BETTER BIONICS

NEXT-GEN ROBOTIC HANDS.

MOST CANNOT ACCESS A FUNCTIONAL PROSTHETIC HAND

POPULATION

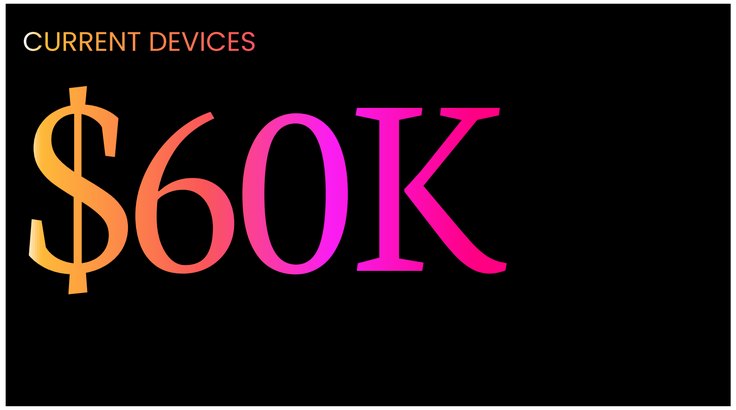
57 million people live with upper limb differences worldwide, including 3 million in North America.

COST

86% take on debt to afford a prosthetic because most government programs and insurance plans do not cover the full cost.

DEMOGRAPHIC

91% say current devices fail in daily use, contributing to a 50% abandonment rate within the first year.



EVERYONE WANTS A DEXTEROUS ROBOT

CURRENT HANDS DON'T WORK

This is Neo, produced by 1X one of the biggest robotic companies.

Watch Neo try to open a dishwasher. It can't grip a rigid object one of the simplistic.

THE BOTTLENECK

LIMITED DEXTERITY, LIMITED SENSING, LIMITED DATA

Most hands have 6 DOF and no force feedback. They can't do complex grasps or feel what they're holding.

You can't collect useful training data from hands that can't perform the task or sense the outcome.

CURRENT APPROACH

THE CURRENT FIX: HIRE PEOPLE

The industry's answer is paying tens of thousands of gig workers to teleoperate robots and film tasks.

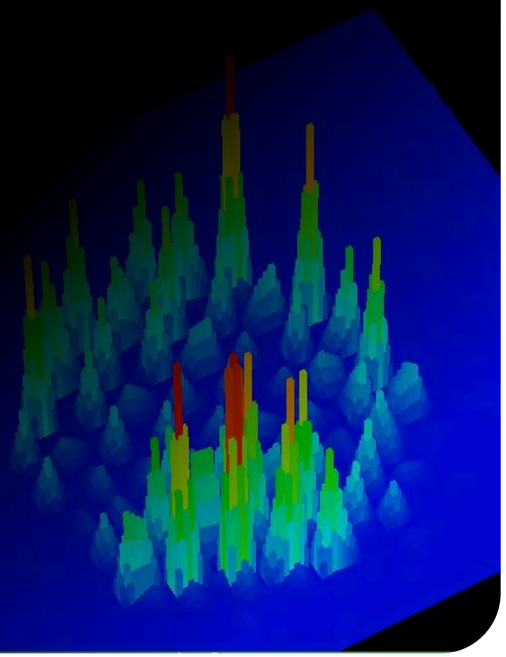
$50K-$200K per task dataset, billions to build a general-purpose manipulation system.

