



**nDatalyze  
Corp.**

**CSE: NDAT  
OTCQB: NDATF**

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**Investor Presentation  
February, 2023**

**[www.nDatalyze.com](http://www.nDatalyze.com)**

# nDatalyze Corp.

## Forward-Looking Statements

*Certain information set forth in this presentation contains “forward-looking information”, including “future-oriented financial information” and “financial outlook”, under applicable securities laws (collectively referred to herein as forward-looking statements). Except for statements of historical fact, the information contained herein constitutes forward-looking statements and includes, but is not limited to, the (i) projected financial performance of the Company; (ii) completion of, and the use of proceeds from, the sale of the shares being offered hereunder; (iii) the expected development of the Company’s business, projects, and joint ventures; (iv) execution of the Company’s vision and growth strategy, including with respect to future M&A activity and global growth; (v) sources and availability of third-party financing for the Company’s projects; (vi) completion of the Company’s projects that are currently underway, in development or otherwise under consideration; (vi) renewal of the Company’s current customer, supplier and other material agreements; and (vii) future liquidity, working capital, and capital requirements. Forward-looking statements are provided to allow potential investors the opportunity to understand management’s beliefs and opinions in respect of the future so that they may use such beliefs and opinions as one factor in evaluating an investment. These statements are not guarantees of future performance and undue reliance should not be placed on them. Such forward-looking statements necessarily involve known and unknown risks and uncertainties, which may cause actual performance and financial results in future periods to differ materially from any projections of future performance or result expressed or implied by such forward-looking statements. Although forward-looking statements contained in this presentation are based upon what management of the Company believes are reasonable assumptions, there can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. The Company undertakes no obligation to update forward-looking statements if circumstances or management’s estimates or opinions should change except as required by applicable securities laws. The reader is cautioned not to place undue reliance on forward-looking statements.*



## Mental Misdiagnosis Rates >50% – The Root Problem

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General  
Anxiety  
Disorder

**71%**

Major  
Depressive  
Disorder

**65.9%**

Panic  
Disorder

**85.8%**

Bipolar  
Disorder

**92.7%**

### Causes of Mis/Over Diagnosis

- Lack of objective, evidence-based data
  - Interpretive bias of the clinician
    - Lack of deep correlation
    - Distractions/lack of time
    - Outdated analog process

*Sources: Johns Hopkins, PubMed.gov, NCBI*



# What's inside YMI?

*YMI is a Human-Machine mental health analyst*

## **“Memories”**

Digitized life experiences from >1200 people over multiple age groups with diversified backgrounds:

- a) Genetic expressions
- b) Childhood development
- c) Traumas & Allergies
- d) Doctor-diagnosed illnesses
- e) Physical conditions
- f) Life experiences
- g) Lifestyle choices
- h) Brain wave (EEG) data

## **“Expert Processor”**

supervised machine-learning algorithms with input from multiple mental health experts.



## The Experts Behind the YMI System

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**James Durward**  
*President, Founder,  
Director*

Mr. Durward is a data scientist with decades of experience in technical product development. Over ten years of image analysis, pattern recognition and database development experience. Patented, published inventor with lengthy public company experience.



**Dr. Carol Malec**  
Ph.D, MSc, BScN

Dr. Malec is a Certified Counsellor with Canadian Counselling and Psychotherapy Association ("CCPA"). She has over 22 years of counselling experience in private practice, working with individuals to optimize their Mental health and their life circumstances. She holds a Ph.D., and M.Sc. from the University of Calgary, and a BScN from the University of Saskatchewan and is a guest lecturer at the University of Calgary.



**Dr. Keith Courtney**  
*DO, DABPN, CCHP*

Dr. Courtney is a double board-certified psychiatrist and a Clinical Assistant Professor in the Department of Psychiatry at the UofC Cumming School of Medicine. He has been on the faculties of the University of Vermont, Dartmouth Medical School, the University of Nevada and currently an Assistant Clinical Professor at the University of Calgary.



