Real-time gesture detection platform
EMPOWERING POSITIVE HEALTH TRANSFORMATIONS

Three studies are currently active in Yale, UPenn and Dalhousie testing feasibility of SmokeBeat to monitor and increase smoking cessation treatment efficacy.

"Effect of Real-Time Monitoring and Notification of Smoking Episodes on Smoking Reduction: A Pilot Study of a Novel Smoking Cessation App."

A research conducted by Prof. Reuven Dar, Tel Aviv University, School of Psychological Sciences

Smokebeat: The two-pronged approach
Behavioral strategies can help, medicines can also help, but what’s best is a combination of both.

Real-time delivery of variable combinations of personalized incentives to increase smoking cessation treatment adherence and effectiveness

Automated gesture detection of smoking episodes

Generation of personalized CBT (Cognitive Behavior Therapy) interventions utilizing Machine Learning and Big Data

Informative dashboard provides awareness of the treatment status and tailor personalized set of messages

Designed to deliver high accuracy detection of gestures

(.walking, sleeping, driving, medication intake, shaving...)

Leverages sensors in commercial off-the-shelf smartwatches and smartbands

Accelerometer
Gyroscope
HeartRate
GPS
Galvanic Skin Response
Skin Temperature

SafeBeing: Provides caregivers with exceptional peace of mind

Automated remote monitoring of eldely, discharged and chronic patients’ ADL (Activities of Daily Living) to precisely detect their physical state

Delivers information on a range of factors including falls, activity levels, adherence to medication intake, smoking, and more

"Somatix takes the activity tracker from an athletic option to a clinical imperative"

John Nosta, March 2018