



CSE: AIML
OTCQB: AIMLF
FWB: 42FB

Paul Duffy || CEO

Health Intelligence

Revolutionizing Healthcare:
The Future of Wearables, AI, and
Remote Patient Monitoring

Enabling Healthier Futures

February 14th, 2024



Forward Looking Statement

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Enabling Healthier Futures

TOWN HALL AGENDA

- What we Do
- The Next 90 Days
- Milestones & Updates
- Questions & Answers



The AI/ML Biometric Journey

Capture

Smart Sensor Wearables **Capture** biometric signals or pulses through our ***"Pulse Whisperer"*** API's, Connectors, SDK For **Time-Series Data Collection**

Analyze

Analyze using our proprietary and patented Neural Networks, Machine Learning, and Artificial Intelligence services to create an accurate ***"Biometric Information Pulse"***

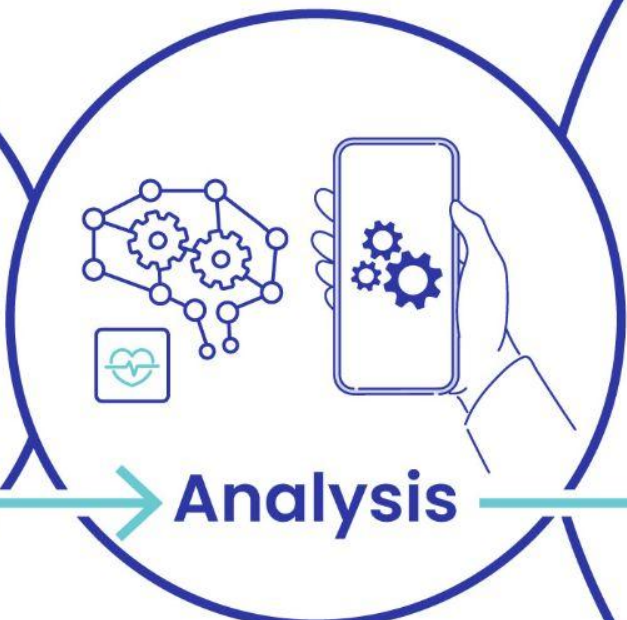
Action

Action with **Predictive Analytics** for personalized insights through our **Biometrics Platform** to "inform" the right Adaptive Care Pathways and advanced **Remote Patient Monitoring**





2023 Innovation Grand Prize at the prestigious **L'Encéphale Medical Congress** in Paris

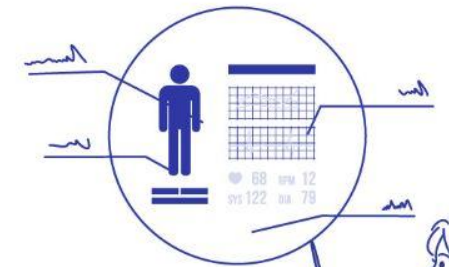


Non-invasive AI/ML Blood Pressure



Regular Monitoring

Improved Health



Consultation with Healthcare Professional



The First 100 Days: Milestones Q4, CY 2023

One: Book \$1.0MM in orders for 2024

- Health Gauge Inc. (95.2% owned by AIML)
 - In North America, renews approximately **\$300K CDN**
 - Professional Services & License Agreement of the Health Gauge Platform and Neural Net
- Tech2Heal (up to 22% ownership rights, 12.44% currently owned by AIML) & AI Rx Inc. (70% owned by AIML, 30% owned by Tech2Heal)
 - In Europe, books approximately **€ 525K, \$750K CDN**
 - EssilorLuxottica AR Eyewear Consortium, University Hospital of Nice Clinical Trials, Licensing and Professional Services deals in the UK, France and Nigeria.

Two: Prepare for FDA Submission of Neural Net and Care Pathway

- Health Gauge completes pre-trial training of the **BPM NN**
- Tech 2 Heal completes pre-trial validation for the **Care Pathway Studio**

Three: Raise \$1.0MM in new capital

- Successfully closed **\$750K** in December



Sales are Starting

From Pitch to Purchase

Traction in the First 100 Days:

- AI and Remote Patient Monitoring for **Blood Pressure Management**
- **AI Licensing** for Patented Neural Net
- Clinical Trial Management Systems
 - University Hospital of Nice **Ageing Well Clinical Study - 2 Trials Underway**
 - Europe's Largest Study for the Prevention of Loss of Autonomy in the Elderly
 - Involves 30,000 patients & 10 research Laboratories
 - 5 Year Studies



Aging Well



CLINICAL TRIAL HIGHLIGHTS

**Personalized program for preventing loss of autonomy in the elderly:
Key Metrics – Accessibility, Empowerment, and Environmental Adaptations**



The CHU is launching the biggest decentralized clinical trial in order to prevent loss of autonomy in the elderly.

With a goal to develop a program to **prevent loss of autonomy in elderly people** who are remote from the healthcare system



The cohorts will be composed of **30,000 citizens** from the city of Nice and its surroundings aged between **50 and 70 years**.

