



**MEDI X BOT**

A Deeptech Startup in Biotech & Healthcare

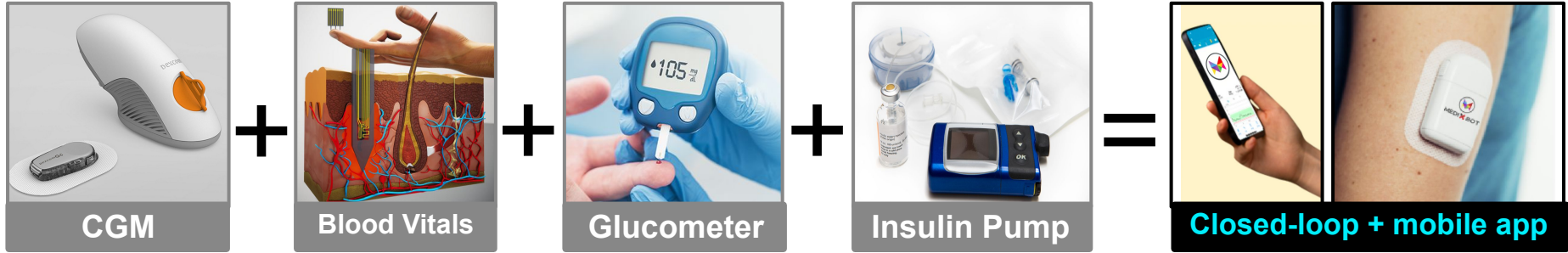
## ***MONO`1*** *“Hybrid Closed-Loop” (Artificial Pancreas)*

A Metabolic 3D Healthcare System for Diabetes

## ***MONO`2*** *“Wearable Smart Armband”*

Redefining Personalized Healthcare Innovation

# Diabetics Management Problems = Medixbot Features



**DEXCOM** FreeStyle Libre  **Medtronic**

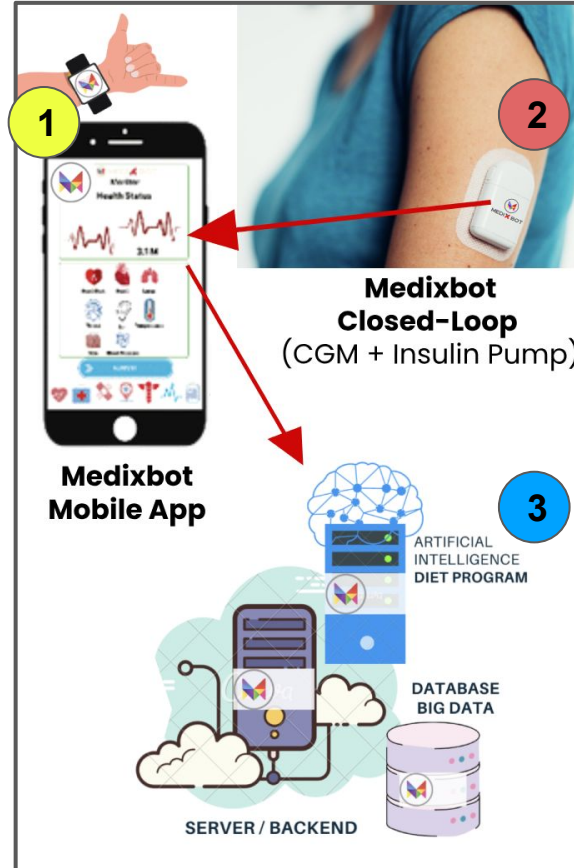
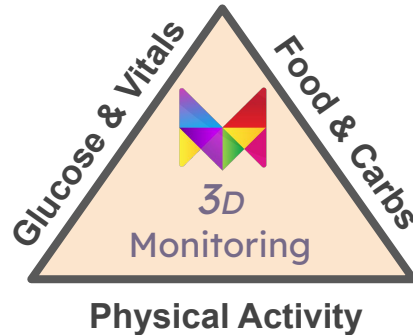
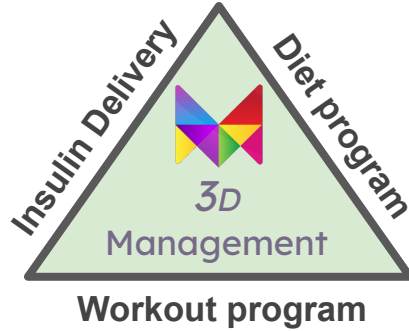
- 1 DIY - Separate Devices & Applicators
- 2 One-Time Use - All goes to Waste!
- 3 Too Expensive & Not Affordable
- 4 Requires Physical & Digital Connections

