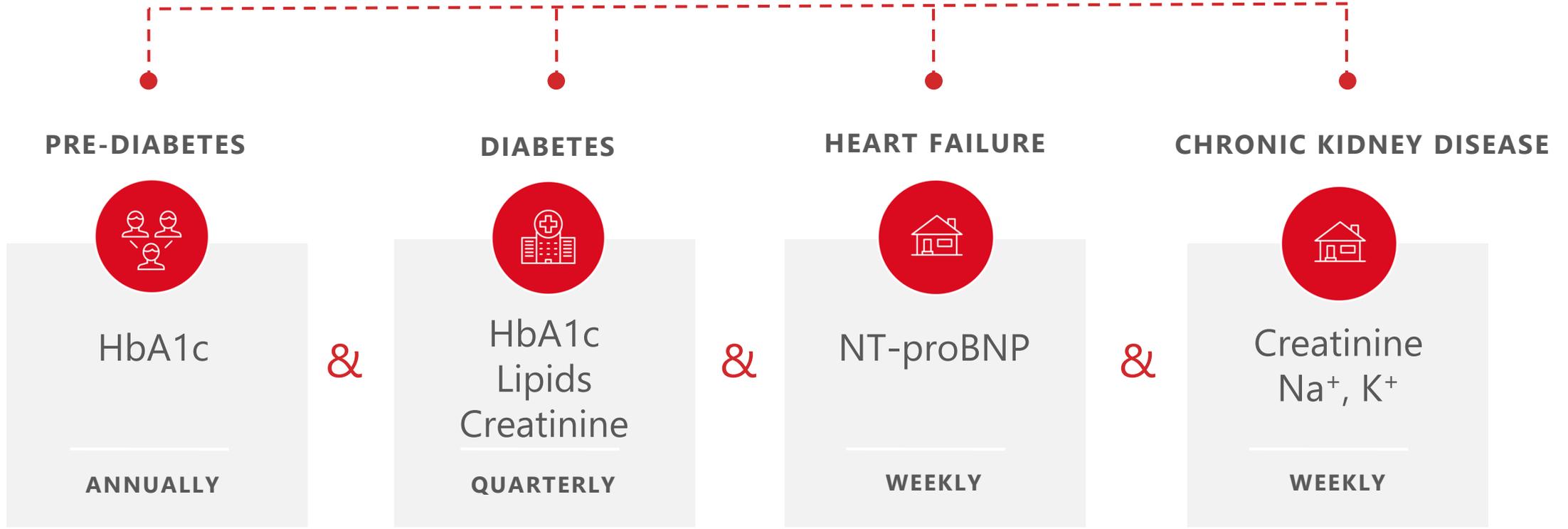




Veronica Chew

Chief Marketing Officer, Jana Care

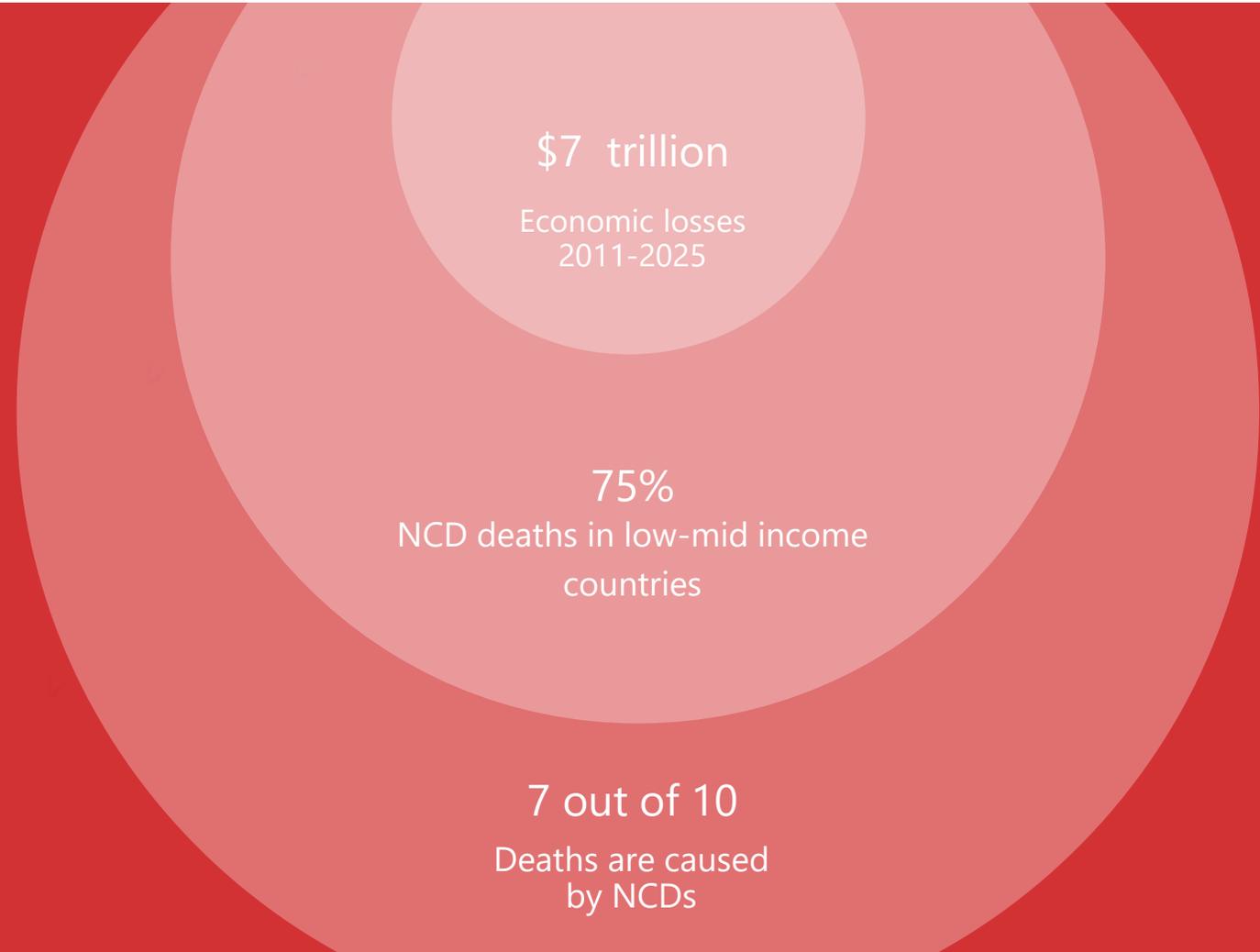
WHAT IF WE COULD MONITOR EVERY CHRONIC DISEASE LIKE DIABETES ?



A diagnostic device that could do more tests, at the same cost and simplicity of a glucometer

NCDs ARE LEADING CAUSES OF DEATHS AND SOCIO-ECONOMIC BURDEN GLOBALLY

NCDs (non-communicable diseases) accounted for 38 million (68%) of deaths worldwide in 2012. NCD deaths is projected to reach 52 million by 2030.



INTRODUCING AINA

Aina is a portable, smartphone connected lab system that performs fingerstick blood tests within minutes.

