Retinal Investigation Report

Client information

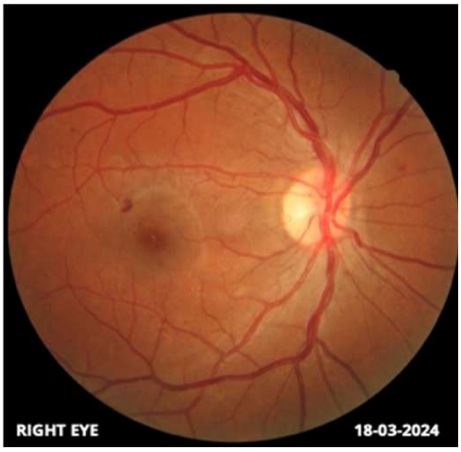
Client name: Test Testesen Client Reference: 123456 Date of consultation: 18/03/2025

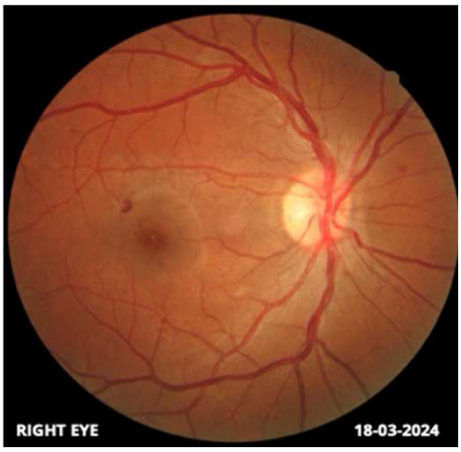
Result & Recommendation

The retinal image shows indications of minor hemorrhages and microaneurysms, possibly indicating Diabetic Retinopathy.
The retinal image has a few indications of drusen on your retina.
The retinal image shows indications that the hemoglobin level is slightly outside the normal range.
On the basis of this assessment, it is recommended to contact an ophthalmologist for further examination.
It is recommended to be aware of and notice any symptoms of AMD. The symptoms you should watch out for are blurry or blind spots in your central/reading vision, straight lines appearing wavy, or reduced vision. If you experience any of these symptoms, see an ophthalmologist as soon as possible.
It is recommended to contact an ophthalmologist for further examination if you have a family history of glaucoma. If you do not have a history of glaucoma you do not need to contact an ophthalmologist, but it is recommended to get the screening again in a year's time or discuss this with your ophthalmologist at your next routine visit.

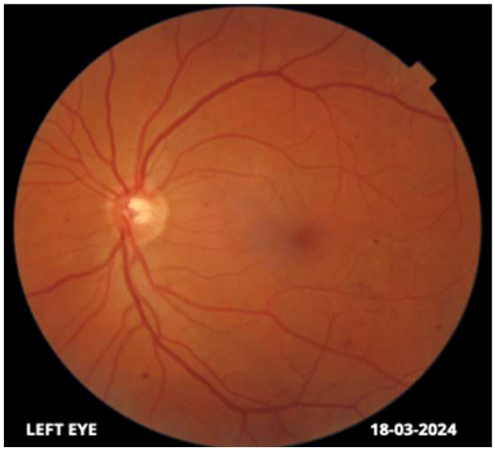
Patient images and scans

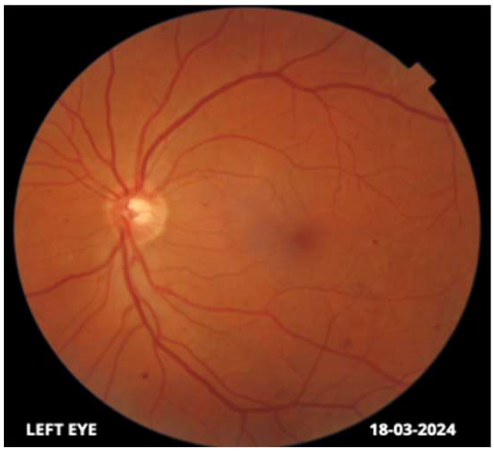
OD





OS





Advanced Glaucoma Report

	0-1%		1-2%			2-5%			5-100%	
GDF	-100	-15	-15		-10	-10	-1.99	0	0	80
GIP	-100	-15	-15		-10	-10	-0.9	0	0	200
Vertical C/D	1	0.71	0.71		0.68	0.68	0.68	0.64	0.64	0
C/D Area	1	0.55	0.55	0.52	0.51	0.51		0.46	0.46	0
GDF/PSD	-100	-11.8	-11.8		-10	-10		0	0	25
GDF/TCV	-100	-9.1	-9.1		-8.7	-8.7		0	0	25

