iCare RETCAD

AI-powered eye screening for early disease detection

For better perception **icare**

iCare RETCAD

Fast and reliable AI-driven retinal analysis

iCare RETCAD® instantly detects early signs of diabetic retinopathy (DR), age-related macular degeneration (AMD), and glaucoma (GLC). With its AI-powered precision, iCare RETCAD ensures highly accurate and reliable results, empowering healthcare professionals to make timely and informed decisions for their patients' eye health.

Available as a cloud-based solution, iCare RETCAD integrates seamlessly with various fundus cameras and clinical workflows.

Why choose **iCare RETCAD?**

- Instant AI detection finds early signs of DR, AMD, and GLC in seconds.
- Performance matches that of human graders, ensuring consistency and reliability.
- Compatible with iCare DRSpls and all major fundus cameras.
- AI-generated heatmaps and standardized reports support decision-making.
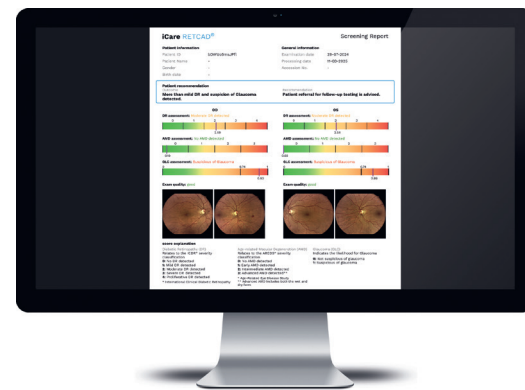- Meets ICDR and AREDS international standards.

iCare RETCAD enables **quick and effortless AI-powered retinal screening**

1. A fundus camera acquires high-quality retinal images in seconds.
2. iCare RETCAD evaluates images, detects referable disease symptoms with scores, and generates heatmaps.
3. A standardized screening report is provided, aiding healthcare professionals in decision-making.

Optimizing clinical workflows
and optical services

iCare RETCAD enhances eye care in clinical settings and optical stores:

- AI supports national eye screening programs.
- Optical stores can offer value-added services, strengthening customer loyalty.
- Eye care professionals prioritize high-risk patients while AI handles routine screenings.

Proven clinical accuracy

The performance of iCare RETCAD is backed by peer-reviewed clinical studies, confirming its reliability in real-world settings. These studies demonstrate its effectiveness in detecting referable diabetic retinopathy, AMD, and glaucoma, making it a trusted solution for scalable eye screening.

iCare. For better perception.

iCare is a trusted partner in ophthalmic diagnostics, offering physicians fast, easy-to-use, and reliable tools for diagnosis of glaucoma, diabetic retinopathy, and macular degeneration (AMD). Our devices cover automated fundus imaging systems, perimeters, and handheld rebound tonometers. iCare Solutions provide digital clinical tools that drive greater efficiency and enhance quality in eye care.

We believe that ophthalmic care must be accessible, effortless, and reliable, and our aim is to establish the next level of eye care.

$C\epsilon$ 0123

REV01-2025-03

Centervue S.p.A.
Via San Marco 9H
35129 Padova, Italy
Ph. +39 049 501 8399
info@icare-world.com

Icare Finland Oy
Äyritie 22
01510 Vantaa, Finland
Ph. +358 9 8775 1150
info@icare-world.com

Icare USA, Inc.
8601 Six Forks Road, Suite 310
Raleigh, NC 27615
Ph. +1 888.422.7313
infoUSA@icare-world.com

iCare World Australia
Level 9, 276 Flinders Street
Melbourne Victoria 3000,
Australia
Ph. +61 3 85927079
infoAU@icare-world.com

www.icare-world.com

icare For better perception