It is a high performance and accurate diagnostics tool designed for *Screening, Diagnosis and Monitoring.*



A piece of paper, a drop of blood and a smartphone

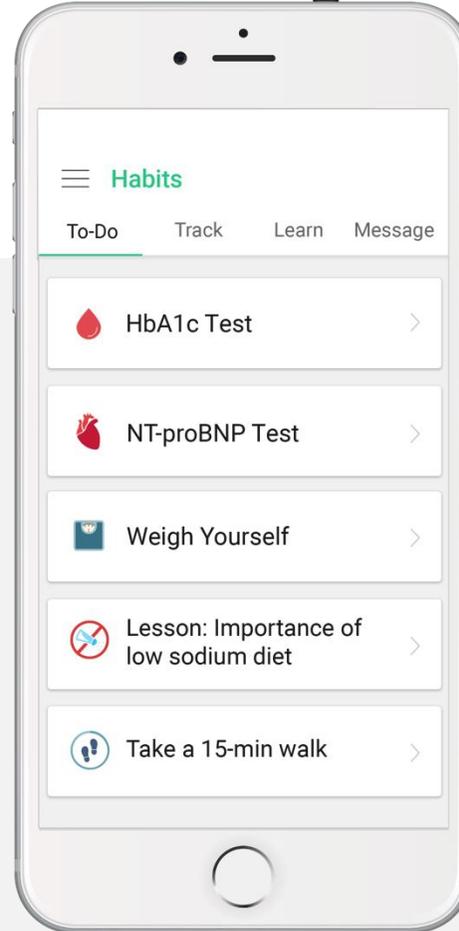
ACCESSIBLE MOBILE SCREENING SOLUTION



AINA

The first smartphone-based diagnostics platform

Performs various assay types: immunoassay, enzymatic or chemical-affinity



HABITS

Behavior coaching app

Enables personalized disease management improving outcomes

EXAMPLE CLINIC FLOW



TEST

HbA1c, Glucose, Lipid Profile,
Hemoglobin.



