Eveline Pasman, MD, PhD

COO, Founder
Physician-Scientist,
Project Manager



Michael Lavdas, MEng

Director & Technical Advisor, Founder
Mechatronic Systems and
Biomedical Engineer



Sherif Abdou, PhD, PEng

CBO, Founder
Entrepreneur,
Mechanical Engineer

***The Tenomix Team
Combines Pathology,
Medicine, Engineering,
and Business Expertise.***



OUR MISSION

*To develop novel technologies
that target inefficiencies in the
pathology workflow, optimize
cancer care, and reduce
healthcare costs.*



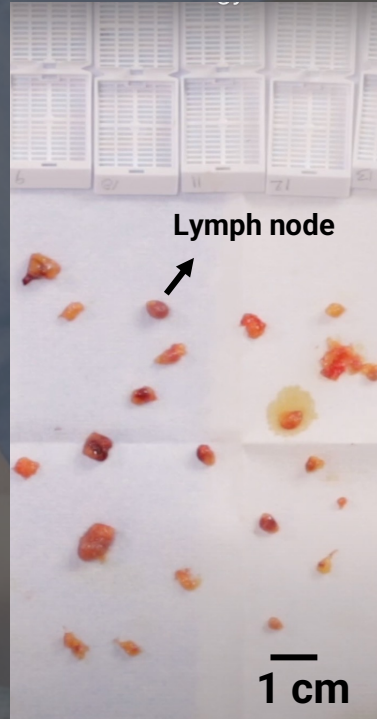
26,900 Canadians were diagnosed
with colorectal cancer in 2020

73 Canadians were diagnosed with
colorectal cancer every day

PROBLEM

Current Colon Cancer Staging Workflow:

Staging = Identifying Cancer Spread



Lymph node search process:

Tedious
Expensive
Unreliable

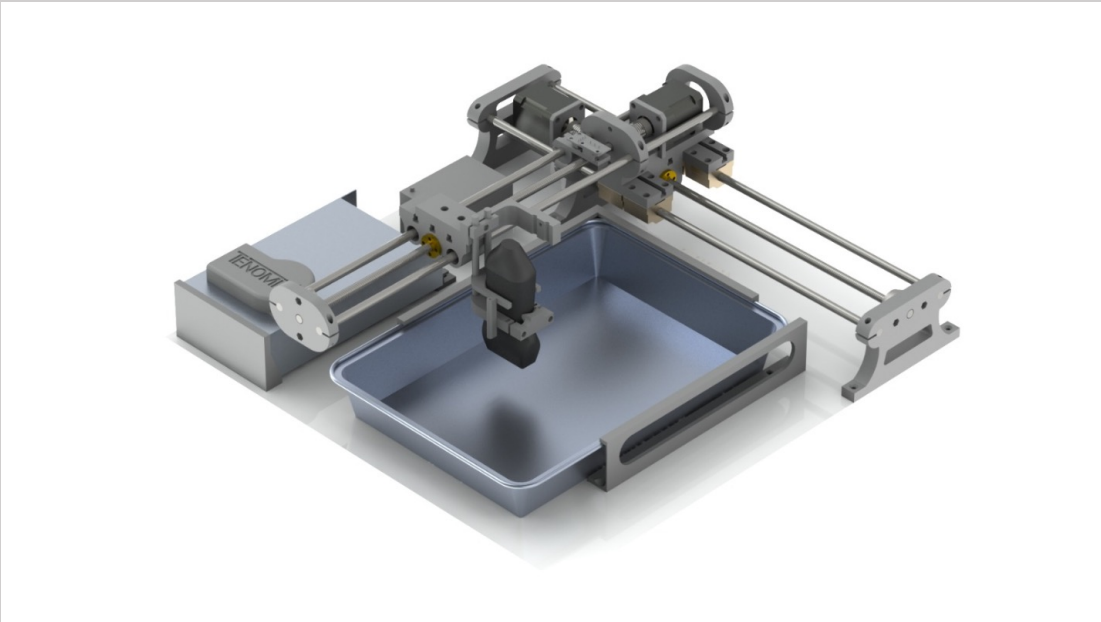
Lymph nodes are missed in
~30% to 60%
of North American cases

Solution must:

Decrease labour
Reduce pathology costs
Reliably locate lymph nodes

A breakthrough technology for the lymph node search process

The Lymphonator



Proof of concept prototype
(patent-pending)

- Removal of colon
- Sample preparation
- **Manual palpation**
- Lymph node extraction
- Cancer staging