*Testimony: "Our stakes are immense and we are pleased to take the ride with Tech2heal for the next five years. **The platform is the backbone of our project.**"*

Olivier Guerin, Professor in Geriatric

My Health Friend

Funded by a European Commission Fund

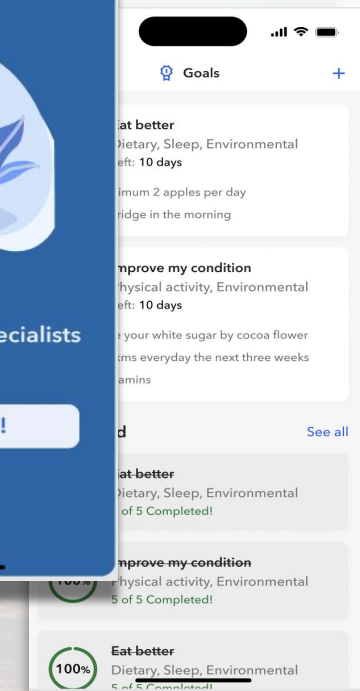
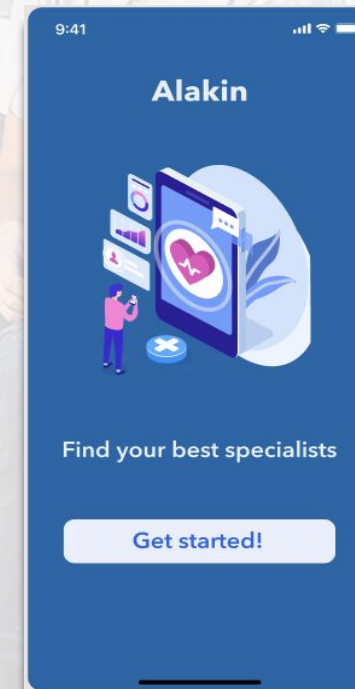
- Multi-language Health App for Cross-Border Populations (French, Italian, English) – Personalized Digital Rehabilitation to Prevent Chronic Diseases, Reduce Socio-Health Impact.

Objective 1 – Setup and Data Collection

- Target Study: General population in transalpine regions, application free to use
- Inclusion Period: 18 months, involving 1000–1500 individuals

Objective 2 – Assessing Impact

- Target: 50 patients with chronic neurological diseases aged 14 to 80 (territory residents)
- Supervised use by healthcare professionals over 6 months
- Measure satisfaction levels and well-being/quality of life impact



Prescription for Growth: Investing in the Clinical Trials Boom



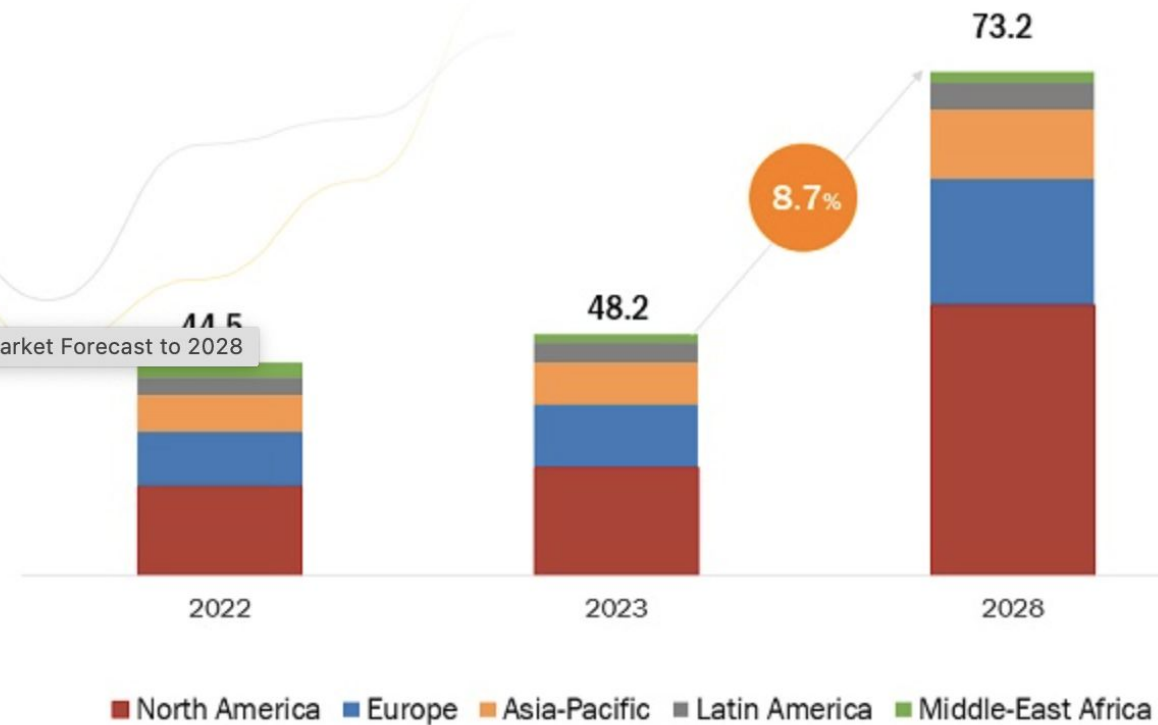
CLINICAL TRIALS MARKET GLOBAL FORECAST TO 2028 (USD BN)



CAGR OF
8.7%

The global clinical trials market is expected to be worth USD 73.2 billion by 2028, growing at a CAGR of 8.7% during the forecast period.

