Eye for Diabetes

Citizen scientists help to label retina images from a public dataset via the Zooniverse platform
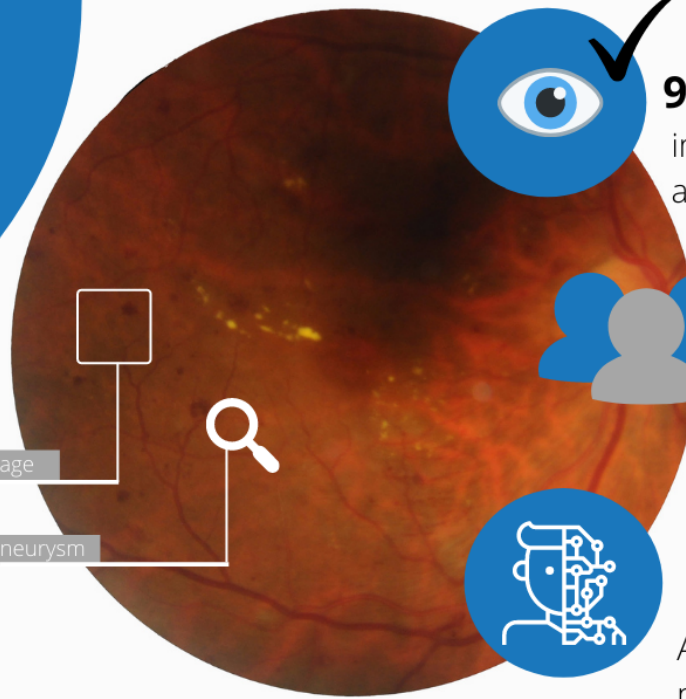
Developing and training a computer model based on artificial intelligence to detect diabetic retinopathy in retina images

425 million people
with diabetes in the world

1 out of 3
can get an eye complication

Increase in eye screening tests
Computer-assisted screening

Haemorrhage

Microaneurysm

95.000
images have been analysed

7.500
volunteers

Automated lesion detection is now **50%** more accurate

Next steps

Further training of the computer model with more labelled images by volunteers

Faster and more reliable diagnoses for large-scale individualised health care

Usage of AI in citizen science: surveying attitudes and opinions

diabetesliga

SMIT

vito

VUB VRIJE UNIVERSITEIT BRUSSEL

Vlaanderen verbeelding werkt

RICHTING MORGEN

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