	0-1%		1-2%			2-5%			5-100%	
GDF	-100	-16.95	-15	-15		-10	-10	0	0	80
GIP	-100		-15	-15		-10	-10	-5.31	0	200
Vertical C/D	1		0.71	0.71	0.71	0.68	0.68	0.64	0.64	0
C/D Area	1		0.55	0.55	0.54	0.51	0.51	0.46	0.46	0
GDF/PSD	-100		-11.8	-11.8		-10	-10	0	0	25
GDF/TCV	-100		-9.1	-9.1		-8.7	-8.7	0	0	25

Image Saturation	N/A
Image Quality	Medium
Disc Area	N/A
Algorithm Version	7

Image Saturation	N/A
Image Quality	High
Disc Area	N/A
Algorithm Version	7

GIP PROGRESSION (RIGHT EYE)

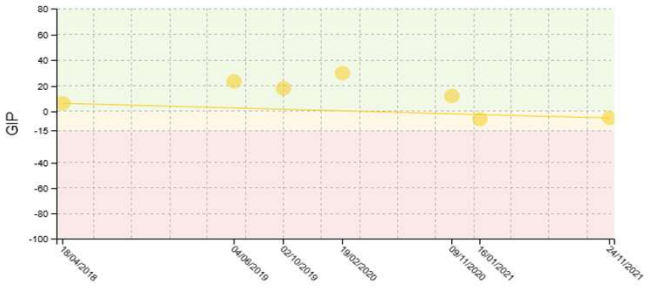
R = 0.4151 (P = 0.4871) LINEAR MODEL Y = 0.0051X + -8.1973

This graph shows the Globin Individualized Pointer (GIP) for all the analysis of this eye, in addition to the linear regression of its values.

GIP PROGRESSION (LEFT EYE)

R = -0.4722 (P = 0.2846) LINEAR MODEL Y = -0.015X + 21.5442

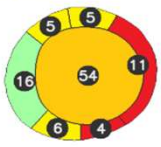
This graph shows the Globin Individualized Pointer (GIP) for all the analysis of this eye, in addition to the linear regression of its values.



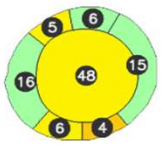
SECTOR'S AREA IMAGES (RIGHT EYE)

The color of each sector represents the percentage ((from 0% (red) to 100% (green)) of its area relative to the total area of the disc (100%). The numerical value of each sector represents the percentage of area of that sector with respect to the entire optic disc.

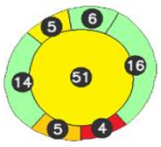
2021-11-24



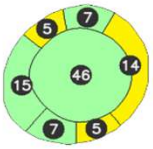
2021-01-16



2019-10-02



2019-06-04



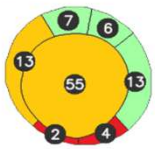
2018-04-18

SECTOR'S AREA IMAGES (LEFT EYE)

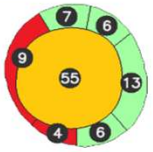
The color of each sector represents the percentage ((from 0% (red) to 100% (green)) of its area relative to the total area of the disc (100%). The numerical value of each sector represents the percentage of area of that sector with respect to the entire optic disc.

2021-11-24

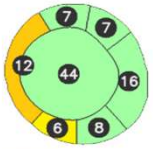
2021-01-16



2020-11-09



2020-02-19



2019-10-02

2019-06-04

2018-04-18

AREA CHANGE ESTIMATION BY HB (RIGHT EYE)

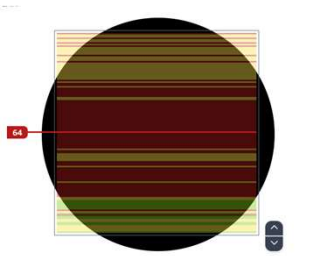
The probability change in size of each sector is estimated from all the available analyses for this eye.