**Dr. Andrea Protzner**  
*PhD, EEG specialist*

Dr. Protzner holds a PhD in Neuroscience and an MA in Perception and Psychophysics. She is an Associate Professor at the University of Calgary and a Full Member of the Hotchkiss Brain Institute. Dr. Protzner is also the head of the Brain Dynamics Lab, where her research goal is to build a framework that links cognitive integrity and neural dynamics to provide a coherent understanding of how cognition emerges from operations in the intact and impaired brain.



**Dr. Keltie Duggin**  
*M.D.*

Dr. Duggin is a clinical lecturer at the University of Calgary Cumming School of Medicine. Her current practice is in neurorehabilitation hospitalist work and is the hospitalist physician leader for two neurorehabilitation units in Calgary at the Foothills Medical Center and the Vernon Fanning Center. She published articles in journals such as the Canadian Journal of Hospital Pharmacy. Keltie is a former 1988 swim Olympian.

# The YMI Solution – Corporate Snapshot



nDatalyze's flagship solution, YMI, is an expert system that uses machine learning to predict probabilities of personal mental health conditions.

## Addressed Conditions

Depression

PTSD

Anxiety

BiPolar

Alcoholism

Personality Disorder

OCD

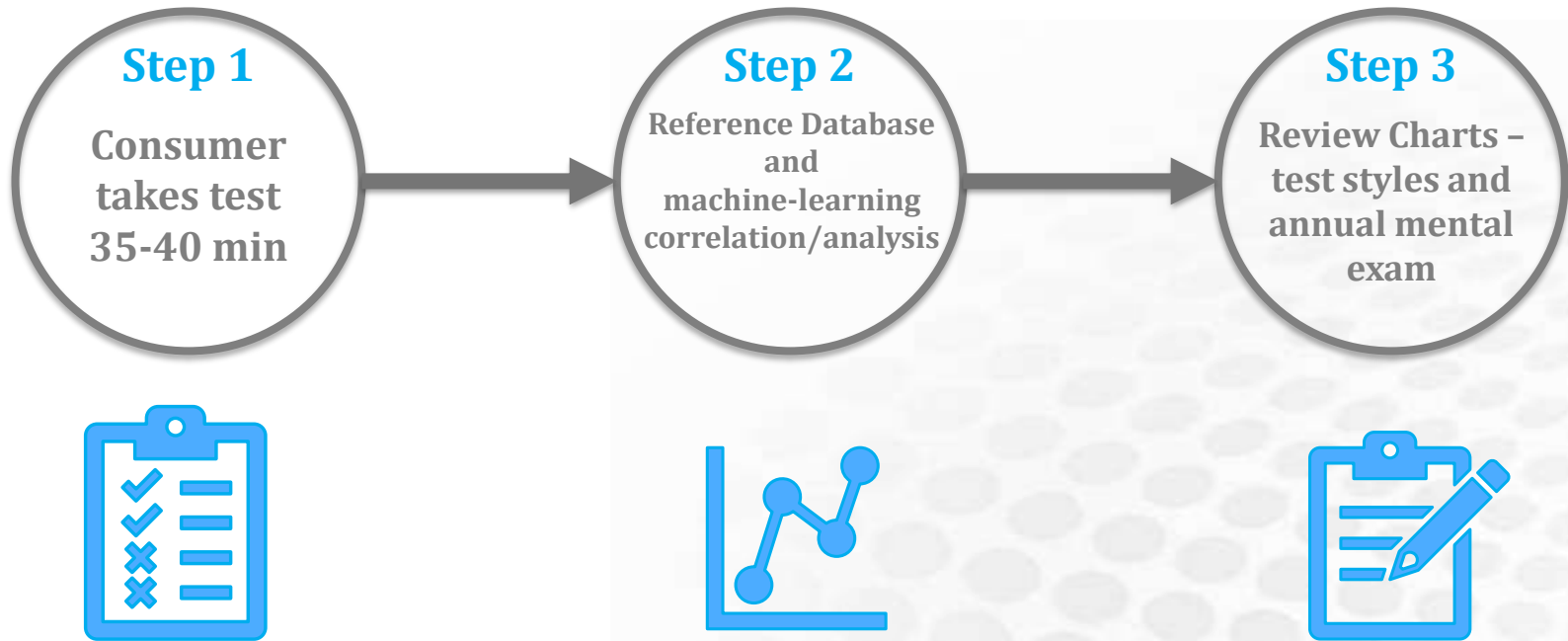
- ✓ Assess and manage mental health risks
- ✓ Mental health security and clarity
- ✓ A healthy mind for a thriving life





