



CSE: NDAT
OTCQB: NDATF

Investor Presentation
December, 2022

www.nDatalyze.com

nDatalyze Corp.

Forward-Looking Statements

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Mental Misdiagnosis Rates >50% – The Root Problem

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 - Outdated analog process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

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

Anxiety

Alcoholism

OCD

PTSD

BiPolar

Personality Disorder

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





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) Lifestyle choices
- g) Brain wave (EEG) data

“Expert Processor”

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



The Experts Behind the YMI System



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 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

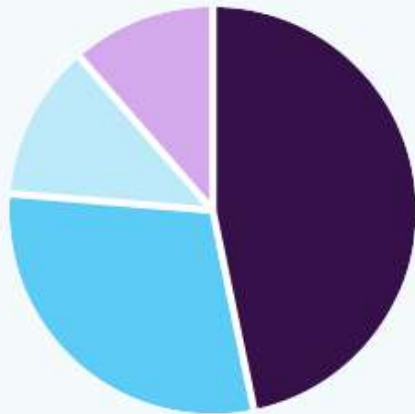
9.4%

U.S. Market CAGR,
2022 - 2030

11% CAGR
Globally

Global mHealth Market

share, by participants, 2021 (%)

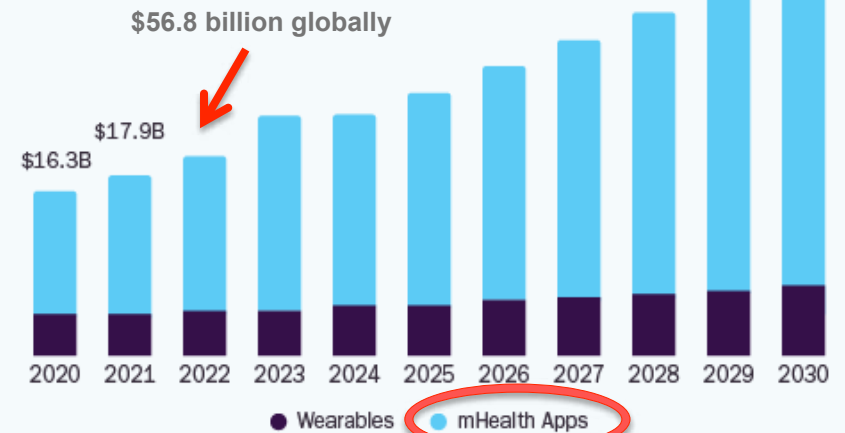


● Mobile Operators ● Device Vendors ● Content Players ● Healthcare Providers

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...”



