



The Future of Medicine

## Mission

Revolutionizing Healthcare by Al-Driven Frequency Medicine

## Validation and Partnerships

- JDRF Israel First Place Winner 2023
   Innovation Challenge
- IIA Tnufa- Peer reviewed Israeli
   Government award
  - Facilitates future IIA non-dilutive matching funding
- Expand Space Accelerator-Artemis/Nasa/Space IL

- Hadassah Medical Center- Ongoing POC Clinical Trial
- Partnership with TDK- Novel ELF-EMF sensors
- Evolution Inc Proprietary real-time algorithm
- Zeron/Taga- Initial wearable prototype design completed







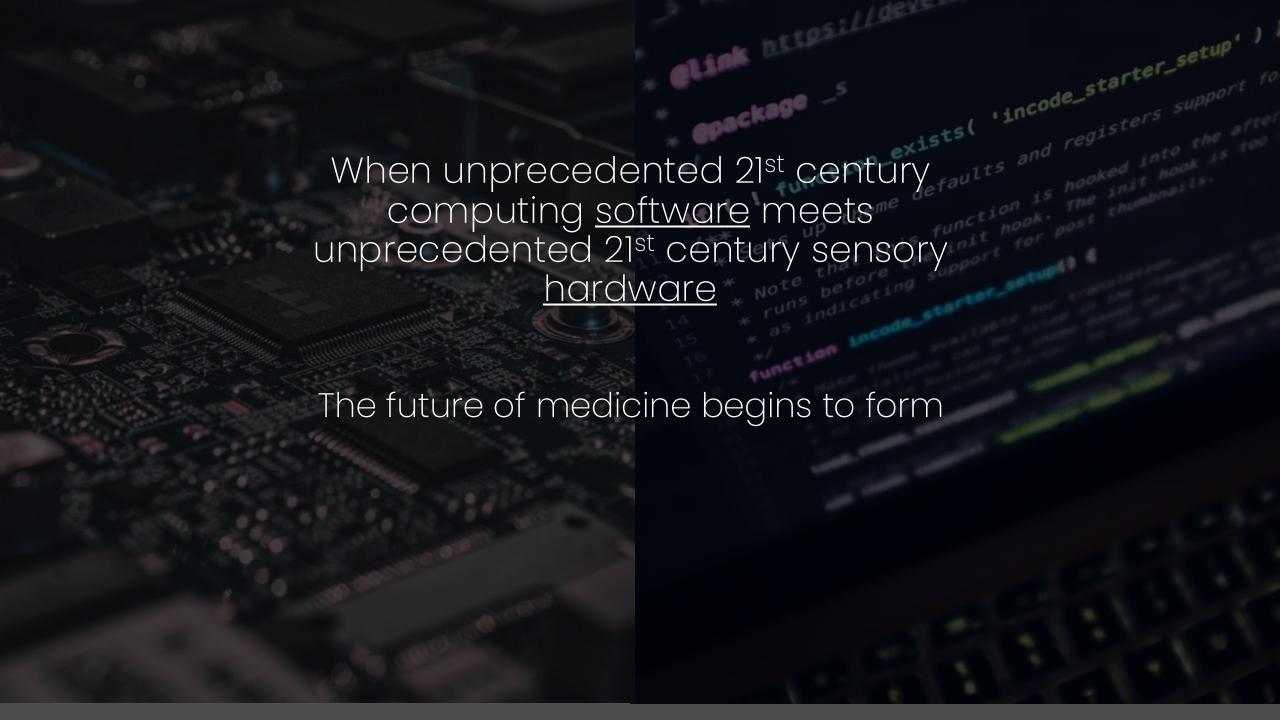












# Cells speak EMF. And now we're part of the conversation.

This dialogue will save lives.



As cells work electrically, they produce electromagnetic fields (EMFs) while performing tasks.