Glove

Hand

Socket

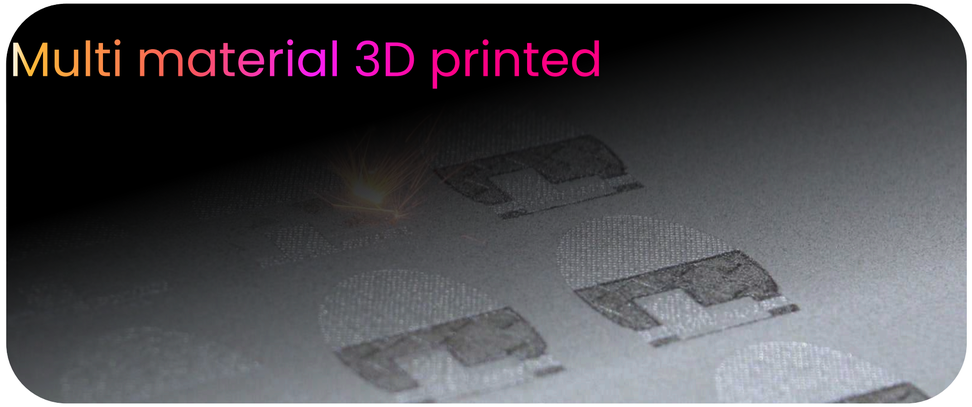
Sensing Array



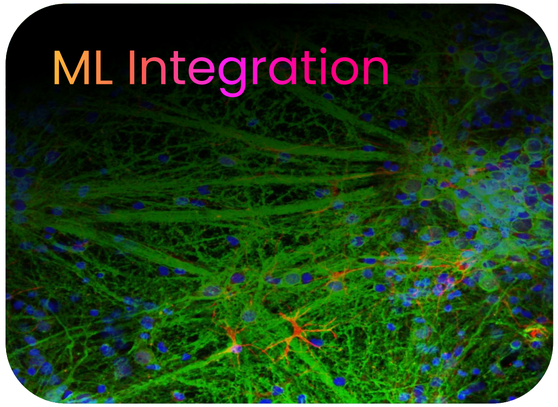
Integrated Spinal Cord

Feedback

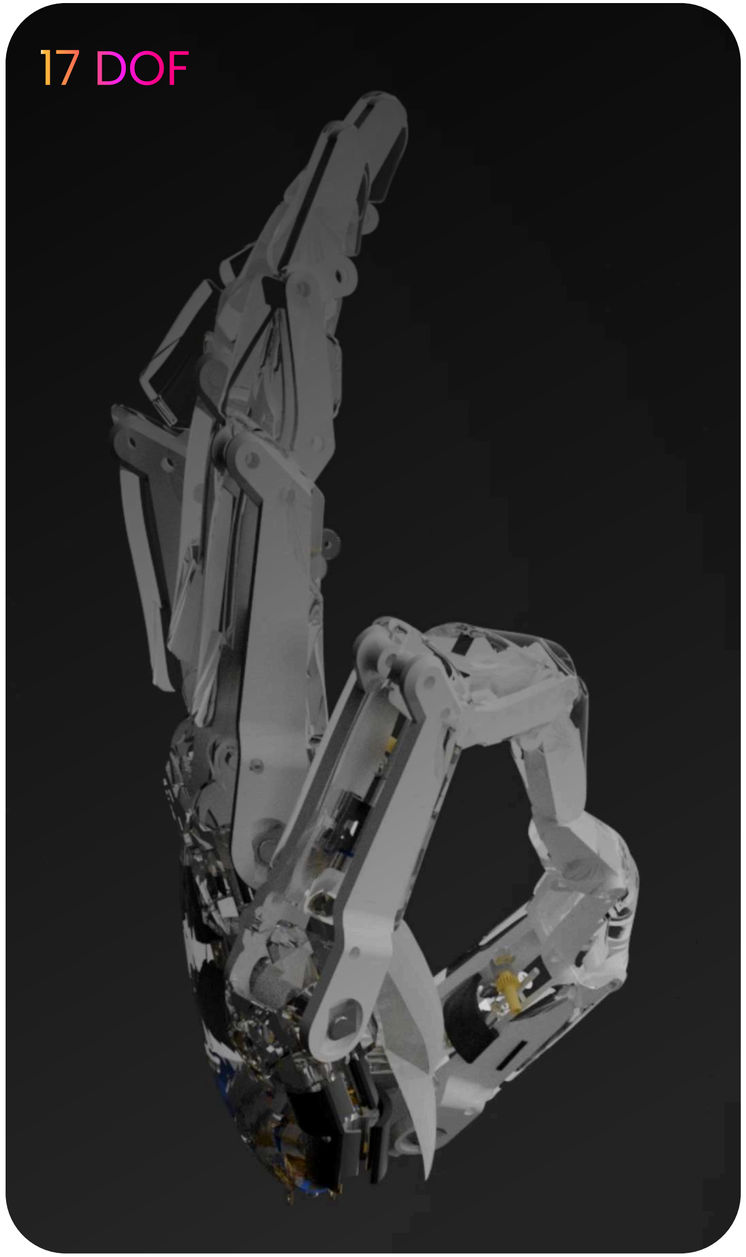
Multi material 3D printed

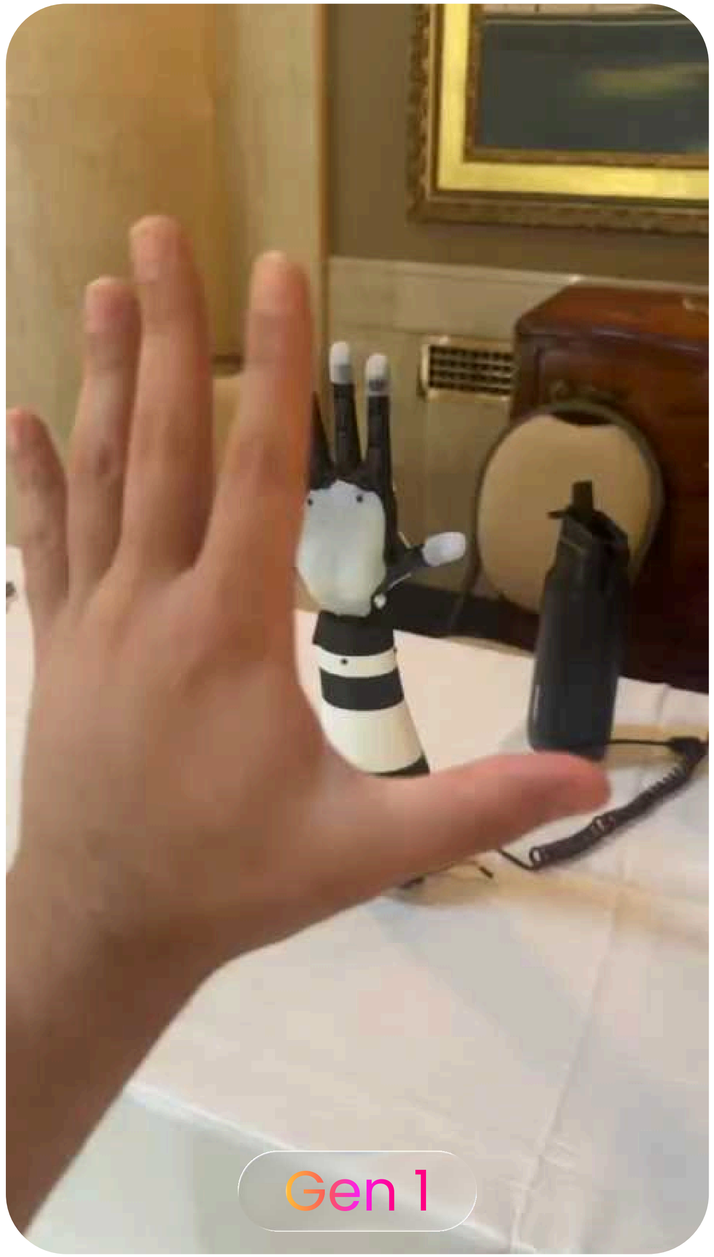


ML Integration



17 DOF




Gen 1


Gen 1


BETTER
BIONICS
Gen 2

Product	Better Bionics	Passive Prosthetics	i-Limb Quantum	Esper Hand	Teska Hand CX
Affordable	Yes	$10,000 (Yes)	$100,000(No)	$39,700(No)	$67,500(No)
Dexterity	15 DOF	1-2 DOF	6 DOF	5 DOF	6 DOF
Customization	Yes	Yes	No	No	No
Sensory Feedback	Yes	No	No	No	No
Repairability	Yes	No	Yes	Yes	No

Mechanisms & sockets

PENDING — HAND KINEMATICS & SENSOR STACK

PENDING — MODULAR SERVO INTEGRATION WITH DIGITS

AI & Manufacturing

IN PROGRESS — DREAMWEAVE MODELS, TOPOLOGY OPTIMIZATION, AUTOMATIC DESIGN.

IN PROGRESS — TRAINING SYNTHESIS PIPELINES, CURATED DATASETS.

Control

FUTURE — ML-BASED GRIP RECOGNITION ARCHITECTURE.

FUTURE — FIRMWARE CONTROL STATE MACHINE AND TRAJECTORY CONDITIONING.

Market Opportunity

Go-To-Market

$1.4B

Prosthetics Market

Upper-limb prosthetics with established reimbursement pathways across Canada (ADP), US (Medicare, VA), and global markets.

