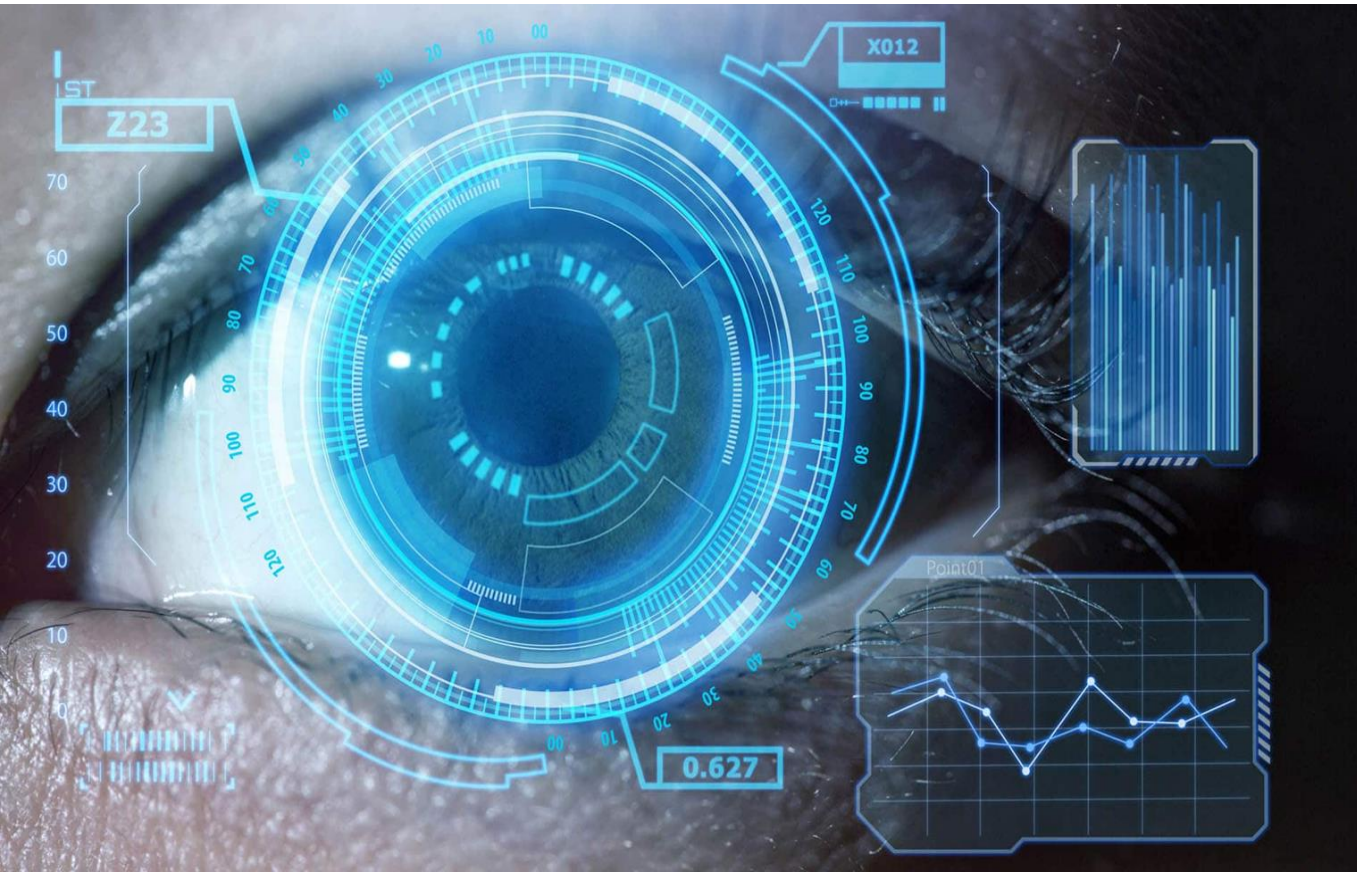




KALEIDOSplus
powered by EyeRobo®

Anterior Segment Screening

Introduction

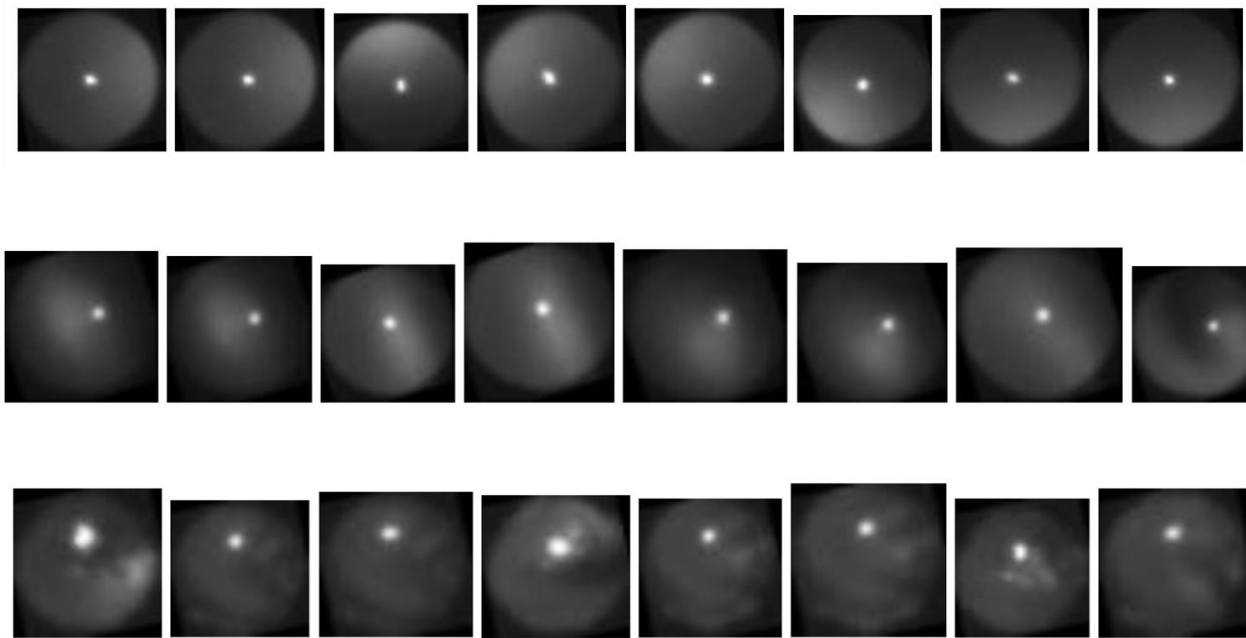


Anterior Segment Screening function is a complete AI system on the cloud for cataract and keratoconus screening.

The pupils' images acquired by KALEIDOS Plus are automatically uploaded on Adaptica Cloud.

The AI algorithm processes the data instantly and, if any anomaly of the anterior segment is detected, a warning is given with the indication of the eye, if right and/or left.