Our sensors and proprietary Al interprets these signals to form the basis for EMF based diagnosis and treatment

## Different Diseases. Different EMF Signatures.

**Diabetes** 



**Epilepsy** 



Cancer



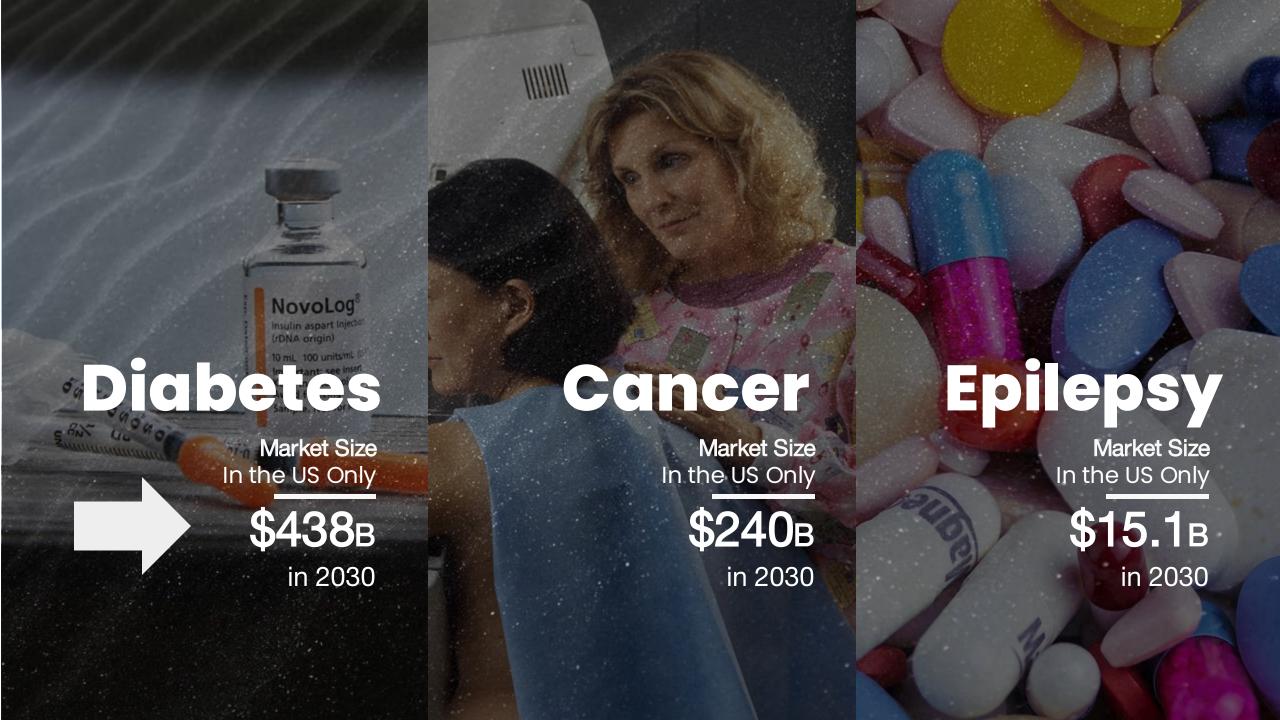
What we're doing in 3 lines

First **identify** a diseases' unique EMF signature

Then **monitor** for that signature to **predict** future episodes

Finally, **treat** the disease by **emitting** EMF based on diagnostic measurements





We are moving forward with **Diabetes** due to the **Fast** and **Transparent** results that can be **Ethically Controlled**.

Our first prototype will warn type-1 diabetics about impending low blood sugar - a potentially deadly event.