 **MEDI X BOT**

- One Plug & Play Device beat them ALL 1
- All Reusable! with a few Replaceable 2
- Half Price!! Affordable with the same Quality 3
- Personalized & Works Offline (At-edge AI) 4

# Solution: Medixbot - Closed-Loop Metabolic 3D Healthcare

## 1 Connected Mobile App:



## 2 Hybrid Closed-Loop:

- **CGM:** Continuous Glucose Monitoring
- **Auto-Insulin Pump**
- **NoType.AI** Insulin Auto-delivery

## 3 3D Cloud AI System:

- Healthcare **Backend**
- **AI SAAS** System
- **Big Data**

# Medixbot MONO'1 - Personalized Wearable Hybrid Closed-Loop System

Full-stack Integrated Wearable Closed-loop System (IWCS) based on mini-invasive microneedle platform for In-Situ Diabetic monitoring and treatment.

World's 1st to integrates five essential components:

1. **Continuous Glucose Monitoring (CGM)**
2. **Continuous Blood Monitoring (CBM)**: Tracks nutrition molecules and carbohydrates
3. **Automated Insulin Delivery (AID)**
4. **Embedded At-Edge AI**: intelligent decision-making based on personalized data and historical patterns.
5. **Mobile App**: personalized metabolic healthcare, diet plans, exercise routines, telemedicine, etc.