Clinical Trials Market Forecast to 2028



The global **clinical trial management system** market size was estimated at **USD 1.6 billion in 2022** and it is expected to reach around **USD 5.22 billion by 2032**, poised to grow at a compound annual growth rate (**CAGR**) of **12.6%** during the forecast period 2023 to 2032.

The Next 90 Days: Milestones Q1, CY 2024

One: Build Funnel, Create Pipeline

- Jan 15th - Launch of the **Health Gauge Biometrics** website
 - Aligned to Product / Market Fit with SEO/SEM for Lead Gen
- Secure Pilot Programs and New Accounts

Two: Build Products

- Jan 31st - Launch of v1.0 of **The Pulse Whisperer** for Biometric Raw Signal Data
 - Capture unlimited time-series biometric data from our smart sensors for Research in Life Sciences
- February 29th - Launch v1.0 of **Follow Your Heart** - Measure, Monitor and assist with the Management of your Blood Pressure
 - Our non invasive Blood Pressure Smart Sensor Watch using our Patented Neural Network and sold through pharmacy retail & other partners
- March 31st, Introducing **Version 2.0** of the **Health Gauge Biometrics Platform for Health Sciences**. Biometric Magic with Capture, Analyze and Action
 - This will be our primary platform going forward.

Three: Build More Value

- Setup AI Rx Inc., Operating Co. with transfer & setup of **Alakin Health Platform**
- Complete Neural Net Training, Prepare for **FDA Submission**
- Secure **Grants & Research Programs** and additional non-dilutive funding
- Establish a world-class **Science & Product Advisory Council**



Biometrics Unleashed

Welcome to Health Tech 2.0
The Era of Health Intelligence

At the dawn of 2024, advancements in Artificial Intelligence (AI), Predictive Analytics (PA), Large Language Models (LLM) and Transformers (GPT) have reset everything to a new normal.

[Scroll to Dream](#)



Monday

7h 40m

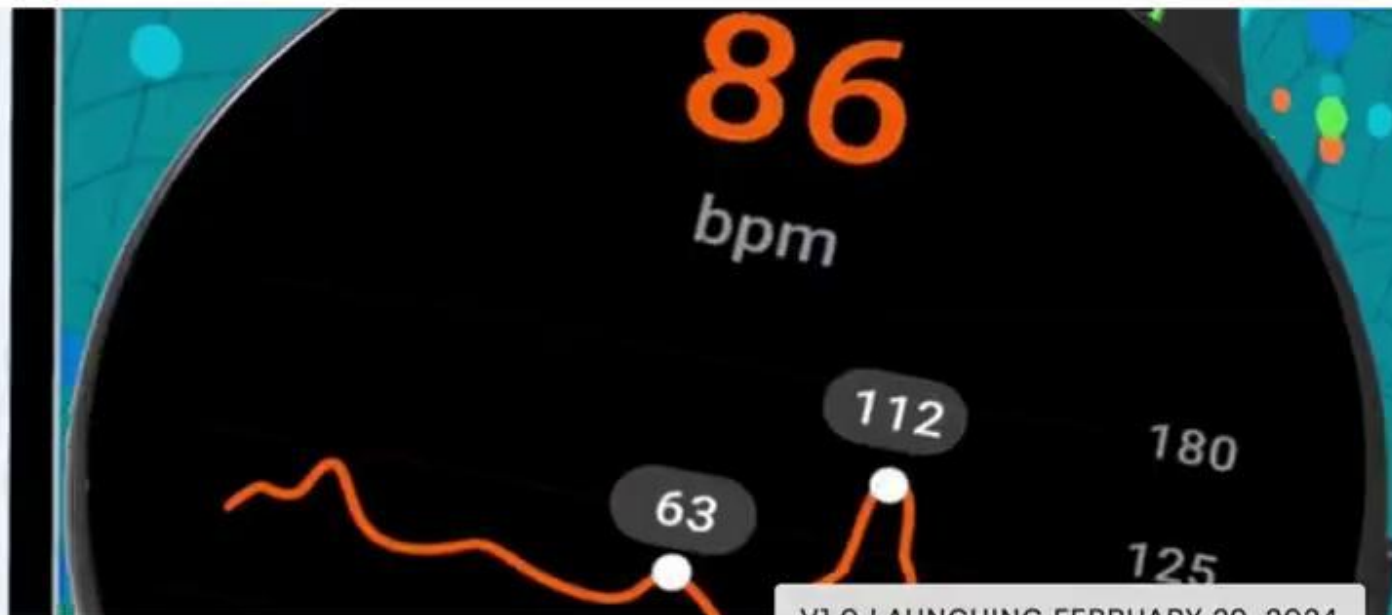


V1.0 LAUNCHING JANUARY 31, 2024

Need Biometric Raw Signal Data?