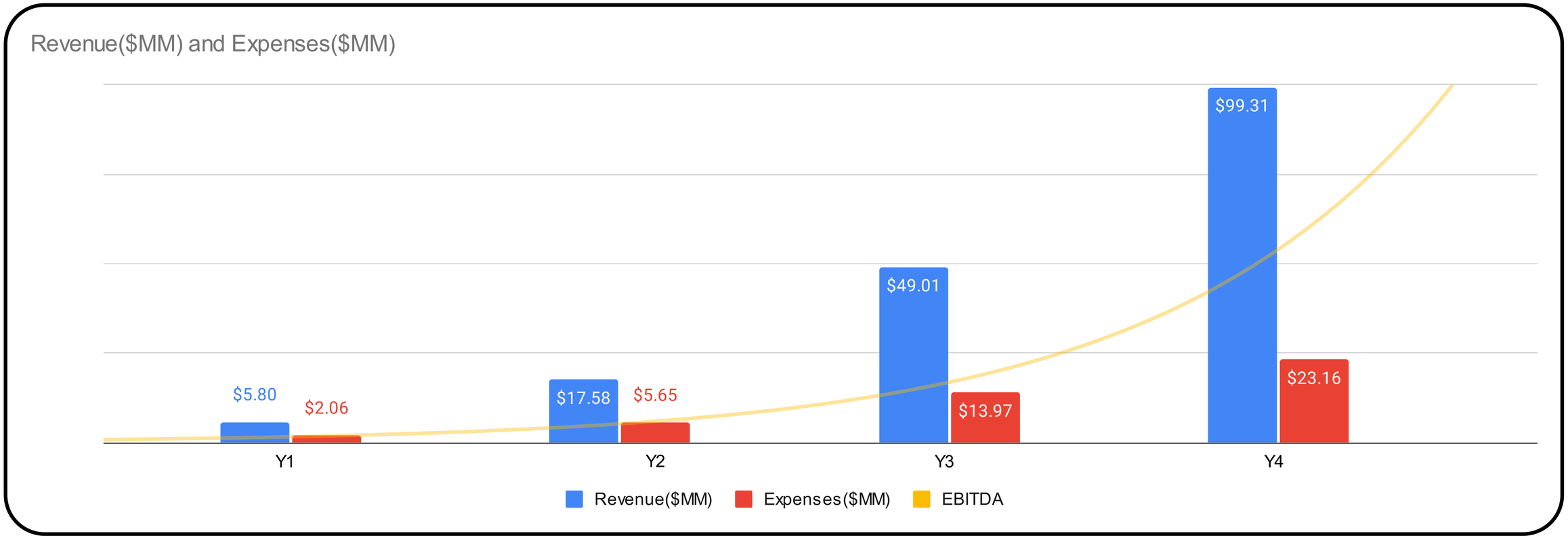
Scale Target

$38B

Robotics Market

Dexterous manipulation is the bottleneck in humanoid robotics. Same actuators, same AI, different form factor.

Prosthetics is where we build clinical credibility. Robotics is where we scale.



Y1-2
Production Scale-up and infrastructure

Y3
Margin Expansion

Y1-2
Total Earnings of ~180M

Health Canada Class 1

Q3 2026
Determine classification and licensing strategy

Q1 2027
Licence submission and supporting evidence

Q2 2027
Implement quality and postmarket controls

FDA Class 1

Q1 2027
Establish the regulatory pathway

Q2 2027
Build and submit the evidentiary package

Q3 2027
Market-entry and postmarket obligations

Reimbursement

ALIGNED TO EXISTING REIMBURSEMENT STRUCTURES. COGS UNDER $3,000 PER UNIT.

Channel	Price per unit	Gross Margin	Key Characteristics
Canada / ADP	$30,000	~90%+	Provincial coverage, established formulary
Medicare/Private	$42,000	~93%+	US insurance, prior authorization
VA/Workers' Comp	$55.000	~94%+	Highest willingness to pay, fastest procurement

Code	ITEM	Reimb.
L6880	HAND	$20,000
L6920-75	SOCKET	$8,000
L6700	AI CONTROL	$29,931
ADDS	GLOVE	$5,000

Core Team

Ahmed Ibrahim

FOUNDER & CEO
LEAD ENGINEER
BSc Neuroscience
Master of innovation(NC)

Leenah Shaikh

CFO & CLINICAL LEAD
BSc Medical Science
Ms Experimental Surgery

Moahimen Ibrahim

LEAD SWE
BSc biochemistry
SWE Software Engineering

Mikaela Morelli

BIOMEDICAL ENGINEER
BSc Biomedical Engineering
Master of innovation

+ 2 Part Time Students

Advisors

Daryl Sherman

CEO at Kapsul
SpeedTheory Ventures Inc.

