

OPTOMED TRAINING DECK 2020

# Optomed Aurora IQ

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*External*



# Content

1.

## Image Quality upgrade

- Contrast enhancing filter

2.

## Intelligent Features

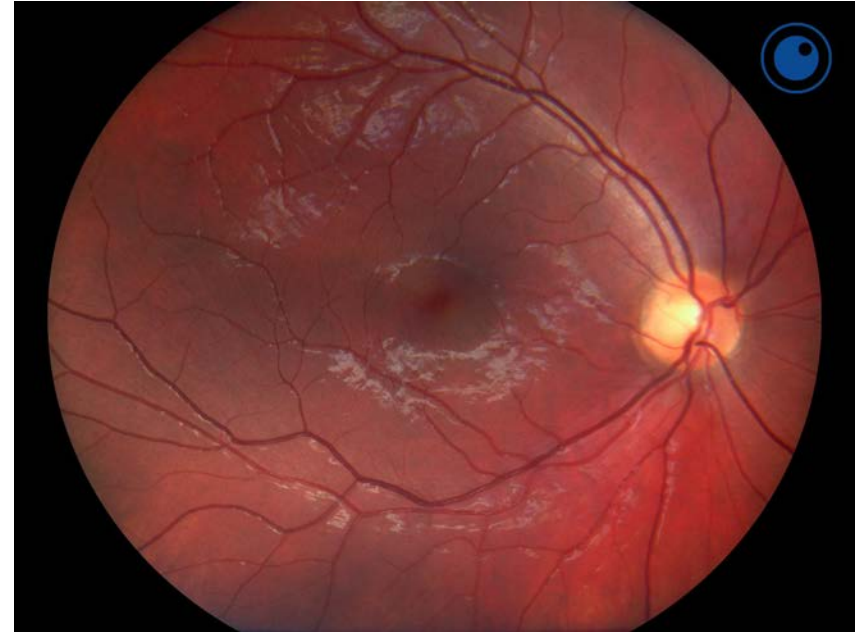
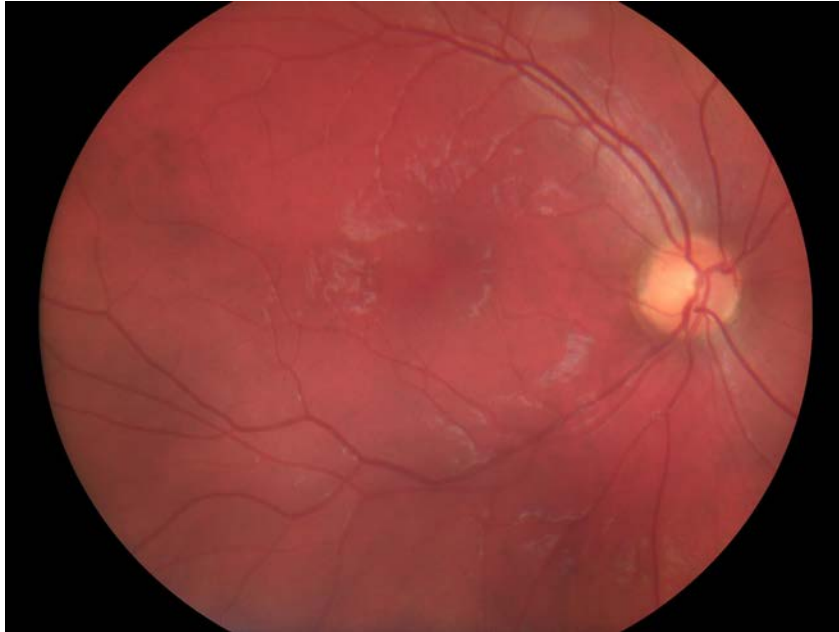
- Automatic exposure
- User menu
- Set PIN-code
- Direction mark
- Zoom
- Updated settings icons
- Updated date and time menu