 [Edit site](#)



V1.0 LAUNCHING FEBRUARY 29, 2024

Follow Your Heart

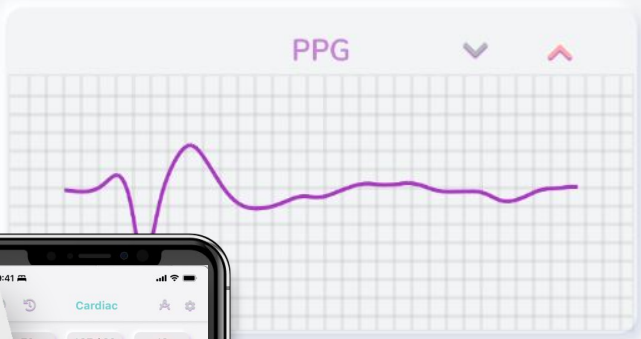
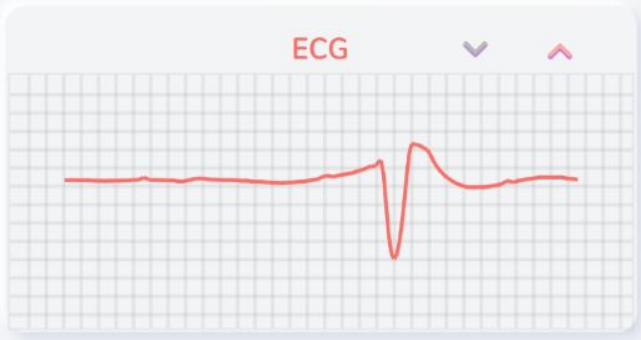
Non Invasive Blood Pressure Measurement & Monitoring

[Edit site](#)



- Setup
- Survey
- Groups
- Rules
- Calendar
- Care People

75 HR (bpm) 109/73 BP 36 HRV (RMSSD)



51

MEASUREMENT

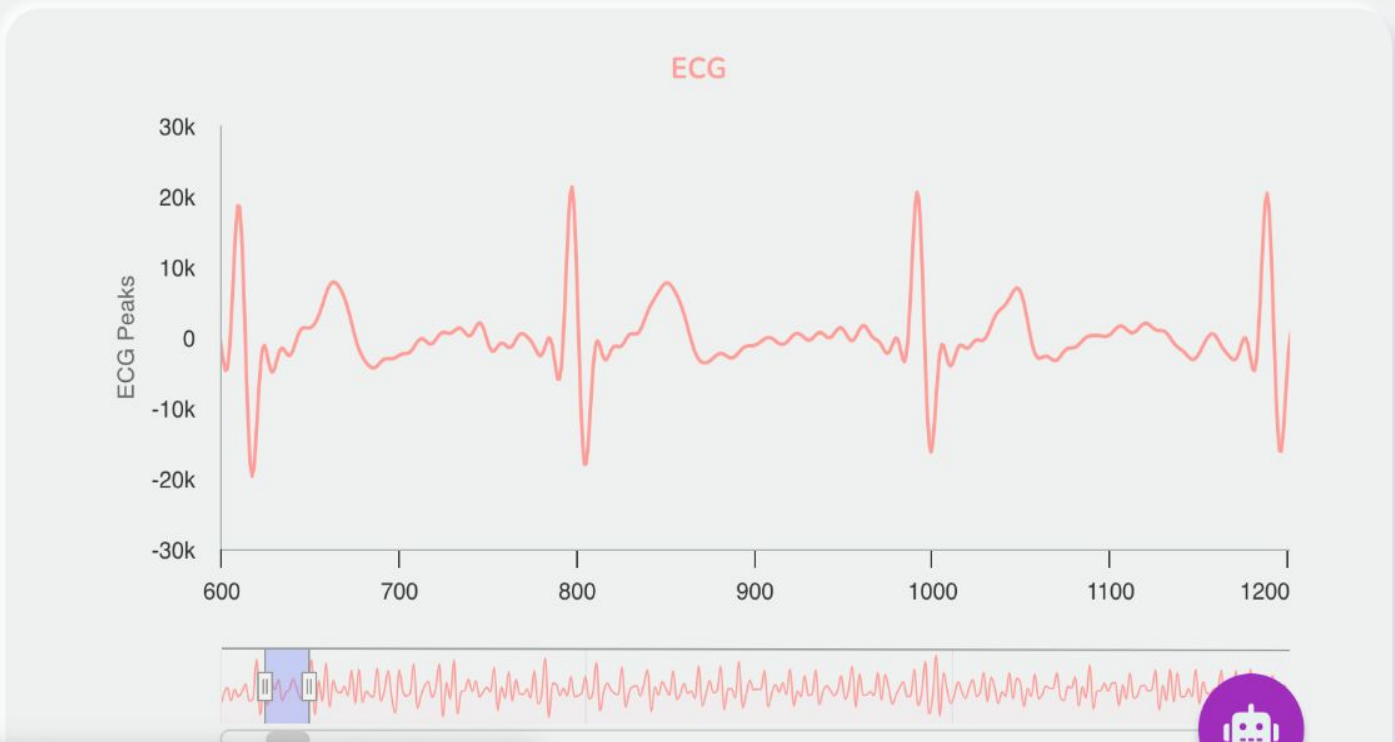


BACK

83 HR (bpm)

122/75 BP (mmhg)

