



Hamilton Health Innovation Check Up
February 22, 2021



CURRENT STANDARD OF CARE

Patients are unprepared for the metabolic stress of surgery.
This negatively impacts both the patient and the provider!



Increased Risk
of Infection



Prolonged Length of
Hospital Stay



Elevated Costs
Associated with Surgery

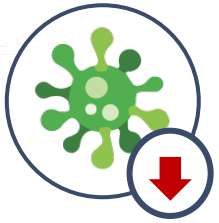


Poor Patient
Experience



PERIOPERATIVE NUTRITION

EMN has developed clinical grade nutritional supplements designed to reduce the metabolic stress of surgery and help a patient recover faster.



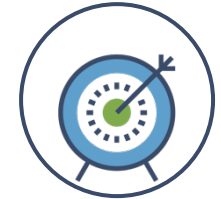
Reduced risk of
Infection



Shortened
Hospital Stay



Decreased Costs
Associated with Surgery



Improved Patient
Reported Outcomes





ISOlution®: Ion-Exchange Protein Isolate

- Taken before and after surgery to reduce the loss of muscle
- Elevated leucine for increased muscle protein synthesis
- Increased amino acid concentration to improve wound healing
- Rapid absorption & digestibility (no peptic clotting)



PREcovery®: Preoperative Complex Carbohydrate

- Taken as an alternative to fasting, in order to reduce surgical stress
- Designed to maximize insulin release
- 12.5% carbohydrate (maltodextrin)
- Proven safety profile (gastric emptying data)

EVOLUTION OF EMN



EMN is positioned to become a market leader in perioperative nutrition.

With key expertise in product development and established clinical references, EMN has followed a path that will lead to increased revenues and access to diverse international markets.

2016-2017

Early-Stage R&D

Incorporation, animal studies and preliminary human research

Commercialization

Product launch in Canadian hospitals

2019

Partnerships

Distribution agreements to increase North American capabilities

Strategic Scale

Ramping up with hospital and e-commerce partners

2020-2021

Full system implementation for elective surgery

Leading partner for cardiac surgery

Validated e-commerce model with total joint reconstruction

Completed site study for key reference in U.S.A. market



50% GM WITH COMBINED MODELS

WHOLESALE
DISTRIBUTORS



E-COMMERCE
PRIVATE SURGERY



NUTRITION PROGRAM FOR TOTAL JOINT RECONSTRUCTION

\$295 USD for a 4-week nutrition program



Incorporate into current education package and preoperative classes



100% patient pay via e-commerce
(No added workload for clinic)



DME model available
(EMN onboarding support)



Patients investing in their outcome
(Holistic approach)

Trusted by:



HSA/FSA payments eligible via e-commerce or telephone orders

PROTEIN INDUSTRIES CANADA

A \$2.2 million joint investment into the development of plant protein blends designed to meet the protein requirements of hospitalized and outpatient individuals.



ISOlution®

A clinical grade plant protein isolate with an optimal amino acid profile to support muscle strength and repair.



COMMERCIALIZATION

Plant-based protein research @ McMaster

- Does it work like animal protein?
- How can we improve it?
- How does it taste...?



FUTURE MARKET OPPORTUNITY

- Product development focus
- Market products in Canada
- License / distribute products internationally

CONVERTIBLE DEBENTURE

~\$750,000.00
20% Discount
10% interest
24-month term

USE OF FUNDS	AMOUNT
HEADCOUNT	\$300,000
SALES & MARKETING	\$300,000
OPERATIONS	\$50,000
R&D	\$100,000
TOTAL	\$750,000

The background of the entire image is a complex, low-poly geometric pattern in various shades of blue, ranging from light sky blue to deep navy blue. The pattern consists of numerous irregular triangles and polygons that create a textured, crystalline effect.

**Prepare Better.
Recover Faster.**

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