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" *https://www.itu.int/en/ITU-T/focusgroups/ai4h/Pages/tg.aspx.*

"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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