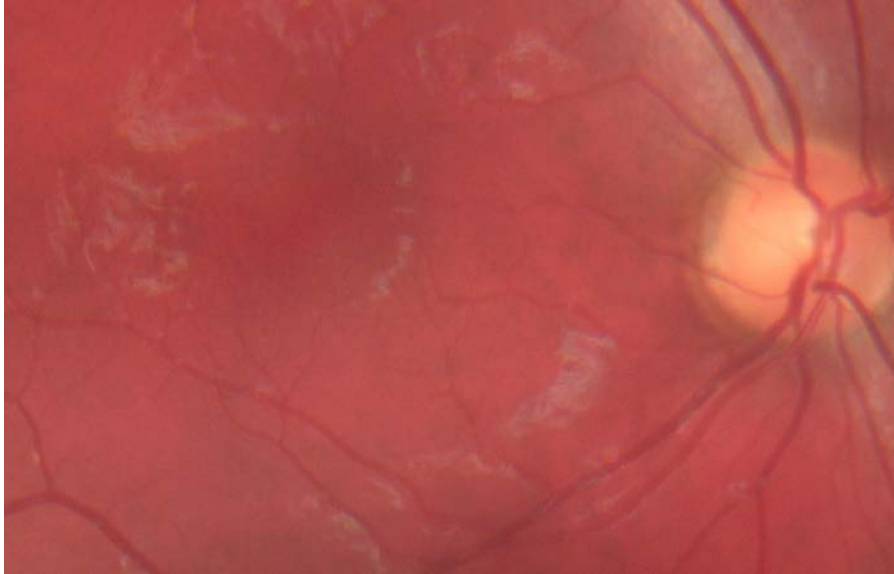
# Image quality upgrade

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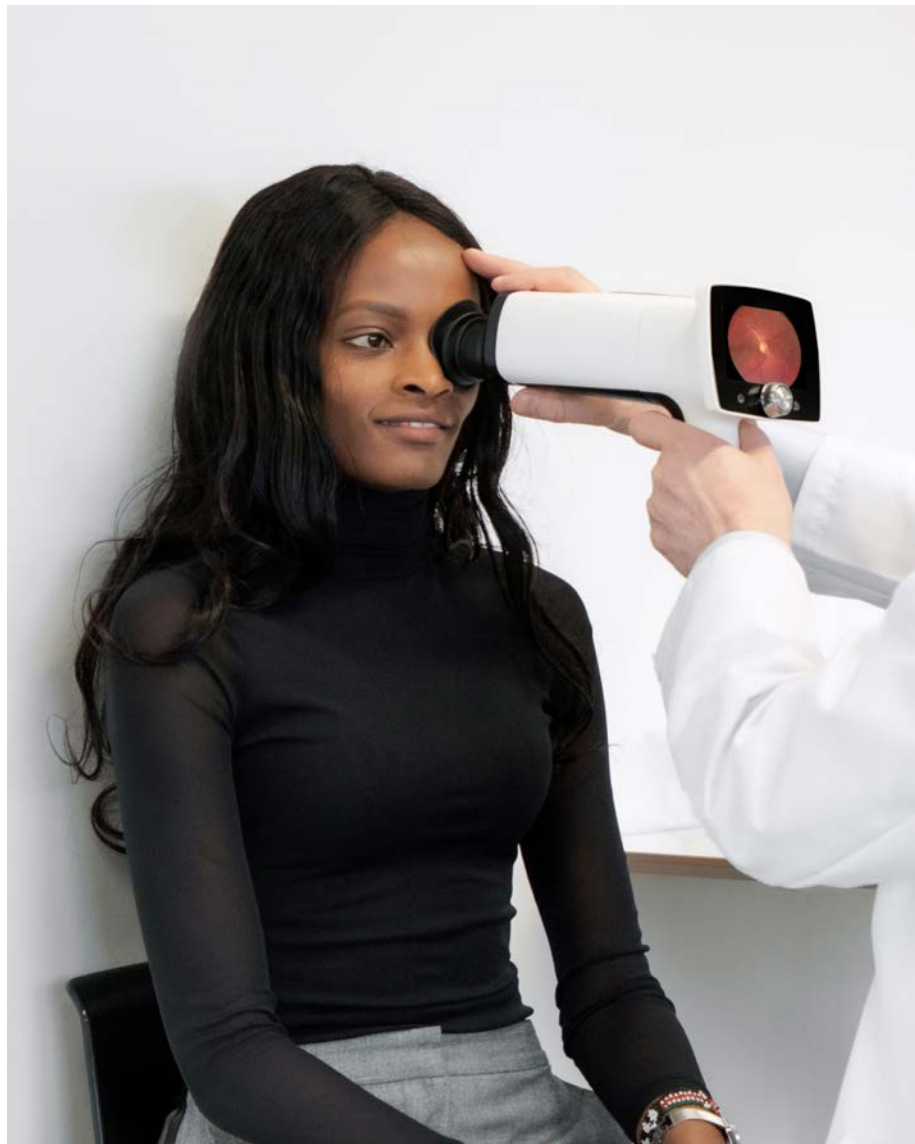
# Contrast enhancing filter



# Contrast enhancing filter







## Contrast enhancing filter

Aurora IQ camera includes redesigned optics that allow enhanced contrast of retinal features.

- Improved visualization of small early phase changes

This is done by a new optical filtering method. It will not cause any changes to UI, outer appearance or usage of the camera.

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A woman with long dark hair, wearing a dark top, is smiling and looking down at something in her hands. A man with short hair and glasses, wearing a light-colored shirt, is standing next to her, looking towards her. The background is a plain, light-colored wall. The entire image is overlaid with a semi-transparent blue filter.