SEAMLESS
WORKFLOW
INTEGRATION



BETTER
LYMPH NODE
DETECTION

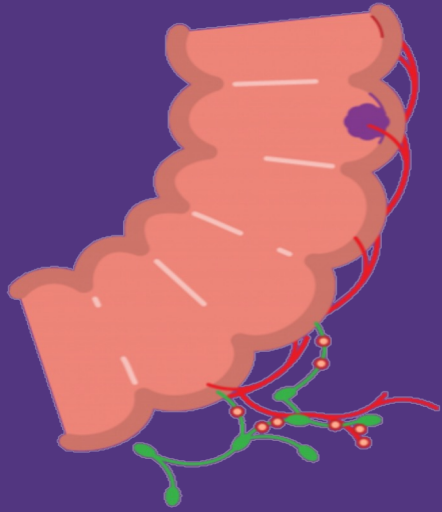


SET AND FORGET
OPERATION



REDUCE COSTS

WHY NOW



**107% INCREASE IN CASES
AMONG YOUNG ADULTS
(BY 2030)**

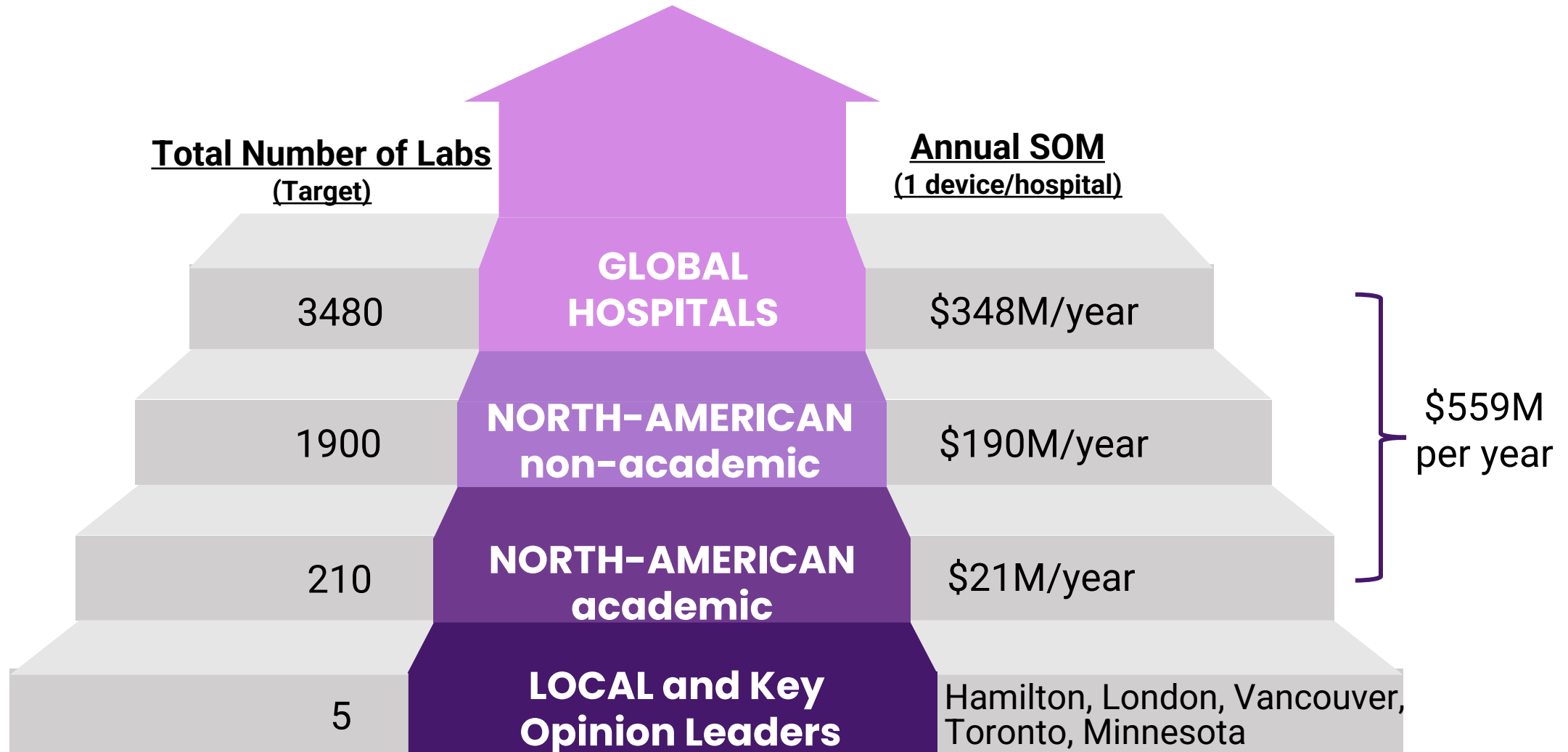


**ON-GOING PRESSURES
FOR LABS &
DECREASING STAFF**

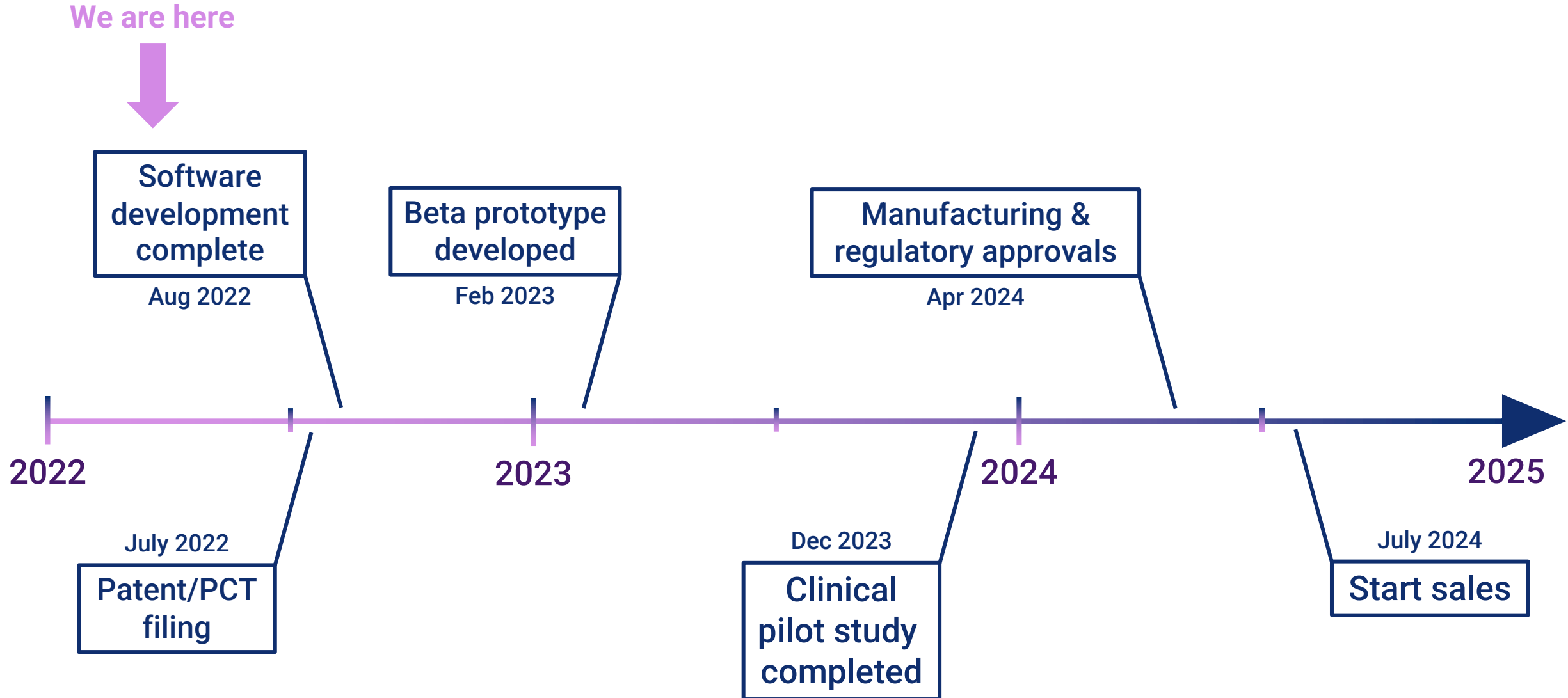


**GROWING GLOBAL
LAB AUTOMATION
(\$4.3B; CAGR = 5.2%)**

GO-TO-MARKET PLAN + OPPORTUNITY



COMMERCIALIZATION PATHWAY



In Loving Memory

Gita Dhar

1963 – 2010



TENOMIX

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OUR ASKS

1. Seeking investment between late Q3 and Q4 of 2022
2. Connections to pathology labs in the US
3. Connections to Cancer Care Ontario
4. Support on regulatory applications and QMS setup

THANK YOU!

Contact information:

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TENOMIX

BATTLING CANCER: ONE LYMPH NODE AT A TIME

THANK YOU



Benefits from participating in the competition:

- Create a strong investor-ready business plan & pitch deck
- Build strong collaborative relationships with pathology staff in Hamilton
- Work with bright students and build long-lasting relationships
- Receive funding that can assist with beta prototype development, preparing for a clinical pilot study, and additional costs



Western Medical
Innovation Fellowship