22 HRV



Non-Invasive Blood Pressure Product



Heart Disease Impact



100 MILLION
PEOPLE AFFECTED IN NORTH AMERICA



1.5 BILLION
PEOPLE AFFECTED WORLDWIDE



400,000
RELATED DEATHS ANNUALLY IN USA

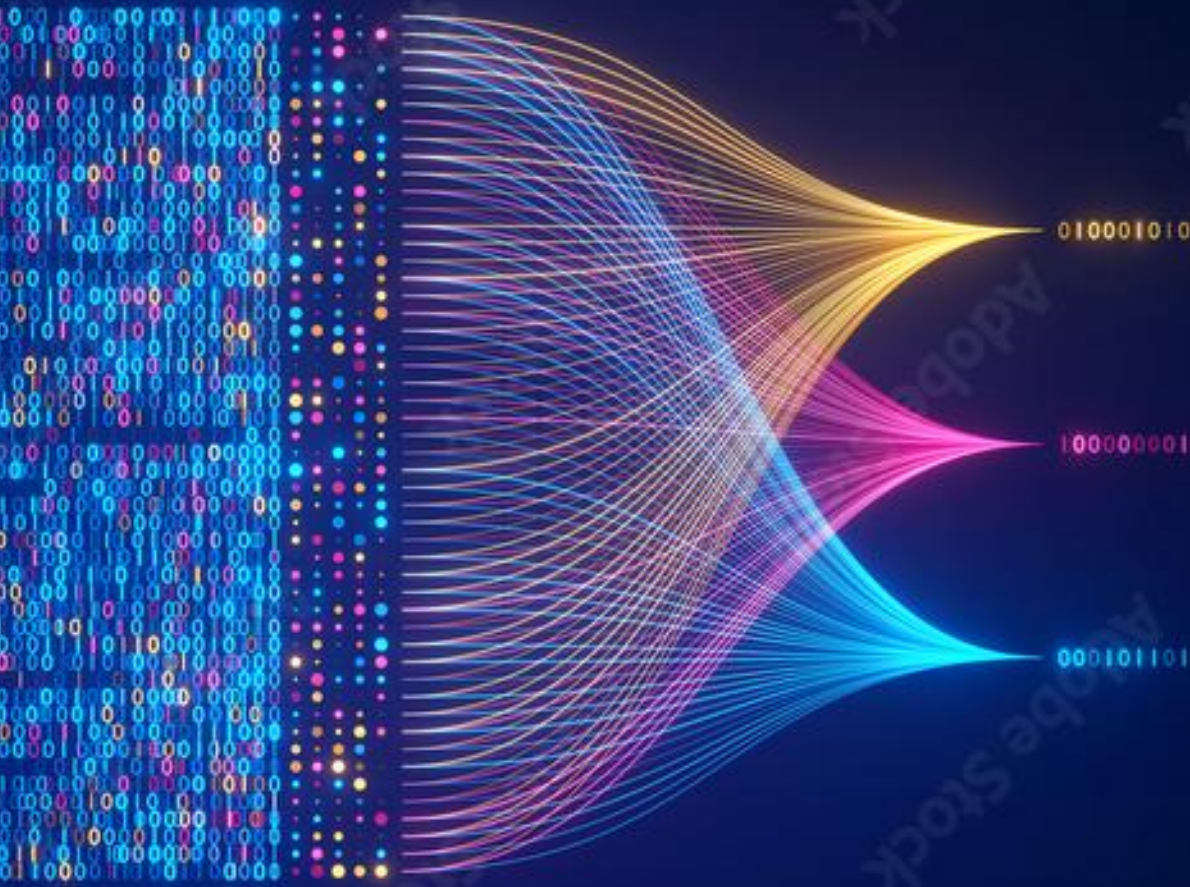


\$50 BILLION / YR \$
COST TO THE HEALTH SYSTEM

Unit Price \$249.99

Fact – Blood pressure measurement is a **key diagnostic and preventive tool** in the context of heart disease

Percentage	Units	Revenue
0.05%	50,000	\$12,499,500
0.10%	100,000	\$24,999,000
0.25%	250,000	\$62,497,500
0.50%	500,000	\$124,995,000



Enabling
Healthier Futures

Neural Nets: Training & FDA

Why are we doing all this?

- Biometric Smart Sensors need Neural Nets to convert Signals & Pulses to precise measurements.
 - Transforming millions of inputs into actionable insights through our innovative biometric InfoPulse. (more on this in our Next 100 Days)
- Advance our unique Value Proposition
 - Capture, Analyze & Action Biometric Measurements.

Who is leading the effort?

- Bruce Matichuk and his NN Dev team
- Randy Duguay and his team are running the NN Training Program - this will be "Always On"
 - Please contact if you want to participate.

When will our NN be ready for FDA submission?