Dr. Amanda Mayo

Chief St. John's Lab
Sunnybrook Health Sciences Centre

Dr. Julien Montreuil

Musculoskeletal Oncology & Arthroplasty
Surgeon at
McGill University

Clinical Team

Dr. Celina Lin

Associate Professor, Medicine
McMaster University

Dr. Natalie Habra

Lead Physiatrist
Gingras Lindsay Rehabilitation Institute of Montreal

Brad Haardeng

Clinical Manager
Ron Joyce Children's Health Center

Partners

Hamilton Health Sciences

Sunnybrook
HEALTH SCIENCES CENTRE

KUKA

McMaster University

Holland Bloorview
Kids Rehabilitation Hospital Foundation

McMaster Manufacturing Research Institute (MMRI)

Awards

Innovation Nation

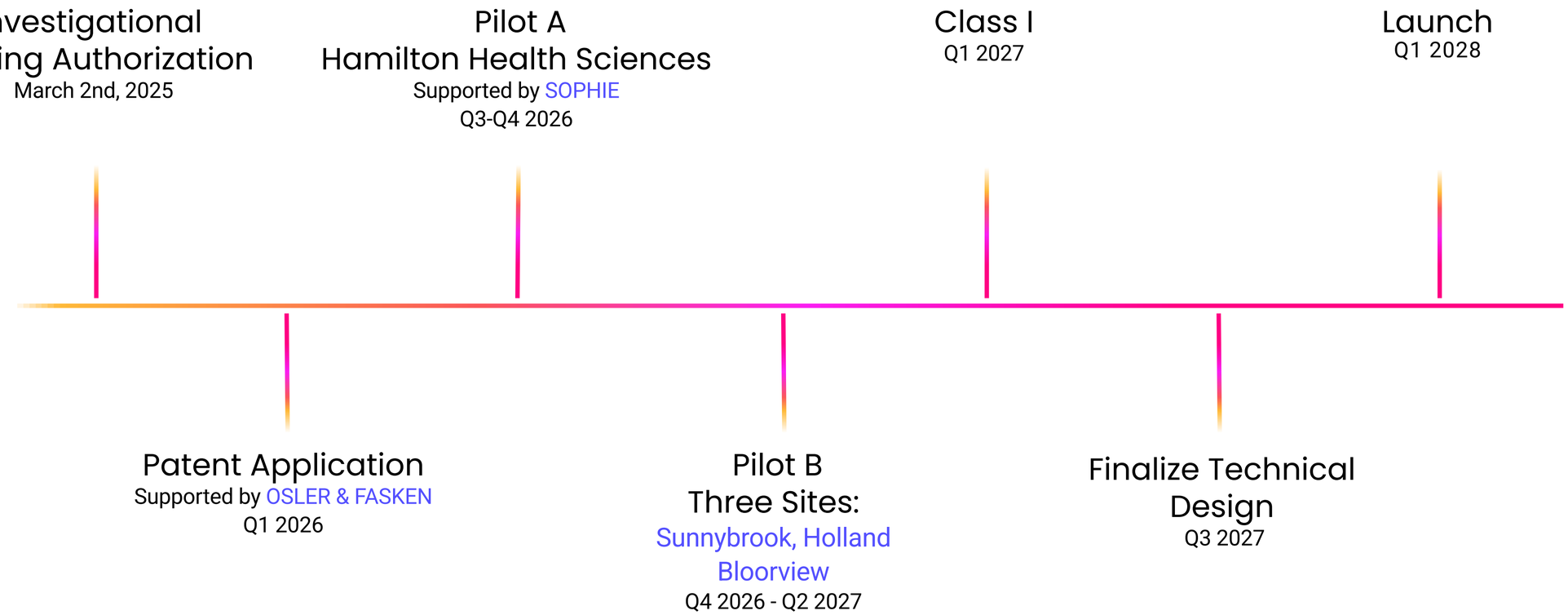
McMaster Seed Fund

THE CLINIC
PEOPLE'S CHOICE

i.d.e.a.™
FUND

Along side 16+ other awards

Next Steps


Investigational
Testing Authorization
March 2nd, 2025
Pilot A
Hamilton Health Sciences
Supported by SOPHIE
Q3-Q4 2026
Class I
Q1 2027
Launch
Q1 2028
Patent Application
Supported by OSLER & FASKEN
Q1 2026
Pilot B
Three Sites:
Sunnybrook, Holland
Bloorview
Q4 2026 - Q2 2027
Finalize Technical
Design
Q3 2027


We can’t do it alone
BETTER
BIONICS