# Intelligent Features

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# Automatic exposure

- Automatic exposure helps users work faster and with correct image exposure in most cases
- With AE the camera adjusts image brightness digitally after capture
- AE operation range is between brightness values 5 to 8

Adjusts image brightness correctly in typical cases with adults and children of approximately 3 years and older





# Automatic exposure

- Cases where Manual exposure should be used rather than AE
- Small children ( $\approx$ under 3 years)
- Other patients with very light coloured retina or big light changes
- If AE cannot adjust the image correctly user is guided to change to manual setting (correct value guided by camera)



# User menu

- A new User menu has been added to Aurora IQ cameras
- The purpose is to improve data security by allowing to
  - Create one or more identified users to the camera if needed and
  - Using a PIN code



# User menu

## General

- User list - Lists all users in camera
- Log out
- Change PIN-code – Change login PIN-code
- Admin – Create or delete users

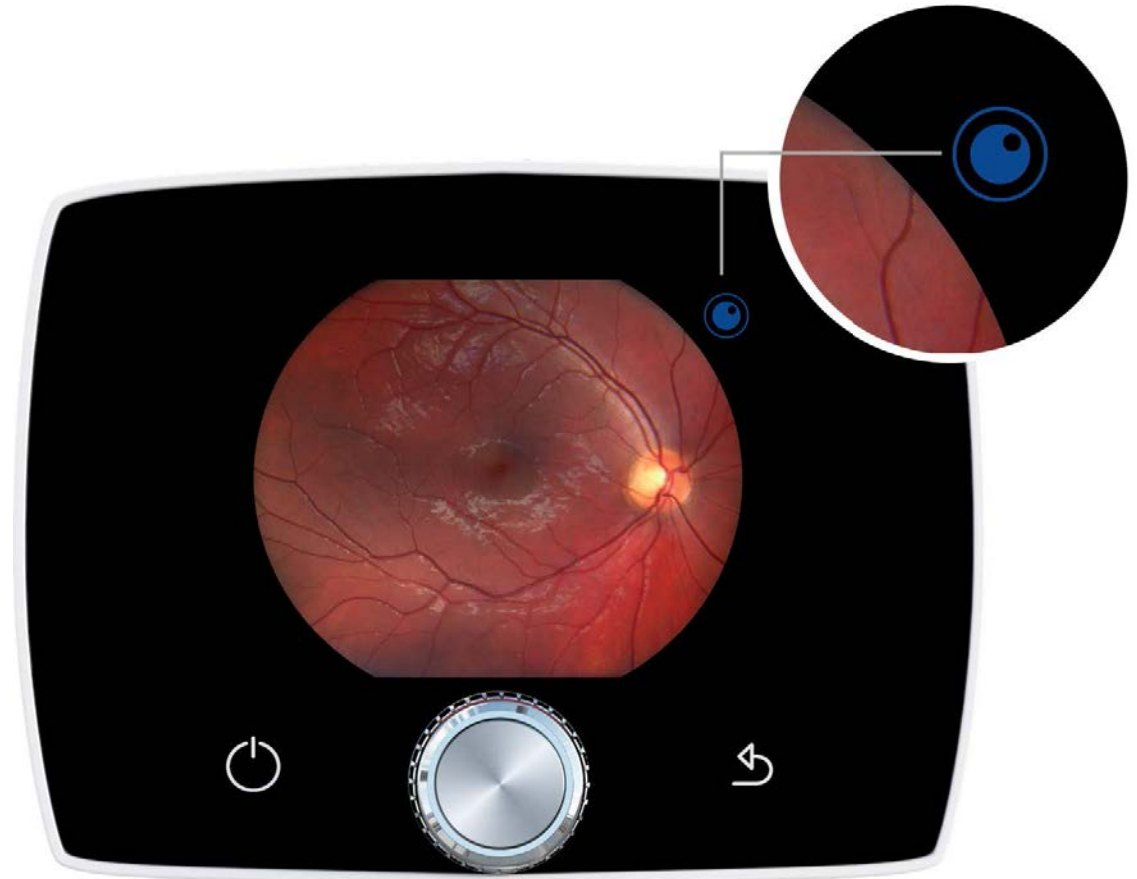
## How to enable camera login

- Go to admin menu
- Select ON from Login On/Off icon
- Add 4-digit PIN-code
- Repeat PIN-code



# Direction mark

- A direction mark will be included in the Aurora images
- Similar to "cut off" seen in table top camera images
- Will always be on the upper right side
  - does not move if left / Right eye is chosen



# Zoom

- Zooming function in preview will be updated
- Otherwise similar as before but the view after first button press will be slightly zoomed
  - Allows seeing important features slightly better even without using ZOOM



# Icons

## Liveview

- New Cloud or Client icons next to wireless icon
- New icon AE for autoexposure
- New user menu
- New icon for camera menu
- New icon for optics menu





# Updated date and time menu

- Automatic time sync when wireless connection is enabled
- Date and time can also be updated manually



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