- Continuous training data will improve the accuracy of the neural network over time - "Always On"
- FDA Submission begins in Q1, 2024

HG NN MARD Graph

Jan 10, 2024

- Juan Diego, Arsham Sarshogh

Current Data Pairs:

**Total (over all time)
data pairs = 12,960**

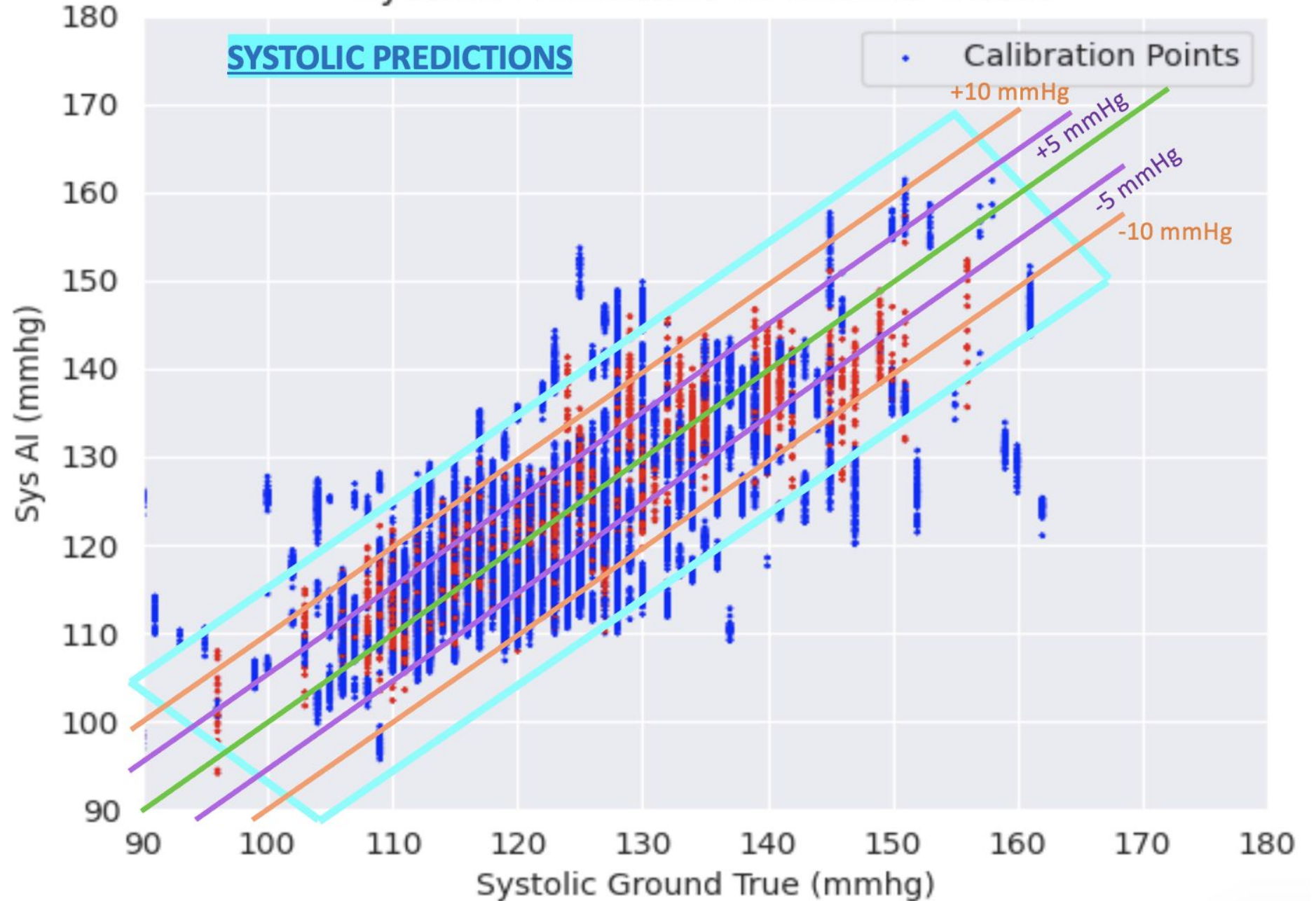
**From Nov 1, 2023
Total = 2506 pairs
NN pairs = 1861**

IEEE 1708 / BHS

	<u>GRADE A</u>	<u>HG NN</u>
≤ 5 mmHg	65% of data	51.0%
≤ 10 mmHg	85% of data	81.0%
≤ 15 mmHg	95% of data	92.0%

