TENGABLE

Sensing Touch Again

A wearable, personalized system designed to help people with sensory loss sense touch again.

Real-time sensory feedback, tailored to each person.

Visit TENGABLE → | Maoz Lab



THE CHALLENGE

Losing the sense of touch can make everyday actions difficult and unsafe.

Loss of tactile sensation can result from peripheral nerve injuries, stroke, nephropathy, diabetes and other conditions.

It can make everyday activities more difficult.
Holding a cup or buttoning a shirt starts to depend on looking rather than feeling.

All of these reduce independence and increase the risk of injury.

Reduced Independence
Simple tasks become more challenging.

Higher risk of injury
Without touch, it's easier to get hurt.

Impact on quality of life
Limits daily activities and social participation

OUR SOLUTION

Re-Sense: an alternative path for touch

TENGABLE is developing a neurotechnology that detects pressure through a wearable device and converts it into signals delivered to the nerves, helping restore meaningful touch for people with nerve injuries and other conditions.

When a nerve can't carry a signal, Re-Sense creates an alternative sensory path around it.
People know when they've touched something and how firmly they're holding it, in real time.

01
CAPTURE
Sensors in the wearable device detect pressure when you touch

02
PROCESS
The signal is processed in real time

03
PERSONALIZE
Feedback is tailored to each person's own calibration

04
FEEL
Targeted signals to the nerves restore a sense of touch

The patient stays in control: you decide how much you feel, and can turn it off at any time.

Designed around the patient
Built for people coping with loss of touch, and with the clinicians who treat them.

You decide how much you feel
The intensity follows each person's calibration and preference, according to the clinician's guidance.

You can turn it off, anytime
Control stays with the patient from the very first moment.

THE TEAM

Meet the founders



Prof. Ben Maoz
CTO and Co-founder
Department of Biomedical Engineering and Sagol School of Neuroscience, Tel Aviv University

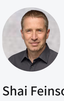
"Behind all the advanced engineering lies one simple goal: giving people the ability to fully experience the world again."



Dr. Amir Arami
CMO and Co-founder
Head of Hand Surgery and Microsurgery Department, Sheba Medical Center

"Function is defined by sensation. Today we have the ability to restore patients' severed fingers, but without sensation their healing is incomplete."

Meet the Team



Shai Feinsod
CEO



Maximiliano (Max) Sisti
Director of R&D



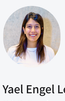
Yechiam Sapir
Director of Clinical Affairs



Arkady Glukhovsky
Development Engineer



Netta Deutschman
CFO



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Design & Digital Media



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Developer



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Occupational Therapist