Diabetes Diagnostics & Therapeutics Goods and Services in The USA Only

\$7 B \$59 B by 2030

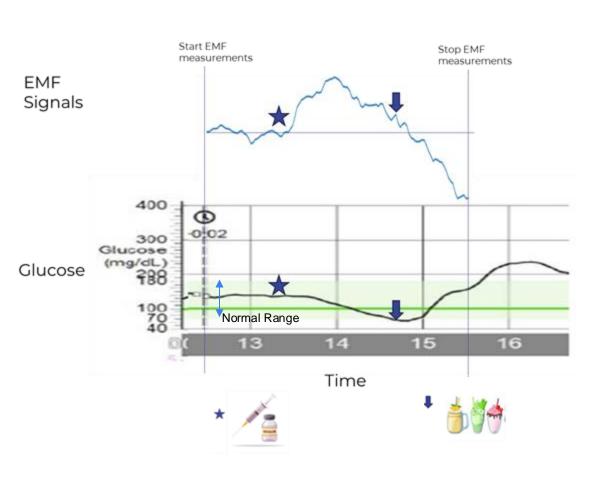
SOM SAM

\$438 B
by 2030

# Massive market opportunity

Diabetes is the defining disease of the 21st century. With 1 in 3 Americans born today will get diabetes.

# EMF Changes Precedes Glycemic Events



- Rise in EMF begins following insulin administration (without eating)
- Max rise in EMF precedes hypoglycemic event by 40 minutes
- Decrease in EMF directly related to food intake (without insulin coverage) and low EMF precedes hyperglycemic event by 35 minutes

# **Measuring Mitochondrial Activity**

#### Impending Hypoglycemia

- Increased mitochondrial activity <a href="https://doi.org/10.3390/ijms2222413470">https://doi.org/10.3390/ijms222413470</a>
- Increased electrical activity
- Threshold at maximal signal is a Positive number
- Data consistent with increased electrical activity

#### Impending Hyperglycemia

- Decreased mitochondrial activity
   https://journals.physiology.org/doi/full/10.1152/ajpendo.003
   32.2004
- Decreased electrical activity
- Threshold at maximal signal is a Negative number
- Data consistent with decreased electrical activity

# T1D Pilot POC Trial at Hadassah Ein Kerem-Ongoing

**Trial Begun January 2025** 

PI: Prof Gil Leibovitz- Head of Diabetes Unit

#### **20 Study Subjects:**

10 T1DM with Insulin Clamp to simulate glycemic events

10 Normal Healthy Subjects

# the current market solutions still fall short...

Invasive diabetes treatments such as insulin pumps and Continuous Glucose Monitors (CGMs) can delay treatment or cause severe hypoglycemia and hyperglycemia.

Insulin injections or medications fail to treat diabetes because underlying cellular dysfunctions are left unaddressed.

~90% of diabetics don't use CGMs



Invasive



Painful



Cumbersome



Expensive



Inaccurate



Uncomfortable

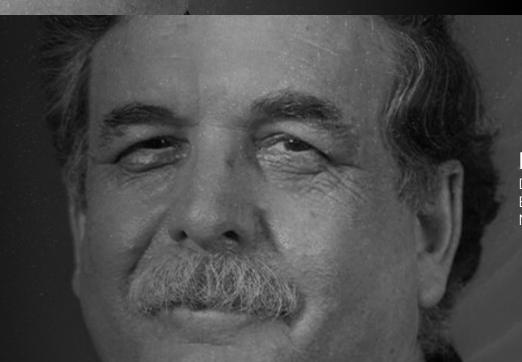
Tedence Solves for All of That.

Robert Gabbay



"Providing 15-30 minute alert for impending hypoglycemia is extremely important for prevention and currently stands as an unmet medical need"

"Ensuring an early warning system for oncoming low blood sugar is vital for prevention and fulfills a critical medical necessity."



#### **Prof Moshe Philip**

Director of the Institute of Endocrinology and Diabetes, the National Center for Juvenile Diabetes





# The future will be as simple as a wearable

Real-Time Predictive Monitoring with 15-60 minutes advance warning.

ELF-EMF Theranostic Platform: Non-invasive, needle-free, and drug-free.

Enhanced patient comfort and convenience with first-mover advantage in a new paradigm of diabetes management.