* mmHG - Millimeters of Mercury

Systolic Predictions vs Ground Truths



Diastolic Predictions vs Ground Truths

HG NN MARD Graph

Jan 10, 2024

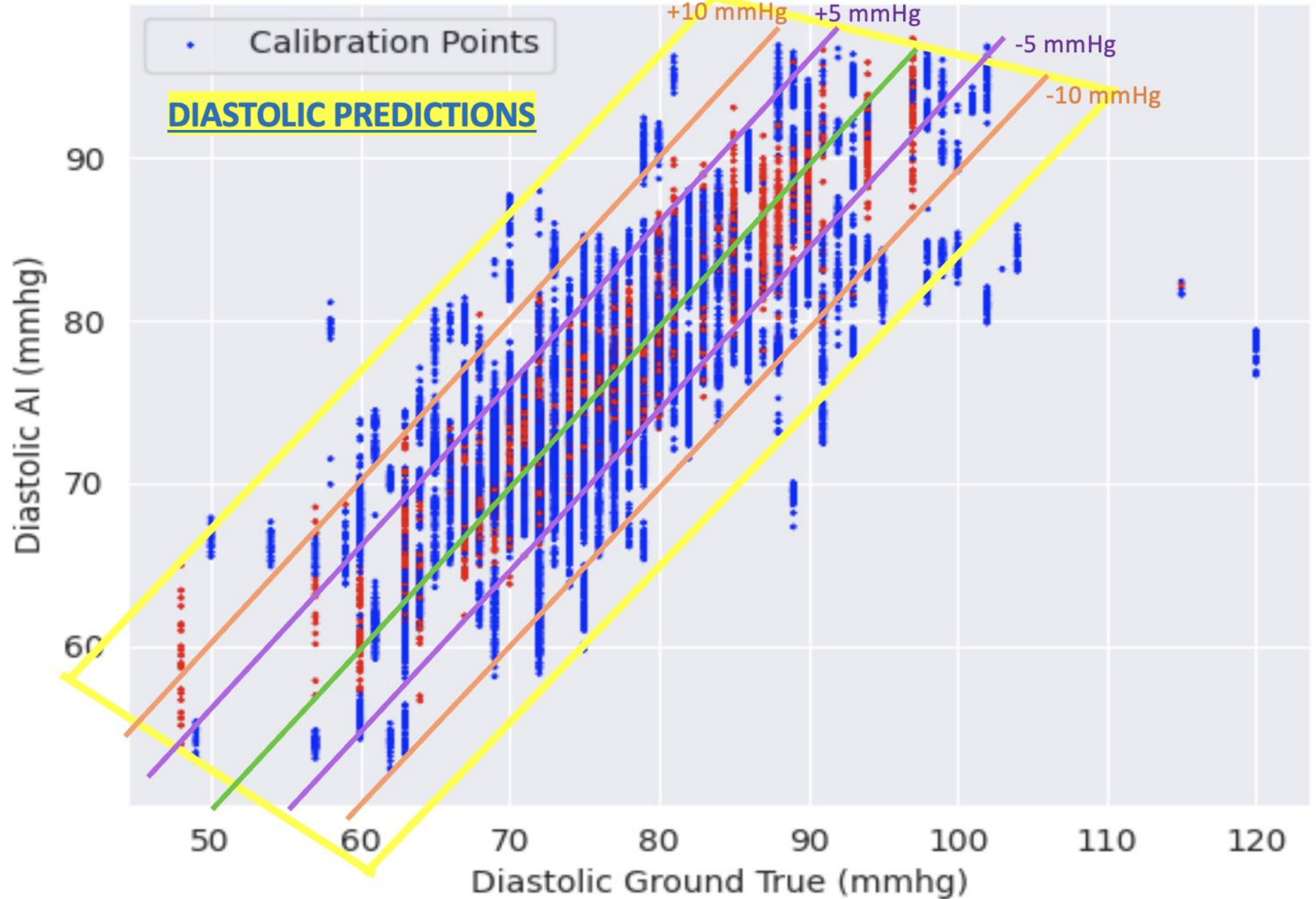
- Juan Diego, Arsham Sarshogh

IEEE 1708 / BHS

GRADE A

HG NN

≤ 5 mmHg	65% of data	71.0%
≤ 10 mmHg	85% of data	92.0%
≤ 15 mmHg	95% of data	98.0%



* mmHG - Millimeters of Mercury

HEALTH GAUGE REGULATORY: Current NN Solution: Version 1.0 Model ... as of February 12, 2024

HG SYSTOLIC Blood Pressure

DIASTOLIC Blood Pressure

DATE	SYS (ST-Dev) mmHg	MEAN AVG Deviation (MAD)
Dec 6, 2023	9.98	9.19
Dec 9, 2023	9.27	9.10
Dec 12, 2023	9.11	8.73
Dec 14, 2023	9.02	8.59
Jan 02, 2024	6.99	7.24
Jan 10, 2024	5.98	6.73
Feb 01, 2024	5.31	6.36
Feb 12, 2024	5.28	6.24

DIA (ST-Dev) mmHg	MEAN AVG Deviation (MAD)
10.68	7.46
9.96	7.92
10.22	7.85
9.71	7.63
4.56	4.99
4.30	4.47
-	-

Note: The ST-DEV numbers and MAD numbers are getting lower. This indicates the Neural Network is improving its ability to predict.

