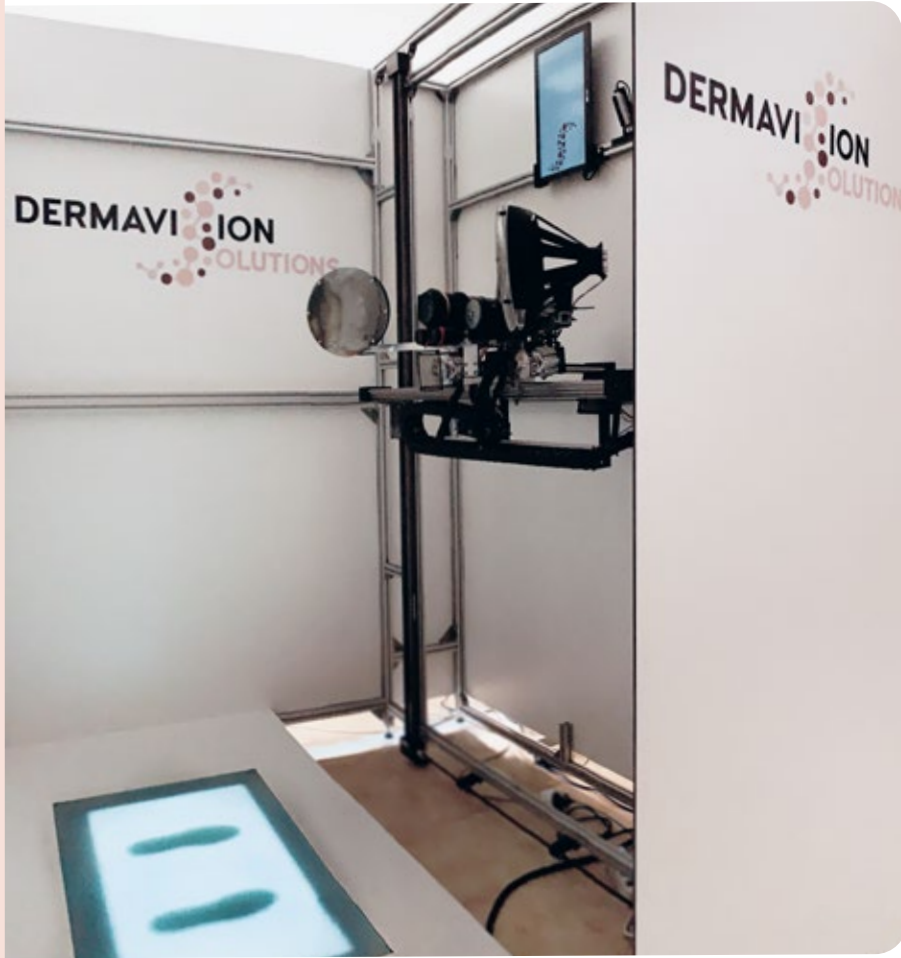
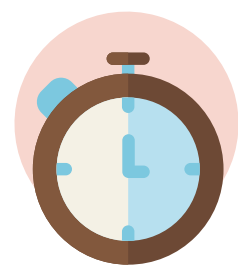


# DEVISKAN: A NEW MEDICAL DEVICE TO DEMOCRATISE ACCESS TO MELANOMA EARLY DETECTION TECHNIQUES.



## EFFICIENT EARLY-DETECTION DEVICE NEEDED

The best-known medical practice to early detect melanoma in high-risk patients is **whole body examination, dermoscopy and detection of new lesions and changes in pre-existing lesions** by digital follow-up using total body photography and digital dermoscopy.



This process requires **30-45 minutes** of a trained technician or dermatologist plus multiple devices. Time-consuming is a major drawback, which may discourage its spread use in dermatological departments. Thus, a **new approach is necessary**.

## WHEN AI GATHERS DATA DERMATOLOGISTS SAVE TIME

### FIRST AUTONOMOUS PROTOTYPE

A prototype called **Deviskan** has been built to **automatically capture high quality dermoscopic images** in short time.



