

Measuring the missing vital sign

INVESTOR PRESENTATION

I founded
Hydrostasis
because I needed it





We believe hydration is the missing vital sign



Heart rate

60-100

beats per minute



Blood pressure

120/80

mmHg



Respiratory rate

12-16

breaths per minute



Blood oxygen

95-100%



Body Temperature

98.6°

mmHg



>>> Why is hydration essential? >>>

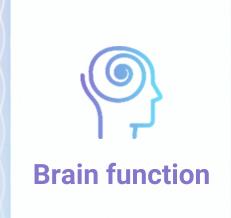


Improper hydration impairs everyday function











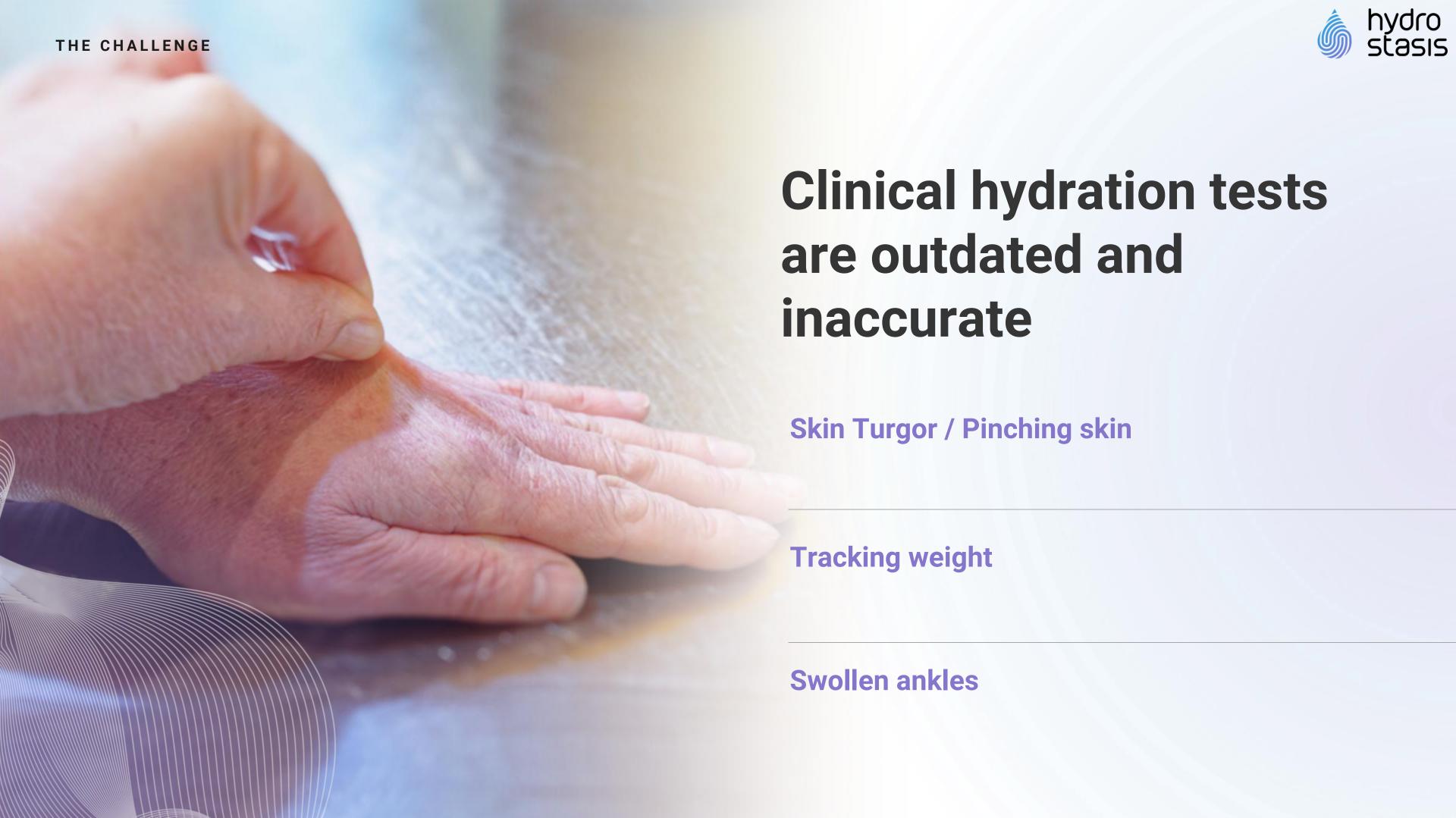
Even worse, it increases the risk of hospitalization and death