How Mental Health is Diagnosed Today*

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

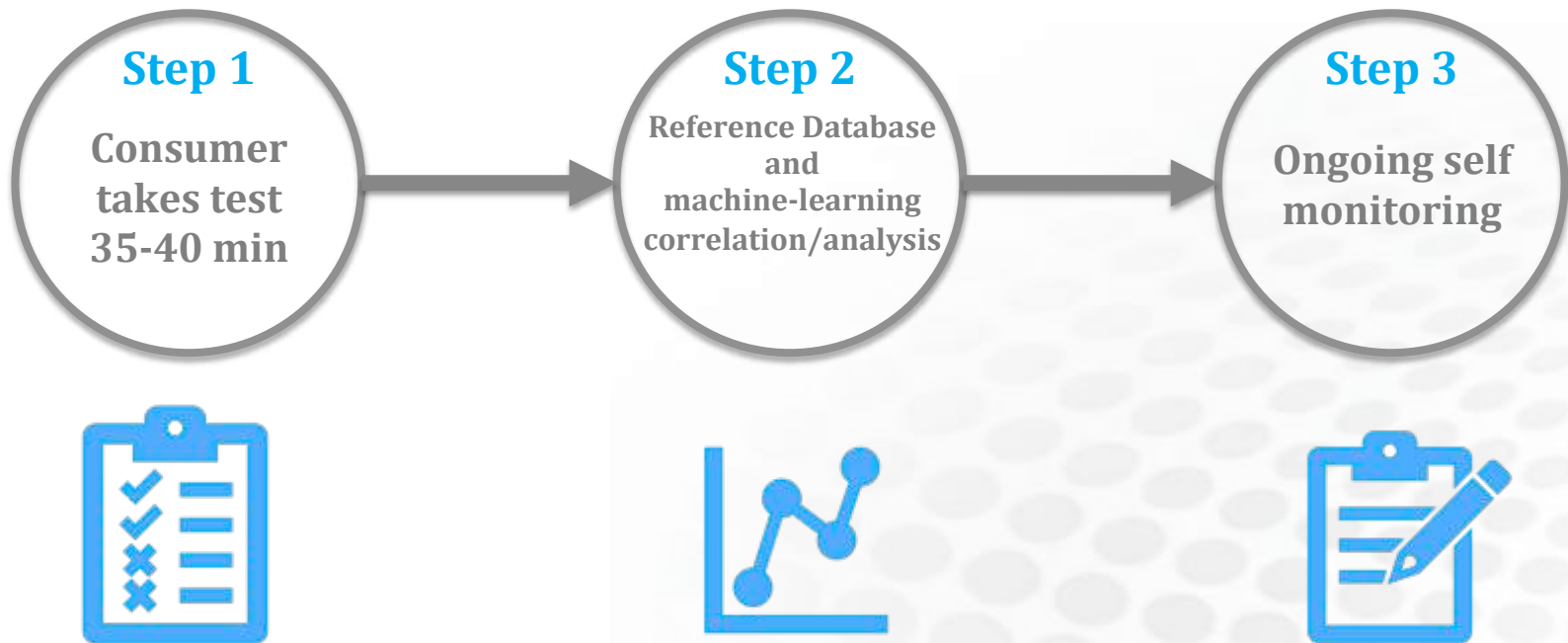
1. Hamilton Depression Rating
2. Beck Depression Inventory
3. DSM-5 self-rated Level 1 Cross-cutting Symptom Measure – Adult
4. Can be many visits over many months
5. Private Clinics