The prototype combines: To obtain:

- Robotics
- Deep Learning
- High Resolution cameras
- Whole body examination
- Non-contact dermoscopy
- Interactive report

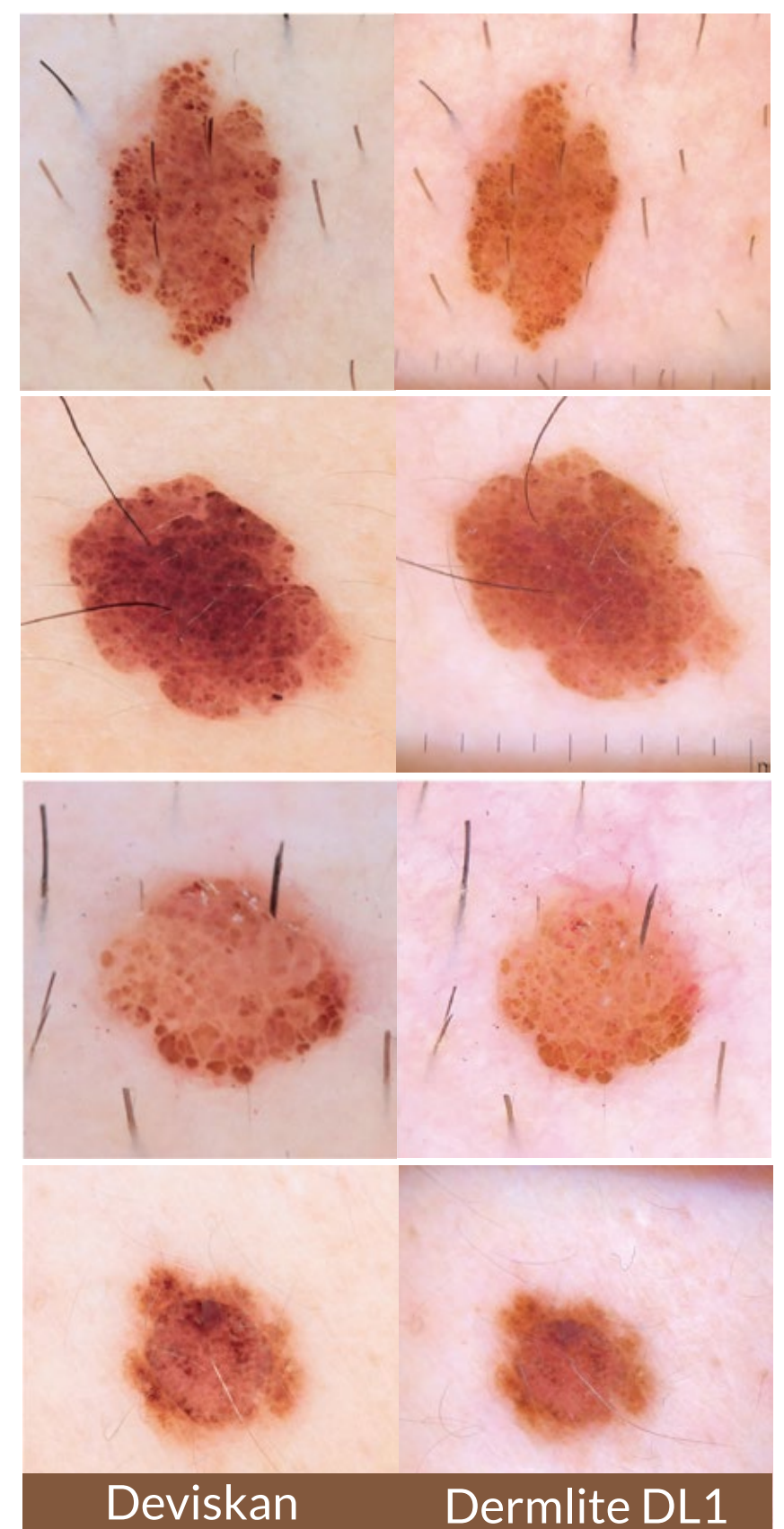
## HOW DOES DEVISKAN WORK AUTONOMOUSLY?



## PILOT STUDY WITH 50 VOLUNTEERS TIME COMPARISON

 5-8 minutes Deviskan	VS.	 30-45 minutes Dermatologist + total body scanner + digital dermoscope
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## QUALITY COMPARISON



## DIGITAL FOLLOW-UP COULD BE AVAILABLE TO EVERYONE

**Deviskan** shows that using Artificial Intelligence and robotics is possible to **capture high quality dermoscopic images** while creating a body-map of skin lesions without wasting personnel time.

This has the potential to enhance access of thousands of patients to **complete body examination and digital follow-up** while providing a huge amount of **valuable real data** for further studies at almost **no cost**.