## The YMI Process

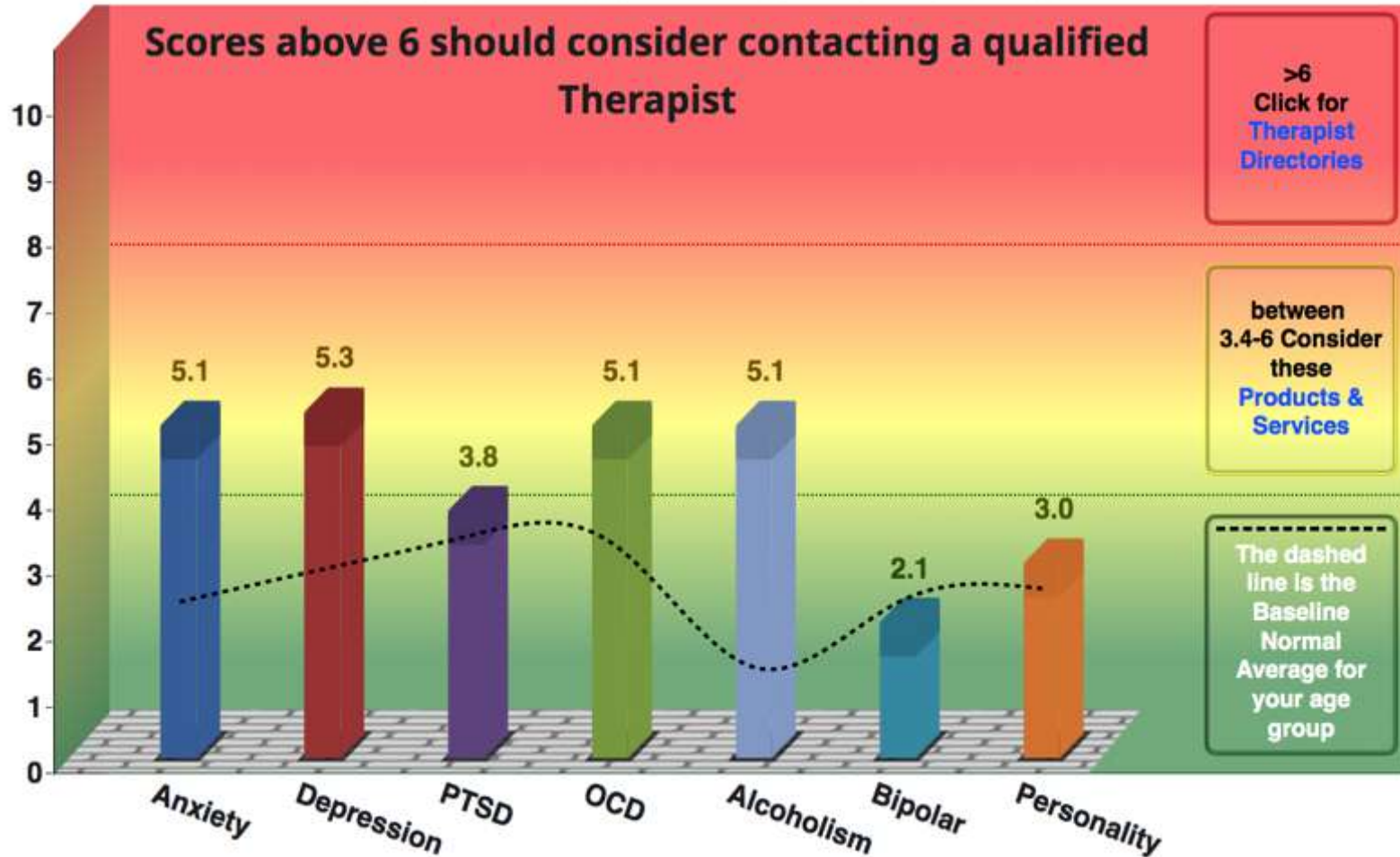
YMI is an expert system that uses machine-learning (“AI”) to predict probabilities of personal mental health conditions.