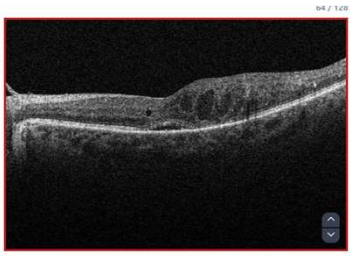
AREA CHANGE ESTIMATION BY HB (LEFT EYE)

The probability change in size of each sector is estimated from all the available analyses for this eye.

Patient images and scans

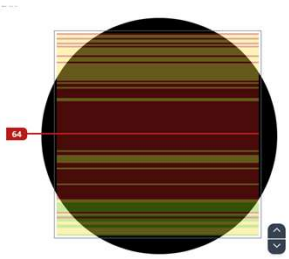
OD





OCT SCAN

OS



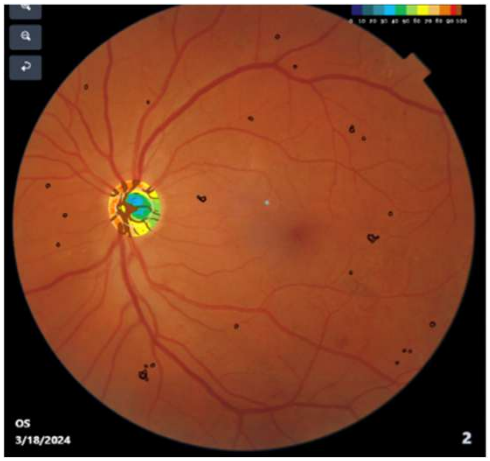
OCT SCAN

OCT reporting provided by Altris.

Images with overlays

OD

OS



Complete consultation information

Client name	Test Multiple Screenings	Consultation site	RetinaLyze System A/S
Client reference	Test Multiple Screenings	Site address	Bernstorffsvej 20 2900 Hellerup
Consultation date	18-03-2024	Site phone no.	+4525944408
Consultation ID	1128026		

Definitions

Passed

Green - No Significant Findings
No signs of pathology detected. No further action needed unless symptoms are present.

Monitor

Yellow - Minor Changes, Monitor
Early signs of DR, AMD, Glaucoma, or minor retinal changes. Treat as **Red** if risk factors are present (e.g., diabetes, family history, vision changes). Otherwise, monitor or recheck.

The yellow result should be treated as a **red result** if any of the following are true:
DR: The patient has diabetes, symptoms of DR, or repeated yellow results over 2-3 months.
AMD: The patient shows signs of visual defects on Amslers grid test or reports symptoms of AMD.
Glaucoma: The patient has a family history of glaucoma, elevated IOP, optic disc damage, or visual field defects.
OCT: The patient has severe vision changes or loss of acuity.
If none of the above conditions apply, the yellow result can be treated as green.

Refer

Red - Significant Pathology Detected
Clear indications of disease requiring further evaluation or referral.

Recapture

Grey – Insufficient Image Quality
Image quality is insufficient or ONH not present (for RetinaLyze Glaucoma). Recapture image.

What kind of investigation was performed?

We have conducted an investigation, leveraging advanced technology to analyze photos of your retina. Utilizing a tool called RetinaLyze, we have harnessed the power of both human expertise and Artificial Intelligence to gain valuable insights.

Here's how RetinaLyze enhances our understanding

RetinaLyze DR	This module meticulously examines photos for subtle indicators like minor hemorrhages and microaneurysms, crucial in detecting early stages of Diabetic Retinopathy.
RetinaLyze AMD	Designed to detect early signs of Age-related Macular Degeneration (AMD), such as the presence of drusen, facilitating proactive management.
RetinaLyze Glaucoma	By measuring hemoglobin levels in the optic disc, this feature serves as a vital tool in identifying potential damage, aiding in the assessment of Glaucoma risk.

While these screenings provide valuable information, it's important to note that they are not a substitute for a comprehensive consultation with an ophthalmologist. Your ophthalmologist can offer a more thorough assessment of your vision and overall eye health. If you're already under the care of an ophthalmologist, attending regular checkups, or experiencing any vision-related issues, it's imperative to continue with your appointments and seek medical attention as needed.