IEEE 1708 / BHS - DIASTOLIC

	GRADE A	HG NN	Dec 14, 2023	Dec 18, 2023	Jan 2, 2024	Jan 10, 2024
≤ 5 mmHg	65% of data	45.1%	56.2%	62.7%	71.0%	
≤ 10 mmHg	85% of data	74.5%	81.6%	86.5%	92.0%	
≤ 15 mmHg	95% of data	89.4%	93.2%	95.2%	98.0%	

Dec 14, 2023
Dec 18, 2023
Jan 2, 2024
Jan 10, 2024

IEEE 1708 / BHS - SYSTOLIC

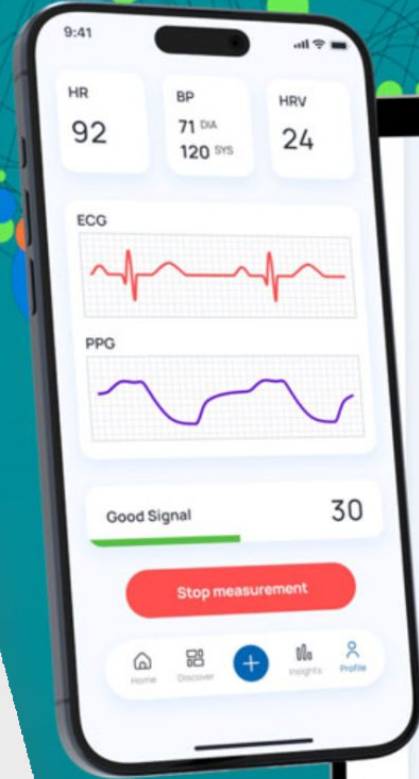
	GRADE A	HG NN	Dec 14, 2023	Dec 18, 2023	Jan 2, 2024	Jan 10, 2024	Best version to date	Feb 01, 2024	Feb 12, 2024
≤ 5 mmHg	65% of data	43.7%	51.5%	49.1%	51.0%	49.0%	50%		
≤ 10 mmHg	85% of data	69.6%	77.2%	75.6%	81.0%	80.0%	80.96%		
≤ 15 mmHg	95% of data	80.6%	88.2%	87.7%	92.0%	93.0%	93.38%		

Dec 14, 2023
Dec 18, 2023
Jan 2, 2024
Jan 10, 2024
Best version to date
Feb 01, 2024
Feb 12, 2024

Restricting SBP between: 110-150mmHG

54.71%
84.76%
95.67%

Feb 12, 2024

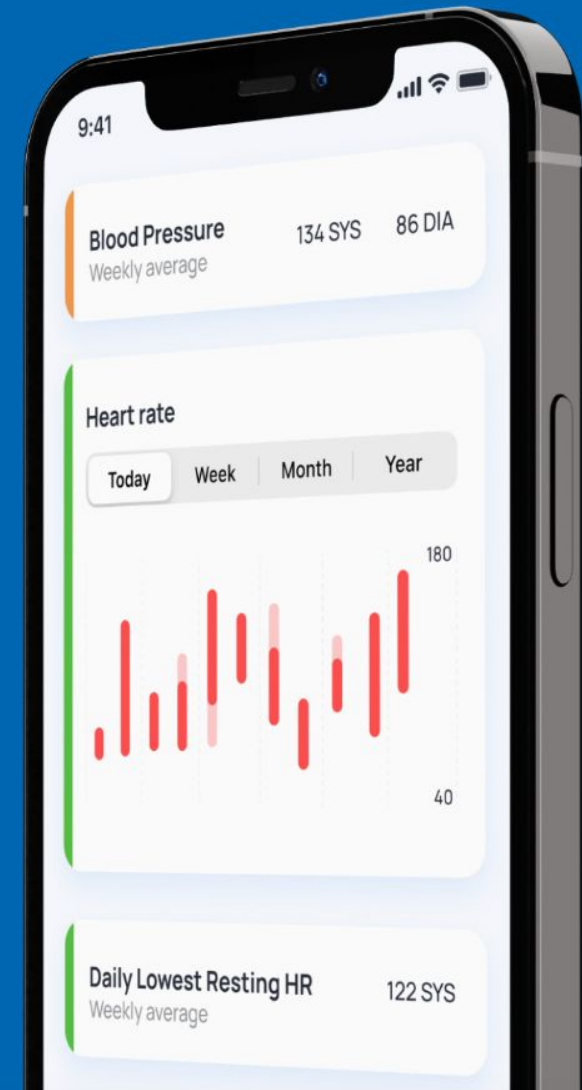



Health Gauge Biometrics Platform for Life Sciences

Unleash your Quantified Self

Improve your health through an incremental and data-informed approach.

[Learn more](#)



A smartwatch with a black face and a blue strap is shown against an orange background with abstract health-related graphics like ECG lines and data points. The watch screen displays the number '12' in large white font, '12750' in green, '86' with a heart icon in red, '04-18' in green, and 'THU' in white. A large cyan '36' is also visible at the bottom of the screen.

V2.0 LAUNCHING MARCH 31, 2024

Biometric Magic

Prioritize Your Well-being: Where Continuous Monitoring, Precision, Privacy, and Health take Center Stage



Questions & Answers

Revolutionizing Healthcare:
The Future of Wearables, AI, and Remote
Patient Monitoring

Enabling Healthier Futures