# The YMI Analysis – Reporting & Ongoing Monitoring

Your Current Predicted Mental Condition Probabilities



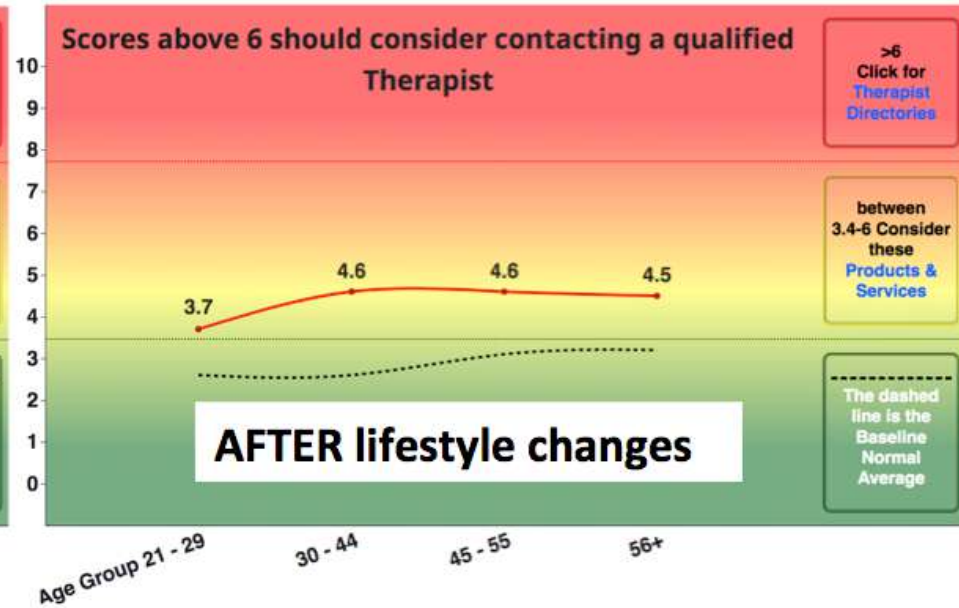
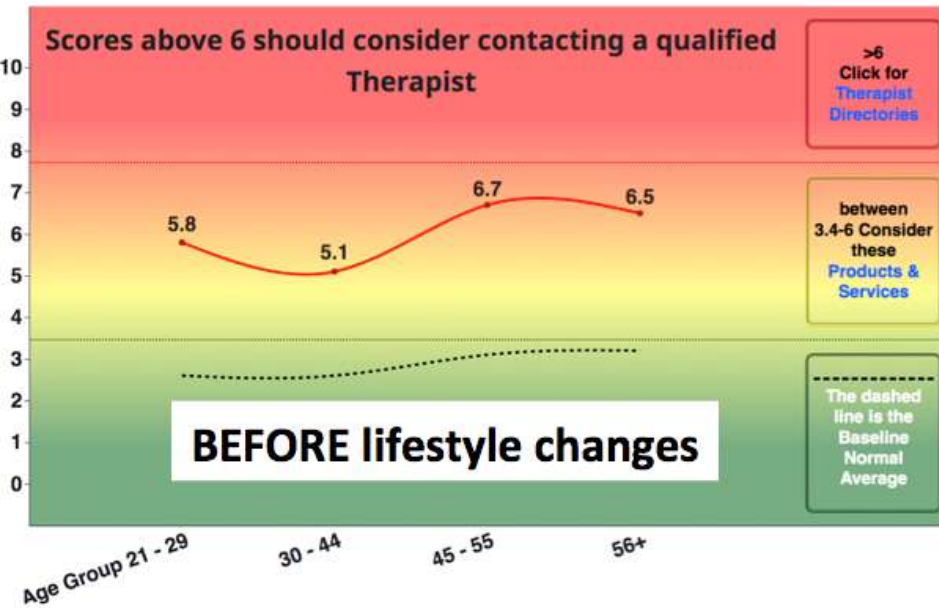