**Experience the future of diabetes management**

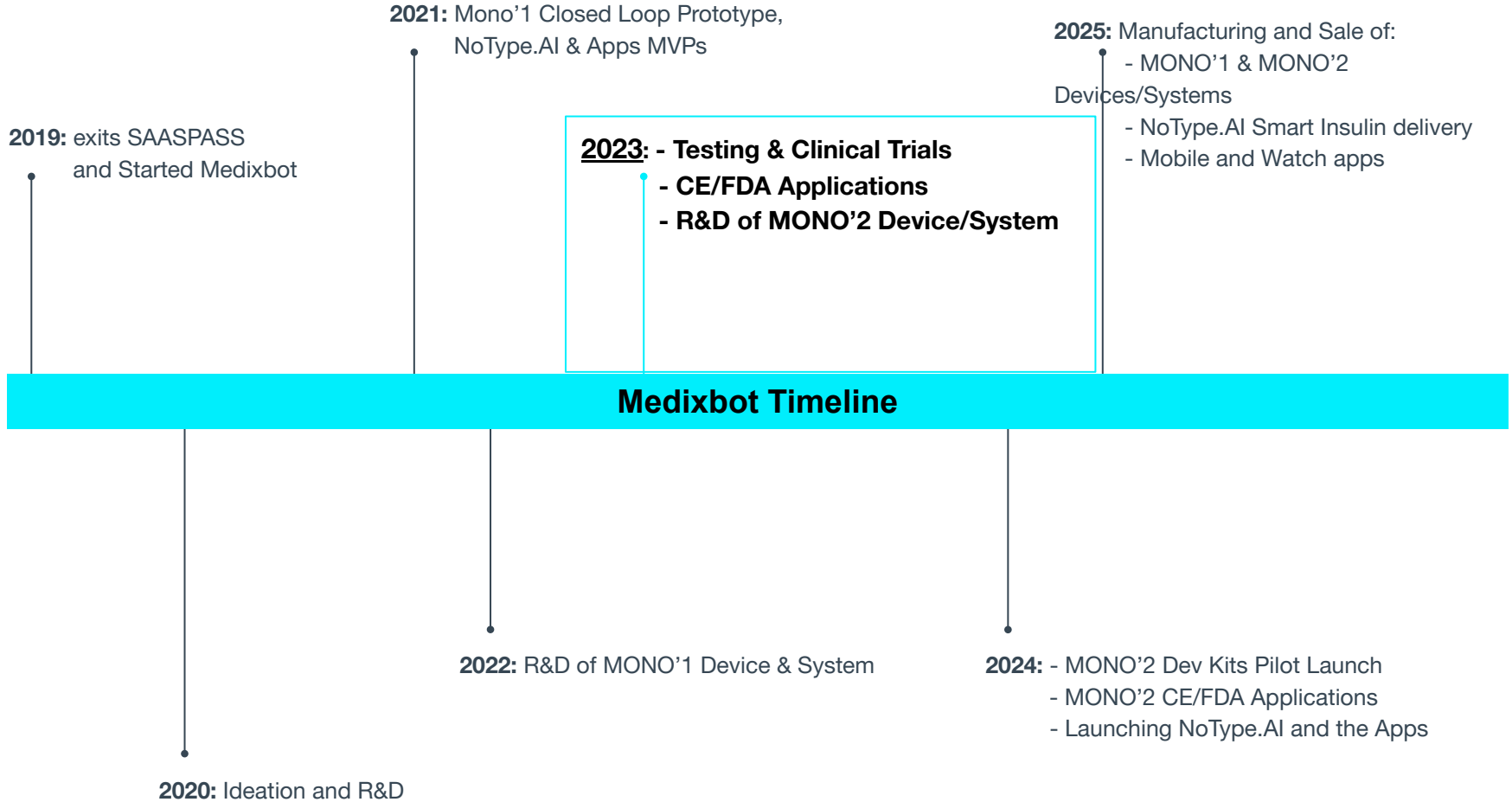
**Join the healthcare revolution today!**

# Medixbot MONO'2 - Redefining Healthcare Innovation

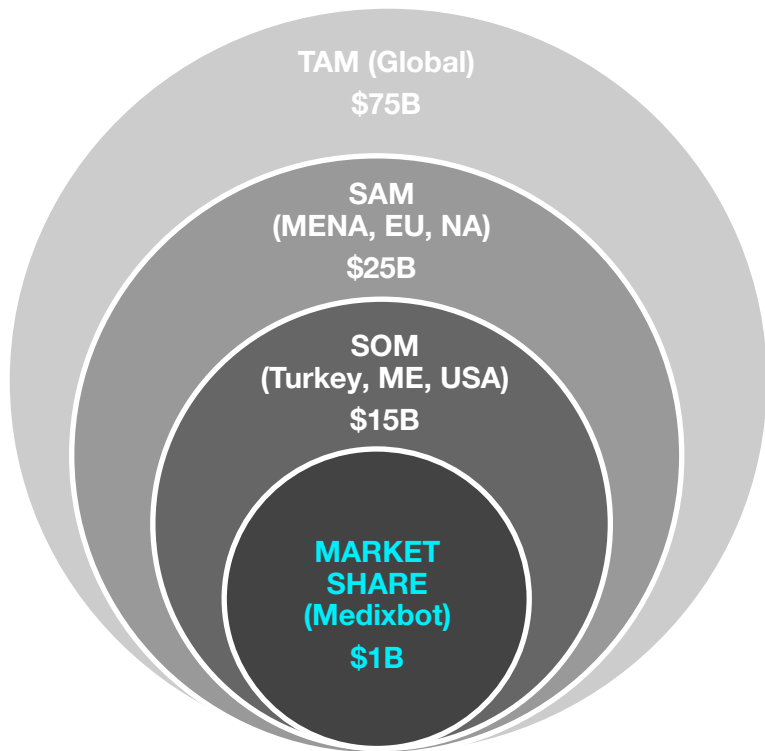
🚀 Revolutionizing Healthcare with Medixbot Mono-2 🚀

