

About Elfi-Tech

Elfi-Tech was founded as a R&D company in 2006 and has developed unique and novel non-invasive medical devices using laser-based proprietary sensing technology offering a new window into human physiology by measuring blood flow through the skin. This technology and new applications have matured into a game-changer that Elfi-Tech is eager to launch on the market: The Health Center

Industry

Medical Devices, Digital-health, Home-care

Number of Employees: 11

Market Size

Global Digital Health Market is poised to reach \$200B by 2025. Global blood pressure market was \$2B in 2019.

Management Team

Dr. Ilya Fine, Founder & CEO: 25+ years of medical device industry experience.

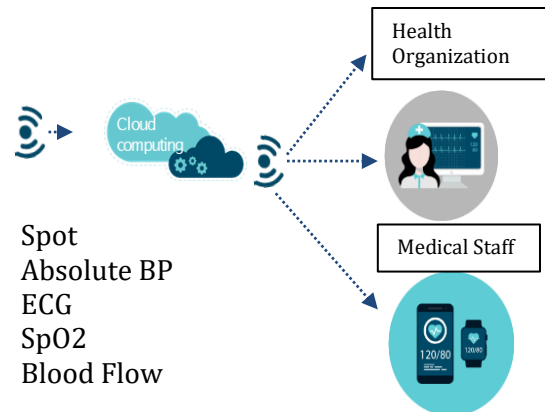
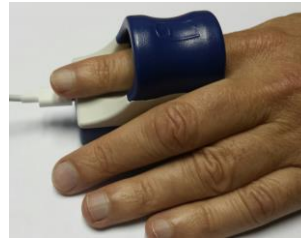
Yossi Herman, Chairman: 30+ years of management experience in med-tech industry.

Prof. Louis Shenkman, A.B., MD, Medical Director: 45+ years of clinical research and coordinating medical project experience. Former Chairman of Medicine, Meir Hospital, Kfar Saba, Israel.

Dr. Ori Braitbart, VP Product & Business Development: 26+ years of business and product development experience in the optics industry.

Contact

Dr. Ori Braitbart
VP Product & Business Development
ori.braitbart@elfi-tech.com
Tel: +972 (0)894 771 40



Elfi-Tech has developed a disruptive pocket-sized home-care device for real time self-monitoring of cardiovascular (CV) and respiratory health:

The Health Center

The Health Center is a novel portable device including 2 main components:

- 1) A "FINGERPORT", worn as a ring on a finger. that quickly and non-invasively measures multiple key CV markers (**absolute blood pressure**, heart rate, heart rate variability, pulse wave velocity, and blood flow); and
- 2) A "HUB", which provides **wireless connectivity to the cloud** and includes **ECG**, reflection and transmission PPG sensors enabling measurement of **SpO2**, heart rate and respiration rate.

Elfi-Tech Ltd.

2 Prof. Bergman St., Science Park
76705, Rehovot, Israel

Office: +972 (0) 8-947-7140,

Office Fax: +972 (0) 8-947-7142

CONFIDENTIAL

UNMET NEED

- CV diseases (CVDs) affect about 30% of global population causing over 17.9 million deaths annually.
- The burden of CVD is huge and rapidly growing due to unhealthy lifestyles and an aging population.
- The need for home-care devices allowing easy self-monitoring of multiple CV and respiratory parameters is increasing tremendously (especially during the COVID-19 outbreak throughout which many CVD patients refrained from physically meeting their physicians).

Existing solutions for CV monitoring are limited to measurement of one or two parameters at a time; they do not provide simultaneous multi-parametric CV and respiratory data which can be wirelessly uploaded to the cloud. Most of them are using an upper-arm air-cuff on a bare arm which is not always easy operated by elderly or sick people.

SOLUTIONS

Elfi-Tech's Health Center provides a full set of CV and respiratory parameters for real-time self-monitoring. The device provides a unique "ready to go" and "easy to use" solution for patient monitoring and alerting by using cloud analytics connected to the medical staff smartphone applications or PC.

- **Absolute Blood Pressure (with cuff) on the finger root**
 - Blood Flow Patterns (unique feature)
 - Heart Rate (HR detection < 4sec)
 - Respiration Rate
 - **SpO2**
 - **ECG (Fingers)**
-
- **WiFi**
 - **Rechargeable Battery**
 - **Data Logger**

Elfi-Tech Ltd.

2 Prof. Bergman St., Science Park
76705, Rehovot, Israel

Office: +972 (0) 8-947-7140,

Office Fax: +972 (0) 8-947-7142

CONFIDENTIAL