TELEDERMATOLOGICAL SCREENING SOLUTION VIA MOBILE DEVICES

**MEDICAL FIELD, OR MEDICAL METHOD**
Dermatology

**TYPE**
- Decision support
- Autonomous decision making

**CATEGORY**
- Prevention
- Detection
- Diagnosis
- Treatment
- Other

**DESCRIPTION**
The software would classify images taken by smartphone and diagnose skin lesions.

**AIM / PURPOSE**
To diagnose images of skin lesions taken by smartphone

**OUTPUT / RESULTS**
In research - still at proposal stage.

**AI METHODOLOGY (OPTIONAL)**
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**INPUT / SIZE OF THE DATA**
Multiple public databases are used, including the Interactive Atlas of Dermoscopy (EDRA) (2000 images), the Dermofit Image Library (1300 images), Fraunhofer AICOS (179 images)

**REFERENCE DOCUMENTS / LINKS / PUBLICATIONS**
WHO-ITU “Focus Group on Artificial Intelligence for Health”

“Dermatology TG-Derma”
https://extranet.itu.int/sites/itu-t/focusgroups/ai4h/docs/FGAI4H-G-008.docx

**SOURCE**
WHO-ITU FG-AI4H
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