# Business Model Revenue generation strategy







#### **Subscriptions**

for early warnings module complementing CGM systems.

#### Value

working with payers, employers, and insurance companies.

#### **Rollout**

Rollout as a De Novo adjunct device in 2 years.

"A Subscription for Life"

### Revenue Streams and Exit Scenarios

#### **Brand Building: B2C**

- 1) Sales of Tedence brand Device+SaaS

  - a) retail consumersb) partner with insurance
- companies

  2) Joint Venture with leading tech corps to sell Tedence brand device+SaaS through their sales channels.

#### **Licensing: B2B2C**

- Licensing SaaS to leading tech corps ("Applewatch powered by Tedence")
   Medical device companies, ie:

   a) nursing homes for bed monitoring
   b) adjunct use with CGMs and insulin
- pump companies
  3) Joint Venture with leading tech corporations to sell Tedence tech under their brand

#### **2025 Milestones**

- TID Diagnostic Pilot Trial
   Development of Wearable Diagnostic Prototype
  3) TID Theranostic Proof of Concept Trial
  4) Breast Cancer Proof of Concept Trial

#### **Exit**

- M&A by multinational technology corporation
- 3) Stay Private with Strong Cash Flow

# **Two Step Solution**

## <u>Diagnostic</u>

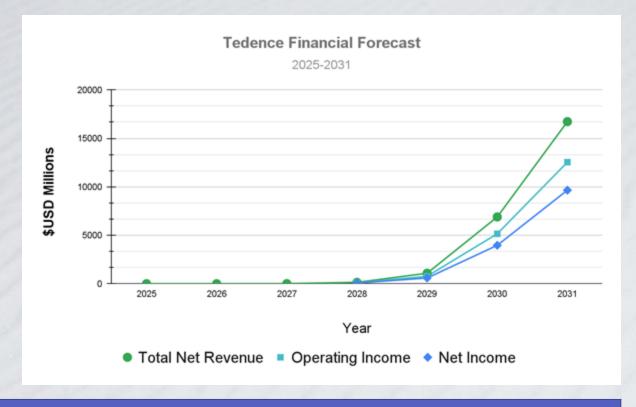
24/7 Non-Invasive Monitoring FDA DeNovo Approval 2027



### **Full Theranostic**

FT Non-Invasive Disease Mgmt Full FDA Approval 2029

# Exceptional returns for unlocking humanity's next generation of medicine



Generating Revenue by 2027

PNL	2025	2026	2027	2028	2029	2030	2031
Total Net Revenue	\$0	\$0	\$ 7,802,130	\$ 138,371,202	\$ 1,078,126,083	\$ 6,887,915,544	\$ 16,723,797,162
Gross Profit	\$ -	\$ -	\$ 5,682,484	\$ 100,588,436	\$ 805,049,622	\$ 5,222,310,502	\$ 12,688,651,517
Gross Profit Margin			72.83%	72.69%	74.67%	75.82%	75.87%
Operating Income				\$ 86,661,358	\$ 765,985,531	\$ 5,148,826,612	\$ 12,541,844,800
EBITDA Margin				62.63%	71.05%	74.75%	74.99%
Net Income				\$ 62,686,011	\$ 586,786,511	\$ 3,959,453,883	\$ 9,647,561,202
Net Profit Margin				45.30%	54.43%	57.48%	57.69%