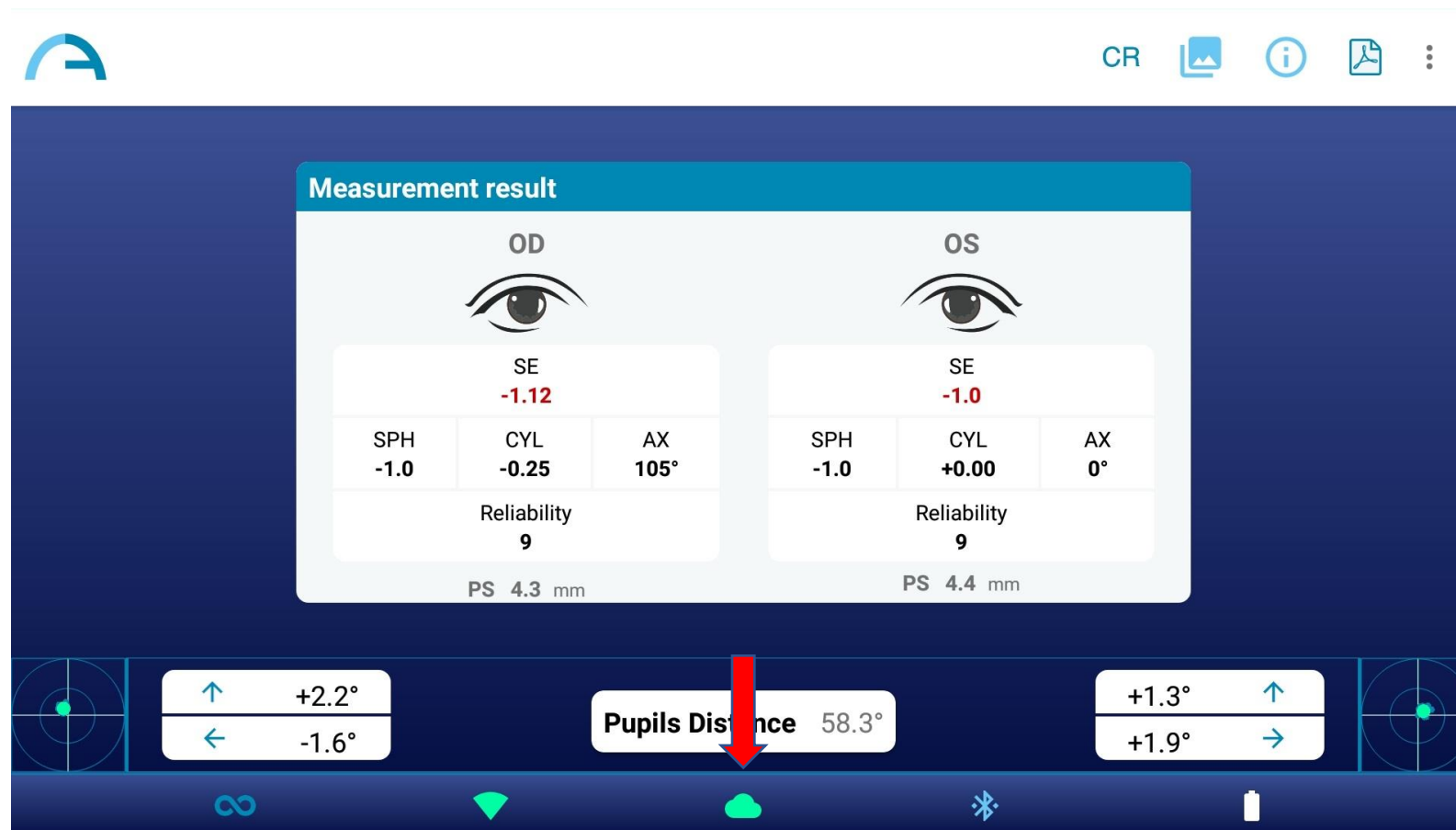
The AI algorithm



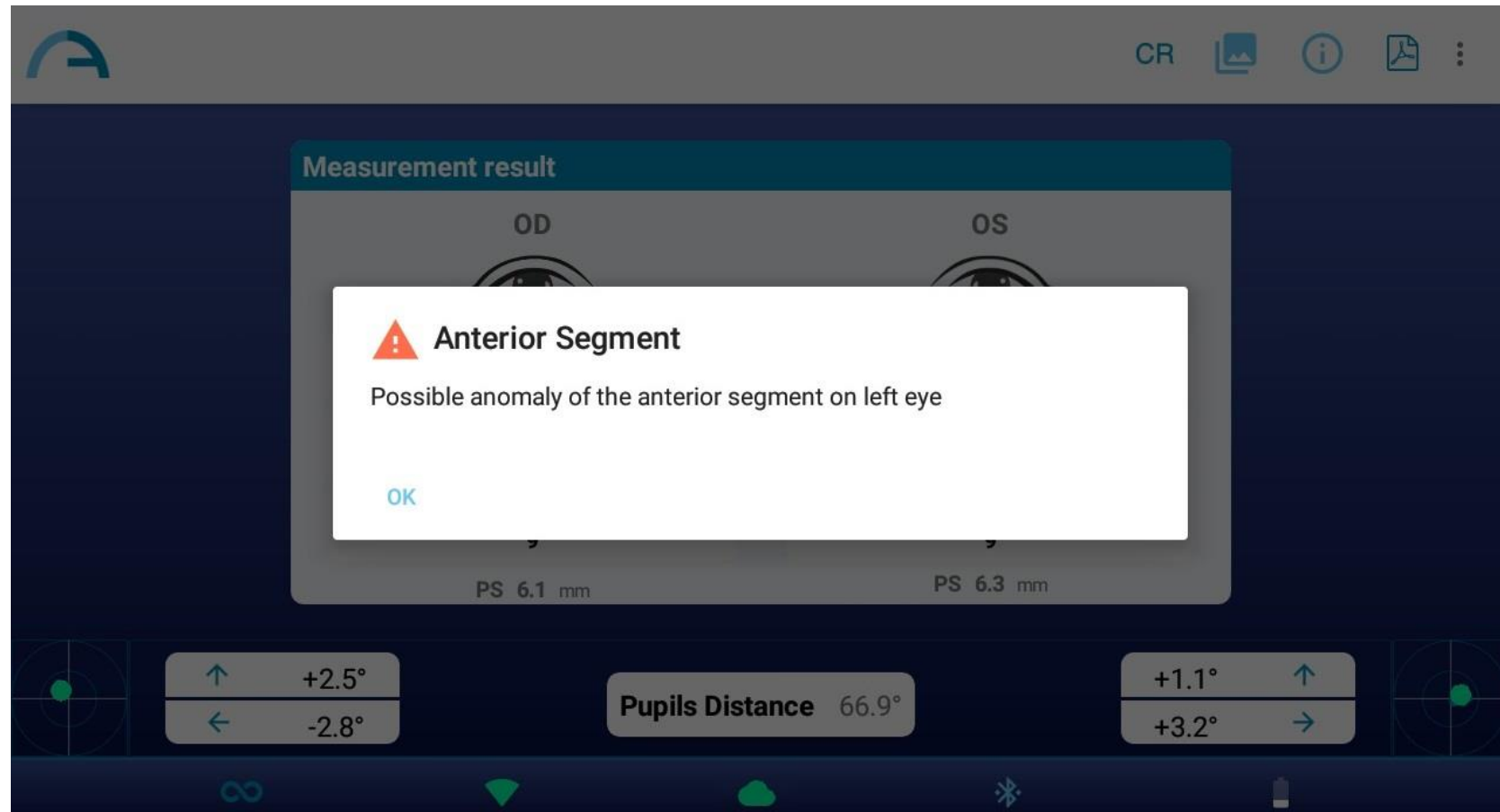
The AI algorithm is based on a Convolutional Neural Network and it has been trained and validated on thousands of pupils.

The algorithm learnt how to distinguish between different patterns in the pupil images, thus being able to identify normal eyes and eyes affected by cataract or keratoconus.

Anterior Segment Screening



Anterior Segment Screening





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