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



The YMI Process

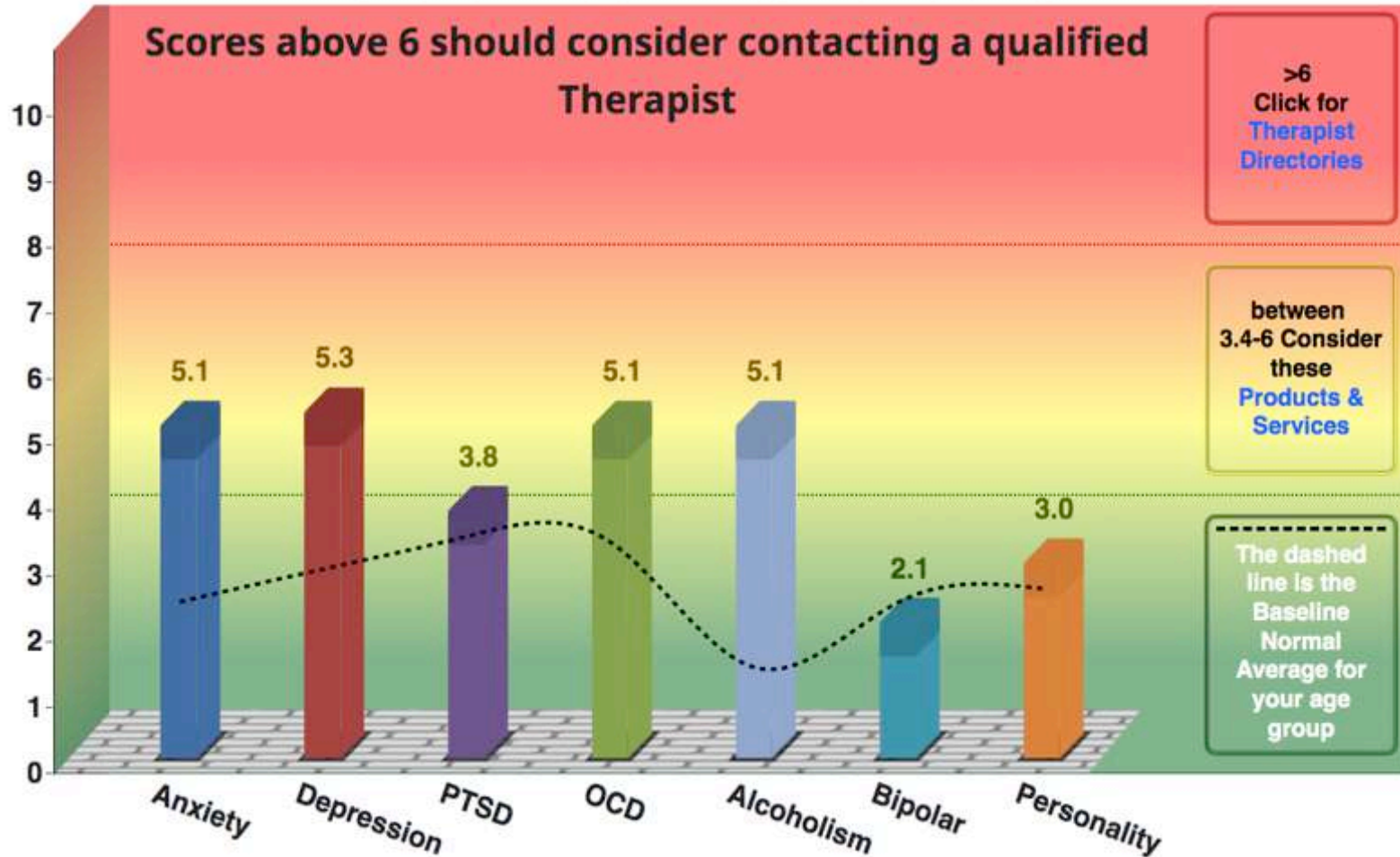
YMI is an expert system that uses machine learning to predict probabilities of personal mental health conditions.





The YMI Analysis – Reporting & Ongoing Monitoring

Your Current Predicted Mental Condition Probabilities





YMI Distribution Model

Direct to the “mHealth” Consumer

- Brand Ambassadors
- Social media campaigns, Meta (Facebook), Instagram, Google Display Ads, Video clips
- Demographically-targeted digital ads
- Graduated rollout to refine approach

Commercial Channels (“B2B”)

- Mental Health therapists – client-pay onboarding tool and revenue stream
- Adwords and Industry print ads



The Management Team

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.

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.

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.

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.

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

- ✓ **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 >1200 participants, all with EEG data
- ✓ **Sept 2021:** Commenced buildout of website
- ✓ **Jan 2022:** Conduct initial marketing survey (third party)
- ✓ **Feb-Apr 2022:** Finalized 7 supervised ML algorithms and conducted ML testing
- ✓ **Q2-Q4 2022:** Develop user experience & design marketing program



YMI Development Timeline

- ✓ **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

Q2 2023: Enter the US market.



Share Metrics & Highlights

CSE: NDAT, OTCQB: NDATF	
Market Cap	~C\$8.1M
Share Price	C\$0.20
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	~25%

- ### Investor Highlights
- ✓ **YMI launched in Q3-Q4 2022**
 - ✓ **no debt**
 - ✓ **U.S. Patent Pending**
 - ✓ **Proprietary Reference Database**
 - ✓ **Advanced consumer mental health product**
 - ✓ **Software-based means no inventory or product return issues**



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