- **Cutting-edge wearable:** Mono-2 redefines healthcare tech, outpacing smartwatches and devices.
- **Innovative Microneedle Arrays:** Four arrays, precision drug delivery to data collection.
- **Hygienic Cannula System:** Swift rotation, optimal performance, minimal contamination.
- **Pemini AI Network:** Cloud and on-device AI, personalized insights, limitless possibilities.
- **Intuitive User Interface:** Touchscreen control for real-time data, seamless interaction.
- **No-Code Development:** Customize on-device, mobile apps, accelerate innovation.
- **Endless Applications:** Medical research to biosensors, unlocking boundless innovation.





## Market Size for MONO'1:



**\$13.2 Billion** FreeStyle Libre   
**dexcom**

### Market In Numbers:

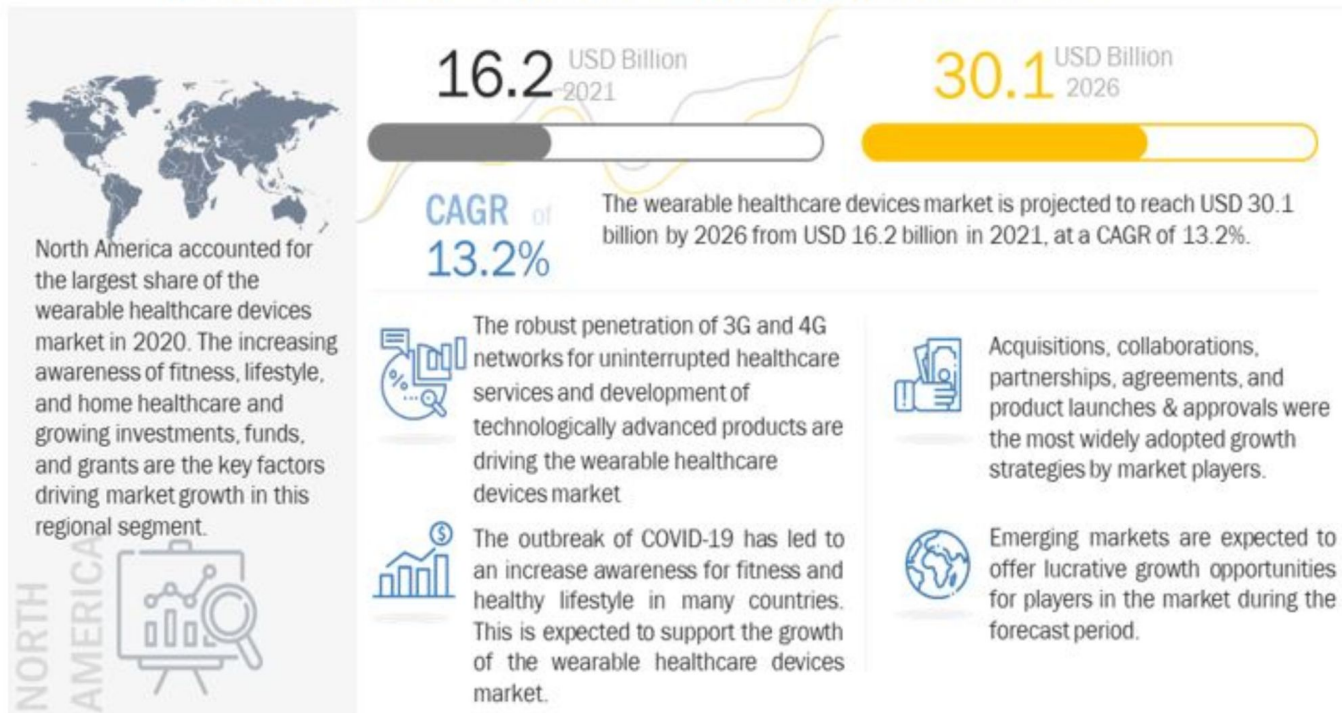
- [Abbott Laboratories](#) & [Dexcom](#) are the leaders in the CGM market, which hit \$5.1 billion in revenue in 2021. Projected \$13.2 billion by 2028. ([Ref](#))
- The Global Insulin Pump Market is valued at USD 4.20 billion in 2021. Projected USD 10.18 billion by 2028 at a CAGR of 15.90%. ([Ref](#))
- “Smart health watches global market was USD 59.02 billion in 2021, would rocket up to USD 185.63 billion by 2029 with a CAGR of 15.40%/year.