# 2025 Fundraising

# \$300k

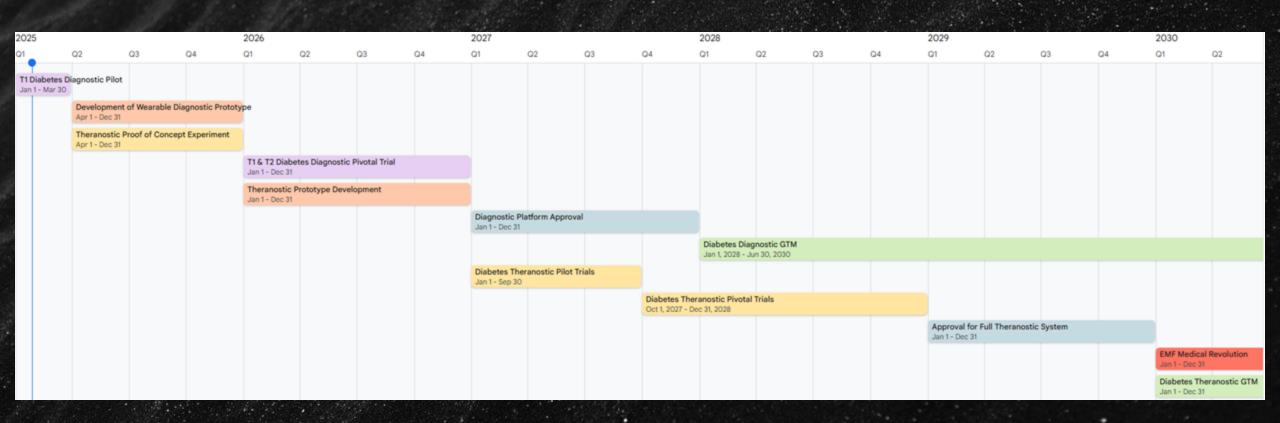
#### Tranche A:

- Raising: SAFE round of \$300k
  - o private funds win the IIA boost (submit a 2.5M NIS budget, IIA pays 1.5M NIS and private investors pay 1M NIS. 1M NIS=\$275k, extra \$25k for overhead)
- Funds used to build wireless device prototype.
- Deadline to get in is March 15th 2025

#### Tranche B:

- Raise \$2.7M after T1D pilot data gathered
  - o private funds win the IIA seed grant (submit a 15M NIS budget, IIA pays 5.0M NIS and private investors pay 10M NIS. 10M NIS=\$2.7M)
- Funds used to conduct T1D pivot trials, T2D pilot trial, Epilepsy pilot trial and Theranostic Proof of Concept

## Roadmap to the Future of Medicine



#### **2025 Milestones**

- 1) TID Diagnostic Pilot Trial
- 2) Development of Wearable Diagnostic Prototype3) TID Theranostic Proof of Concept Trial
- 4) Breast Cancer Proof of Concept Trial

# **Experience Leadership**



Morris Laster, MD CEO

6X Founder & CEO of companies that IPO'd on NASDAQ, AIM, and TASE. 30+ years of industry experience in biomedical innovations.



**Prof. Pavel Ginzburg** CSO

Professor of Electrical Engineering with expertise in radio waves, devices, solid-state physics, optics, and nanoplasmonics.



Noah Pickholtz

10+ years of IR sales and ops, former CRO of BridgeWise, \$100M+ in fundraising experience, MBA from Barllan University.



Moshe Kelner CBDO

30+ years of business development, former CEO of Advanced Mem-Tech, MBA from Hebrew University.

# Strategic Advisory Board



Doctor William Levine

Founder of Izun Pharmaceuticals and CannRx, pioneering plant-based therapeutics and pharmaceutical innovation.



Prof. Yosi Shacham

Leading researcher in micro- and nano-electronics, solid-state physics, and quantum mechanics.



Prof.
Pavel Ginzburg

Professor of Electrical Engineering with expertise in radio waves, devices, solid-state physics, optics, and nanoplasmonics.



Prof. Johnjoe McFadden

Professor of Molecular Genetics, known for the conscious electromagnetic information (cemi) field theory.



Prof. Dirk KF Meijr

Professor Emeritus of Pharmacokinetics & Pharmacotherapy, co-author of 630 scientific publications.

# Be Part of the Greatest Medical Breakthrough of Our Time

Let's talk!

#### contact information

Dr. Morris Laster: morris@tedence.com Gideon Meir: gideon@tedence.com

Website www.tedence.com