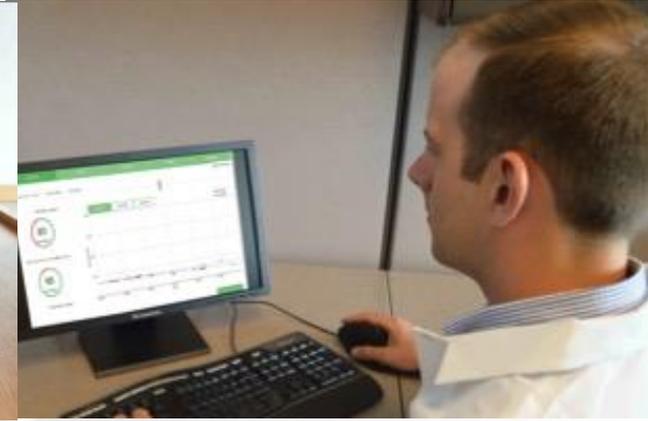
PRESCRIBE

Digital Diabetes
Management Program



MONITOR

Patient uses Aina to remotely
monitor blood glucose, diet
and lifestyle



SUPPORT

Doctor can remotely
monitor data and provide
follow-up

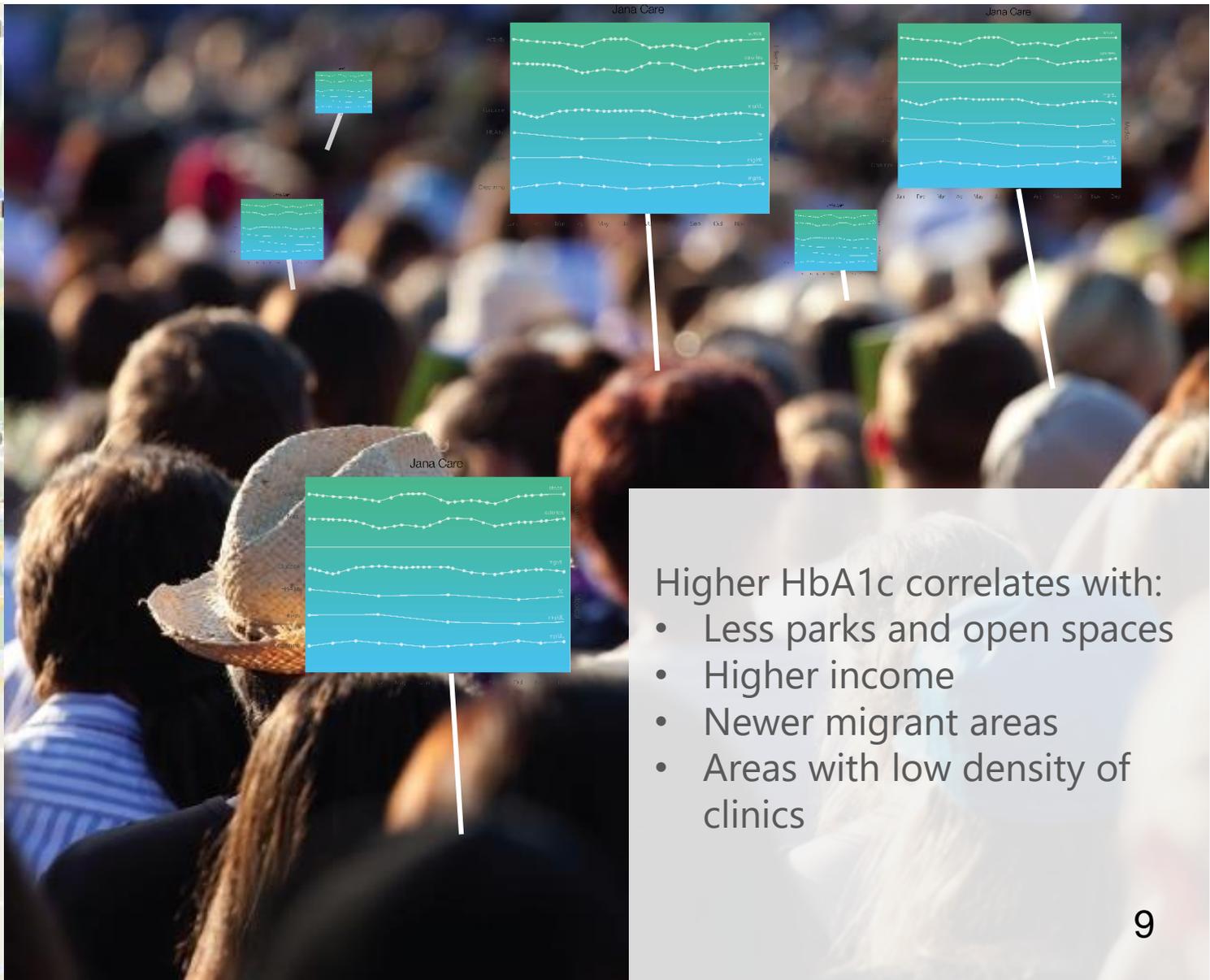
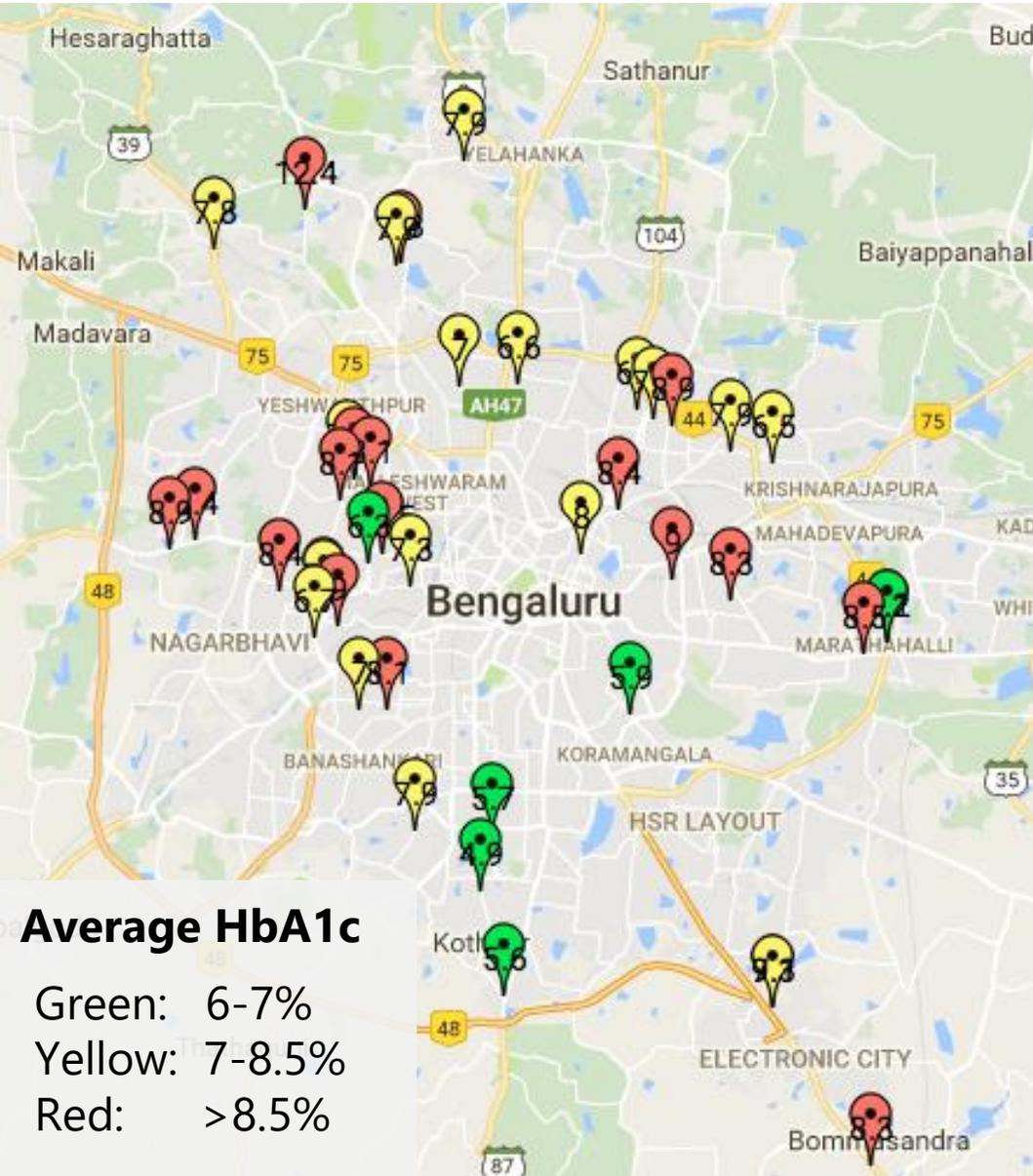
RESULTS IN INDIA: TACKLING THE DIAGNOSTIC GAP AT KUMBH MELA