20%

increased risk of premature death

10M

seniors hospitalized or due to dehydration each year





Consumers spend extensively on hydration

\$37B

Global **electrolyte** market size est.in 2024

5.9% CAGR

\$8.2B

Global water bottle market in 2022

4.5% CAGR

\$2.8B

Global in hydration therapy market

8.7% CAGR

\$61B

Global **wearables** market in 2022

14.6% CAGR





Introducing our first product:



Equipping everyone to measure the missing vital sign



New Geca WatchTM 2.0

We keep you In the Blue™



smaller footprint, custom band

Generative AI algorithms

for preventative alerts

Background

calibration process

On-device algorithm

increased security & privacy

Skin temperature sensor

for better heat-related predictions

Accelerometer

to track physical exertion

Personalized instructions on optimal water intake

Water Resistant

IPX7: can be submerged up to 1 meter of water up to 30min





Debbie K. Chen, Ph.D Founder and CEO









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A robust IP defense strategy

- US Utility Patent Issued (2021)
- Europe Utility Patent Published (2021)
- US Design Patent Issued (2022)
- US Utility Patent Issued (2023)
- 3rd Party Freedom to Operate (2024)
- China Utility Patent Issued (2024)

Becoming the "intel inside" of hydration











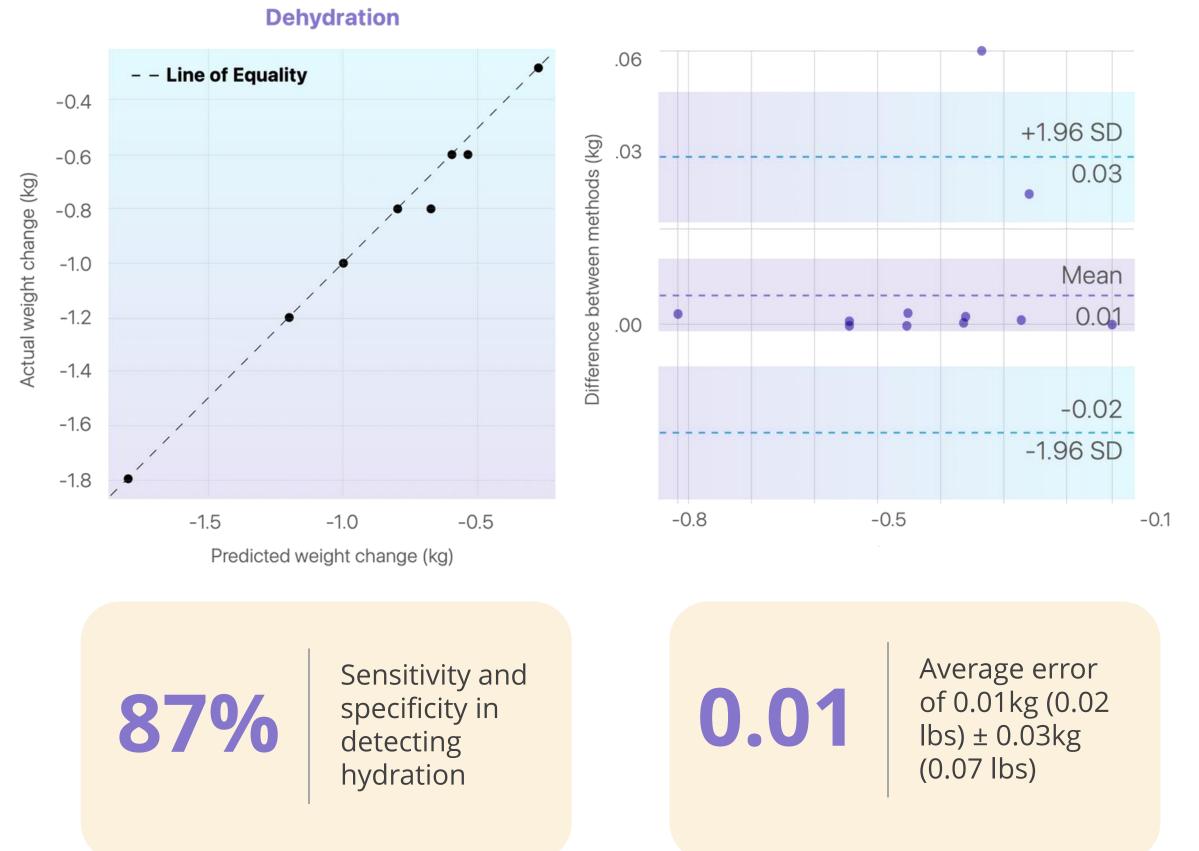








Successfully predicted fluid changes in 100+ users in both lab and at-home settings





Following customer demand, we're starting by selling D2C before moving upmarket

D2C Wellness (2024-25)



B2B/B2B2C Channels (2025-2026)



Remote Patient Monitoring (2026-2028)

Clinical Studies & Regulatory

Phase 1 SBIR (2021-2022)



Phase 2 SBIR (2026-2028)



FDA listing / clearance (2026-2028)



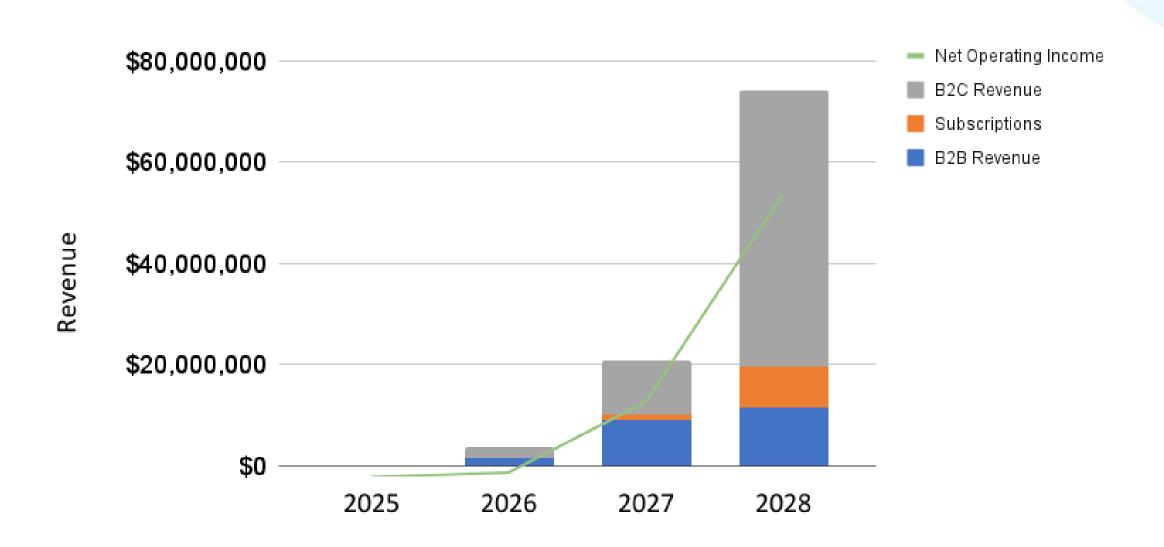
We're raising \$2.5M to reach profitability

Deal Terms

- Raising \$2.5m equity
- \$1m lead check in the bank

Milestones

- Profitability in 2026
- 2 B2B contracts signed





87M people in the US suffer from chronic conditions that impact hydration

These chronic conditions are all authorized for remote patient monitoring

7M

Alzheimer's Disease and related Dementia 36.5M

Chronic Kidney Disease

37M

Diabetes

6.5M

Heart failure

With existing reimbursement codes, this is a >\$17B market



Join Us! In Establishing Hydration As A Vital Sign

Contact
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The cost of dehydration and fluid overload are huge