# The YMI Analysis – Reporting & Ongoing Monitoring

Your Predicted Anxiety Trajectory

Your Predicted Anxiety Trajectory





## Mental Health Assessments\*

Features		Ham-D (1)	BDI (2)	DSM Level 1 (3)	Clinician Visits (4)	Amen Clinics (5)
<b>Anonymous</b>	✓	✓	✓			
<b># Questions Analyzed</b>	250	17	21	23	Many	Many
<b># Conditions Addressed</b>	7	1	1	Multiple	Multiple	Multiple
<b>Objective Data</b>	✓			Some	Some	✓
<b>Biometric Correlation</b>	✓			Some	Some	✓
<b>Brain Wave Correlation</b>	✓					✓
<b>Genetic Expressions</b>	✓			✓	✓	✓
<b>Family History</b>	✓			✓	✓	✓
<b>Childhood Development</b>	✓			✓	✓	✓
<b>Future Predictions</b>	✓					
<b>“What-if” Capability</b>	✓					?
<b>Graphic Reports</b>	✓					
<b>Cost (retail)</b>	<b>\$99*</b>	<b>Free</b>	<b>Free</b>	<b>\$\$\$**</b>	<b>\$\$\$**</b>	<b>\$3500***</b>

1. Hamilton Depression Rating
2. Beck Depression Inventory
3. DSM-5 self-rated Level 1 Cross-cutting Symptom Measure – Adult
4. Can be many visits over many months
5. Private Clinics

- \* Common mental conditions
- \*\* Hourly rate X # of visits
- \*\*\* Base cost (US\$)
- \* **Subject to change**



## YMI Distribution Model

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### B2C to the “mHealth” Consumer – employing what works.

- Influencers vs. Brand Ambassadors
- Which digital platforms? - Facebook, Instagram, Google Display Ads, YouTube
- Demographically-targeted digital ads
- Graduated rollout to refine approach – there are always adjustments to be made.

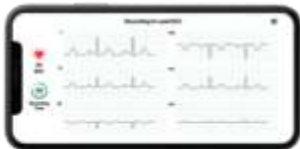
### Commercial Channels (“B2B”)

- Family doctors and Mental Health therapists – chains/corporate relationships
- Digital and Print ads



# The Consumer Mobile Health (“mHealth”) Market

**Wearables /  
Heart Rate Monitors  
(EKG)**



**Telehealth**



**DNA Test Kits**



**Brain Monitors  
(EEG)**



**Blood Pressure  
Monitors**





# “mHealth” Growth Projection

**\$50.7B**

Global Market Size,  
2021

**9.4%**

U.S. Market CAGR,  
2022 - 2030

11% CAGR  
Globally

## Global mHealth Market

share, by participants, 2021 (%)