RESULTS IN INDIA: TACKLING THE MANAGEMENT GAP WITH GENERAL PRACTITIONERS



INDIA: 2,000 clinics, 600,000 tests

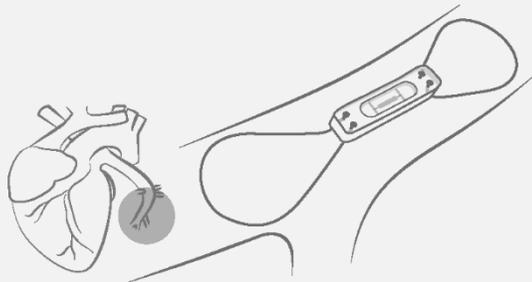


- Higher HbA1c correlates with:
- Less parks and open spaces
 - Higher income
 - Newer migrant areas
 - Areas with low density of clinics

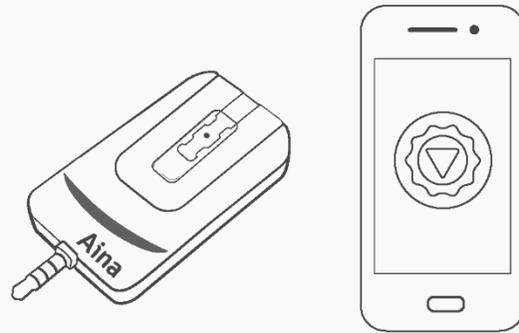
NT-proBNP MONITORING CAN PREDICT DECOMPENSATION DAYS IN ADVANCE

We are the world's first handheld fingerstick NT-proBNP monitoring device

IMPLANTED DEVICES



NT-proBNP MONITORING



WEIGHT MONITORING



Hemodynamically stable

Presymptomatic congestion

Decompensation

30 days

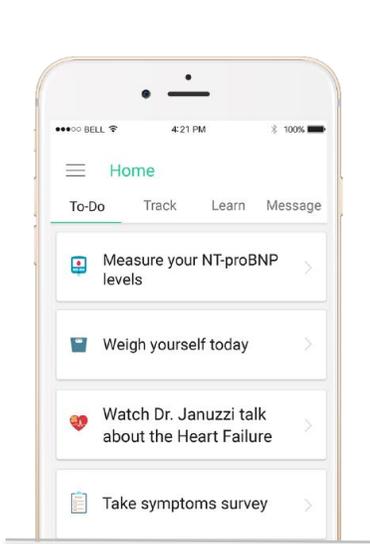
20 days

10 days

0 days

Days before hospitalization

PATIENT SELF MONITORING + HOME VISIT PROGRAM



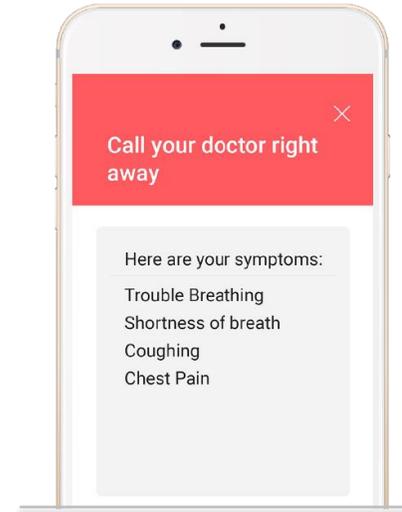
DAILY CHECKLIST

Using Aina App, patient receives personalized daily checklist with a set of tasks, lessons and tips.



TEST NT-PROBNP

Checklist prompts the patient to check NT-proBNP using the Aina Device.



CALL DOCTOR

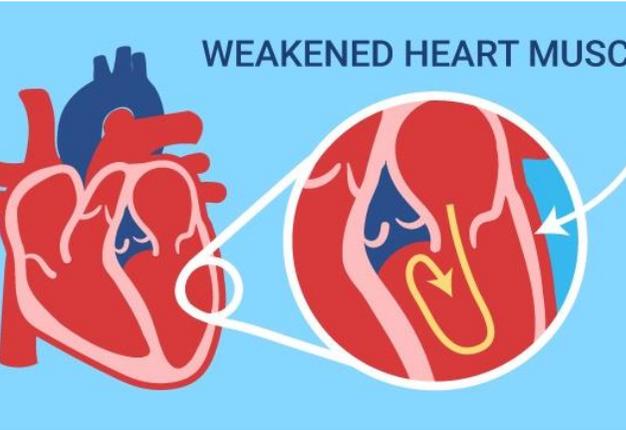
Patient is prompted to take a symptom survey and if needed, contact his or her doctor immediately.



THERAPY CHANGE

Physician instructs the nurse to increase the diuretic dosage of the patient to prevent further decompensation.