Economic burden of dehydration

Economic burden of fluid overload

518K

Hospitalizations due to dehydration (2004)

\$5.5B

Cost of dehydration due to hospitalizations (2004)

\$1.3B

Cost of hyponatermia for Medicare (1991) \$16.6B

Cost of hyponatermia due to hospitalizations (2015)

Adjusting for population, hydration costs the US \$31B per year



The power of hydration:

Billions saved in healthcare costs

A long-term care group, Azalee, developed and implemented "functional recovery" into their long-term care plans and discovered that proper hydration was key to many patients' recovery. Hydration led to massive health and economic benefits.

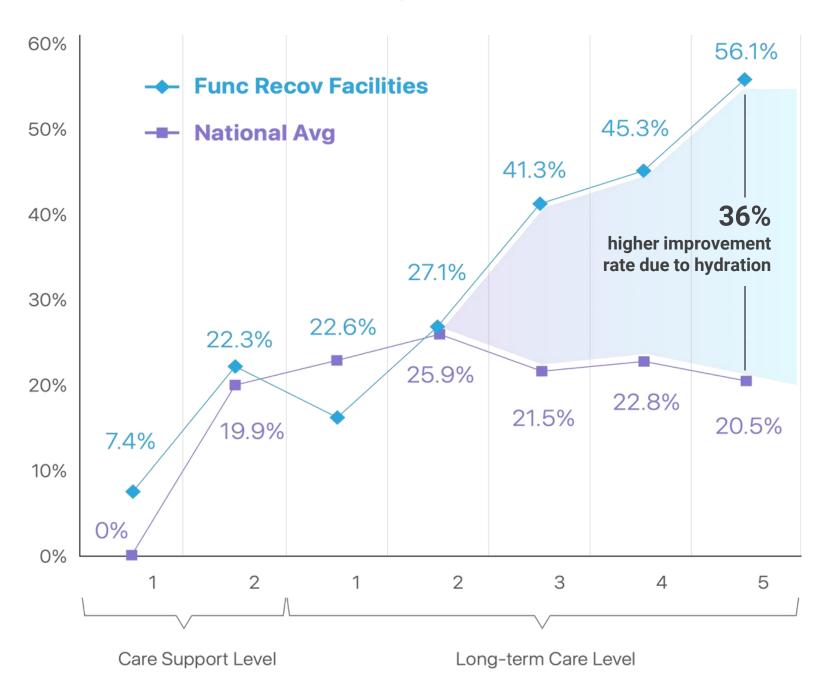
\$11B

Reduced long-term care costs in Japan

48%

of patients in the nursing home showed improvement after only 6 months

Improvement rate by degree of care required



Functional recovery support facilities are highly effective in improving the level of long-term care required for people with moderate or severe long-term care needs, and are expected to significantly reduce long-term care costs.



No one else is offering a preventative solution

	hydro stasis	EPICORE BIOSYSTEMS NIX	hdrop MASIMO*	MX3
Technology	Optical - H2O	Sweat	Impedance/Optical- Sp02	Saliva
Personalized			*	X
Continuous Monitoring		×		X
Predictive Analytic			×	×
Path to Healthcare		×	X X	X
Integrate into 3rd Party Devices		×	× ×	X



Path to \$100M in ARR through remote patient monitoring

U.S. Clinical business model:

Patients	Reimbursement per month		th	Months		Annual Recurring Revenue
42K This is only 0.05% of the 87M patients with chronic conditions that impact hydration in the US		\$200 Existing remote monitorin reimbursements codes justify a conservative estimate of \$200-400 per month		12		\$100M



Improving health outcomes with early warning signs using Generative AI algorithms

Proof of Concept Achieved

Using Geca signals and transformer networks, we predicted 45 seconds of future data based on 30 seconds of previous data.

This can be scaled to use previous 5 min of data to predict 15min into the future for early warning signs of dehydration or fluid overload.