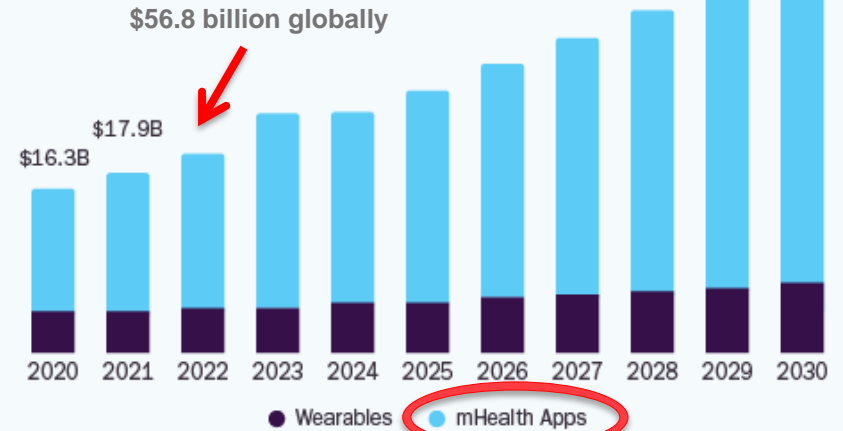


● Mobile Operators ● Device Vendors ● Content Players ● Healthcare Providers

## U.S. mHealth Market

size, by component, 2020 - 2030 (USD Billion)

\$130.6 billion globally



- **The Problem:** Infrastructure and procedures
- **The Solution:** mHealth (mobile health)

The diagnosis services segment “is expected to register the highest growth rate over the forecast period...”



## The Management Team

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**James Durward**  
*President, Founder,  
Director*

Mr. Durward is a data scientist with decades of experience in technical product development. Over ten years of image analysis, pattern recognition and database development experience. Patented, published inventor with lengthy public company experience.

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**Dušan Kuzma, MBA, MSc.**  
*Director*

Experienced in product development and commercialization, served on the Information and Communications Technology Council advisory board for advanced manufacturing technologies in Canada.

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**Dwayne Vinck, CA**  
*CFO*

Mr. Vinck has various business experiences including financial reporting and directorships, executive leadership, change management, project leadership, mergers and acquisitions. Public company experience.

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**Steve Price, P.Eng.**  
*Director*

Mr. Price has over 35 years experience in engineering and management including corporate operations, evaluations, facilities design and operation. Public company experience.

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**Gordon Crawford, P.Eng.**  
*Director*

Mr. Crawford has over 30 years of engineering experience including management positions in several prestigious engineering firms and most recently was a Co-Founding Partner and Vice President of an established mid-sized Edmonton EPC engineering firm.



## YMI Development Timeline

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- ✓ **Mar 2021:** Project Financing
- ✓ **Mar 2021:** Constructed questionnaire and EEG process, began database build
- ✓ **May 2021:** Started machine-learning and questionnaire development
- ✓ **July 2021:** Filed US patent application
- ✓ **Nov 2021:** Completed Reference Database, all participants with EEG data
- ✓ **Sept 2021:** Commenced buildout of website
- ✓ **Jan 2022:** Conduct initial marketing survey (third party)
- ✓ **Feb-Apr 2022:** Finalized 7 supervised ML algorithm, conducted ML testing
- ✓ **Q2-Q4 2022:** Develop user experience & design marketing program



# YMI Development Timeline

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- ✓ **Q3-Q4 2022:** YMI Market Testing – Targeted ads, channels and influencers
- ✓ **Q4 2022:** Launch YMI – Refine and expand marketing approach
- ✓ **Q4 2022:** Initial Revenues
- ✓ **Q4 2022:** begin Targeted Marketing to Clinicians

## Growth

**Q1 2023:** refine marketing approaches and UX design

**Q2 2023:** Enter the US market.





# Share Metrics & Highlights

CSE: NDAT, OTCQB: NDATF	
Market Cap	~C\$7.9M
Share Price	C\$0.195
52-week Range	C\$0.12 - C\$0.36
Shares Outstanding	38.72 M
Warrants (C\$0.35, Mar '23)	1.53 M
Fully Diluted	40.25 M
Management Ownership	~30%

## Investor Highlights

- ✓ YMI launched in H2/22
- ✓ Marketing approach to complete in calendar Q1/23
- ✓ no debt
- ✓ U.S. Patent Pending
- ✓ Proprietary Reference Database
- ✓ AI-based mental health assessment product



# CONTACT US



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