HABITS HEART: 6-WEEK CURRICULUM BASED ON HEART FAILURE SOCIETY OF AMERICA AND MGH SUPPORT



LEARNING ABOUT HEART FAILURE MANAGEMENT

Know your heart
Managing HF symptoms
Importance of tracking weight and symptoms

TAKING CARE OF YOURSELF

Low sodium diet , eating out
Taking the right medicine
Exercise and lifestyle changes

MANAGING EMOTIONAL AND SOCIAL SUPPORT

Managing feelings
Tips for family and friends

SUSTAINING EFFECTIVE MANAGEMENT

Heart rhythm problems
Advanced care
Clinical trials

GROWING TEST MENU

NINE CURRENT TESTS

	HbA1c	DIABETES	WHO standard for diagnosis and monitoring
	Creatinine	KIDNEY	Among top 5 tests ordered in hospitals as baseline for kidney function
	NT-proBNP	HEART FAILURE	Predicts Outcomes in Heart Failure, shift of 25% is prognostic
	Blood Glucose	DIABETES	Standard test needed for all patients with diabetes
	Lipid Profile X 4	HEART	Needed every quarter along with HbA1c
	Hemoglobin	ANEMIA	Marker for anemia as well as a complementary test with HbA1c

R&D PIPELINE

ALT / AST

Liver

- > 20% global prevalence of liver disease
- > 75% in diabetics

Na+, K+

Metabolism

Part of Basic Metabolic Panel, risk stratification for heart disease, kidney failure