## Market Size for MONO'2:

Our Target Market:

**\$1 Billion**

### Attractive Opportunities in the Wearable Healthcare Devices Market



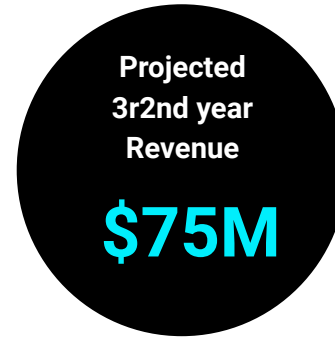


# Projections

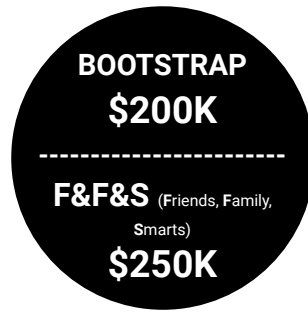
\*\*\* Two LOIs from the Ministry of Health in Turkey and Iraq.



\*\*\* 20% tax subsidy  
- CE Mark



Expanding to North American markets:  
- FDA Approval



Asking **\$2M**

✓ **Secured**

**\$250K**

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Gov.match grant

**Seed**  
**Round**

**VE**  
Virtual Equity  
(Syndicate)

for

CE Mark/FDA Approval + Operation + Scaling Manufacturing + Marketing and

# THE TEAM



**Ali Lazim, CEO and Founder**

- MSc in AI and BSc in CS
- 30+ years of Tech/Biz experiences
- **Plan-Do-Check-Act** cycle of Kaizen (Imai, Masaaki), and Lazim's **Agile-Leader**(Multi-Personas))

- Cofounder of 4 Startups
  - **SAASPASS** (exit)
  - **Crealnno** (exit)
  - **Solidpass** (Security keys)
  - **Aradiom** Telekom
- Mentor, Invest & Run Venture Studio in East Europe



**Prof. Dr. Gülnur ARABACI**

Chemistry/Biotech Eng. SK  
Univ., Chemistry/Biotech Advisor



**Nur Lazim,**

Dietetics Advisor, Medixbot  
BSc. Dietetics



**John A. Mauldin,**

Business Manager, BSc.  
Biz Dev Manager, SAASPASS



**Prof. Dr. Mustafa Zahid YILDIZ**

Electronics Eng., SUBU.  
Electronics/Biomed Advisor



**Ahmet Turan TALAS,**

Specialist Project Scientific  
CleanRoom Tech. Coordinator



**Furkan Öztürk,**

Mechatronic Engineer,  
Medixbot



**Prof. Dr. Mustafa Can**

Biomed and chemical Eng., Univ.,  
Sakarya Biomed Advisor



**James Nyamhondoro,**

MD Healthcare Advisor, Chronic  
Diseases expert



**Sami Hamdan Al-Saedi,**

MD Medical Devices Advisor,  
BSc. Medicine

**3** Offices (Sakarya, Skopje, New York)

**3** Labs (TR Office, Boğaziçi University)

**2** Executives

**3** Prof. Researchers

**2** Medical Experts

**19** Engineers

# *Thanks for your support!*



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