OPEN AINA

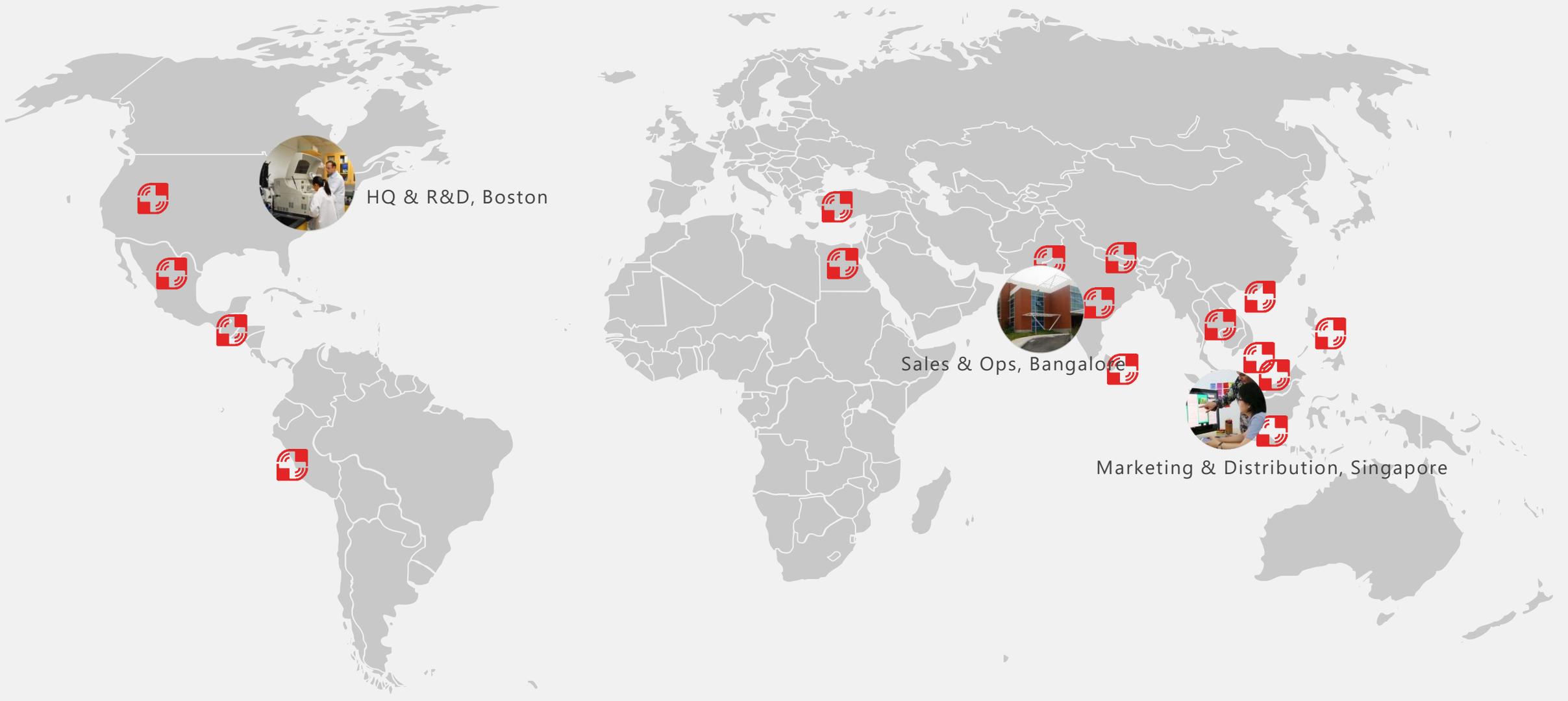


Cervical Cancer Screening
Virus Detection

Hematology
Nutrient Content in Food

Dental Health
Salivary Diagnostics

High Sensitivity Malaria Detection
Immunoassay Signal Amplification



Commercial and distribution partners



TÜVRheinland®
Precisely Right.

THE BIG DATA OPPORTUNITY



Structured longitudinal biomarker and health data



Anonymized data through clinical use-250k+ patients



Habits collects identified data from the 20% of patients who consent to personal coaching



LEADERSHIP TEAM

Deep expertise in Engineering, Design, Biochemistry, Product Marketing & Diagnostics



SIDHANT JENA
Co-Founder, CEO

- Medtronic R&D
- BS and MS in Electrical Engineering from Georgia Tech
- MBA from Harvard Business School



MICHAL DEPA
Co-Founder, CTO

- Researcher at MIT
- BS in Electrical Engineering from McGill University
- MS in Computer Science from MIT



AJ KUMAR, PHD
Chief Scientific Officer

- Peace Corps volunteer
- Post-Doc in Whitesides Group at Harvard
- BS in Physics from Stanford PhD in Applied Physics from Harvard



VERONICA CHEW
Chief Marketing Officer

- GE Healthcare
- Co-founder Healint.
- BS in Industrial Engineering from University of Wisconsin-Madison
- MBA from INSEAD



PAUL O'CONNOR
Operations/Finance

- 17 years as biotech/life sciences operations and finance leader
- MBA Boston University

ADVISORY BOARD

Leaders in Medicine, Life-Sciences and Business



PROF. TARUN KHANNA

Co-Founder, Professor
Harvard Business School



DR. DEVI SHETTY

Chairman
Narayana Health Hospital



DAVID WALT, PHD

Core Faculty
Wyss Institute at Harvard University



DR. JAMES JANUZZI

Cardiologist
Mass General Hospital



DR. MICHAEL JAFF

President
Newton-Wellesley Hospital
Professor, Harvard Medical School



JEAN-LUC BUTEL

Former President
Medtronic & Baxter International



DR. SAM DAGOGO-JACK

Chief of Endocrinology
University of Tennessee Health Science
Center



LINDA DELAHANTY, RD

Director of Nutrition & Behaviour
Mass General Hospital



GEORGE WHITESIDES, PHD

Professor of Chemistry
Harvard University



DR. V. MOHAN

Chairman
Dr. Mohan's Diabetes Centre



MARK KELLOGG, PHD

*Assistant Director of Laboratory
Medicine*
Boston Children's Hospital



RAJEN DALAL

Serial Life-sciences entrepreneur
Relia, Chiron, Guava



"ILLNESS IS UNIVERSAL – BUT ACCESS TO HEALTH IS NOT",

Dr. Raj Panjabi, Last Mile Health