OPTOMED AURORA® IQ

# Improving Veterinary eye imaging and documentation



**PATENTED TECHNOLOGY**

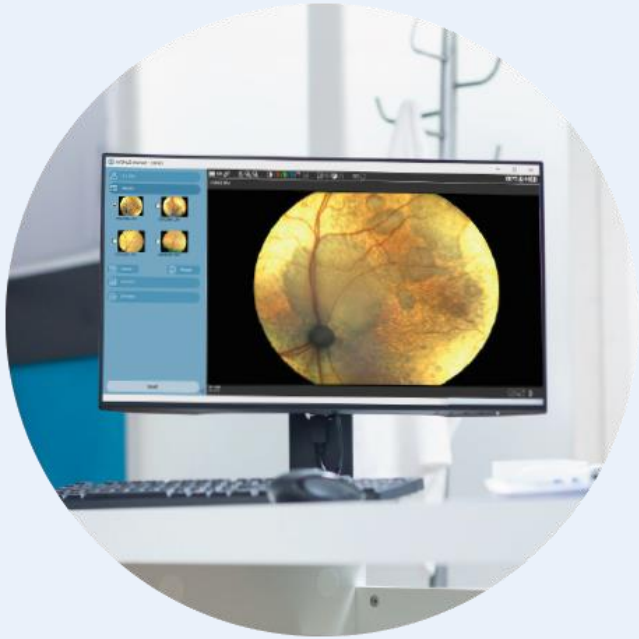


## Easy-to-use technology

- Non-mydriatic operation
- Quick imaging with autofocus
- Real-time visibility to the retina
- Quiet operation



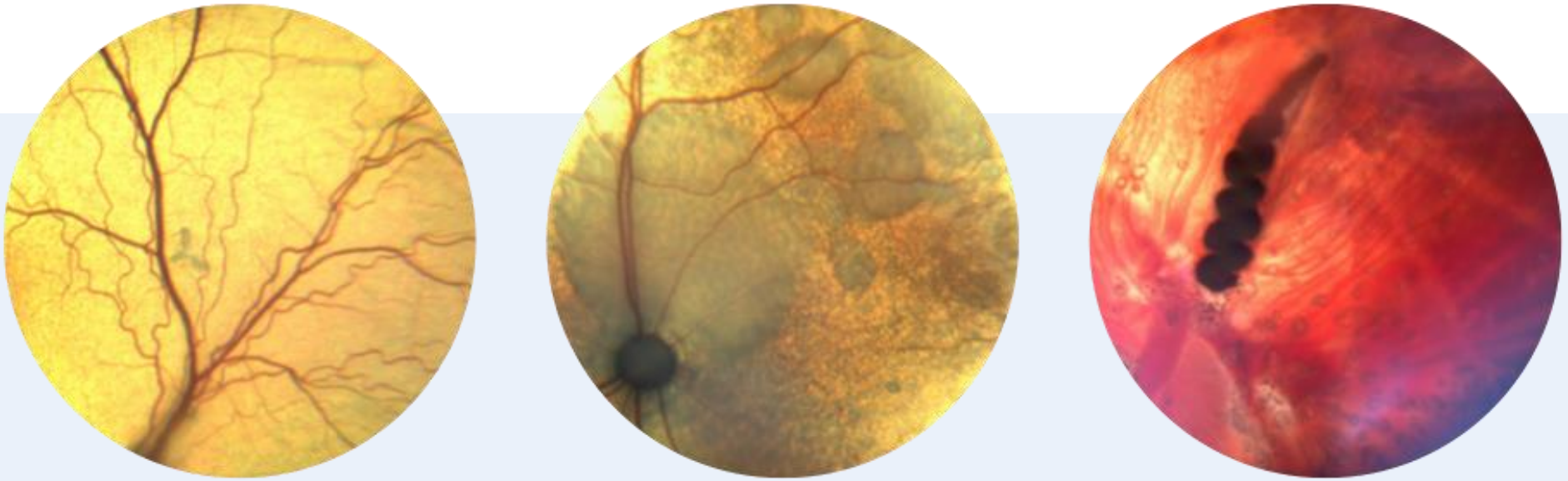
## Large screen for viewing the results instantly



## Follow-up and consultation on the PC

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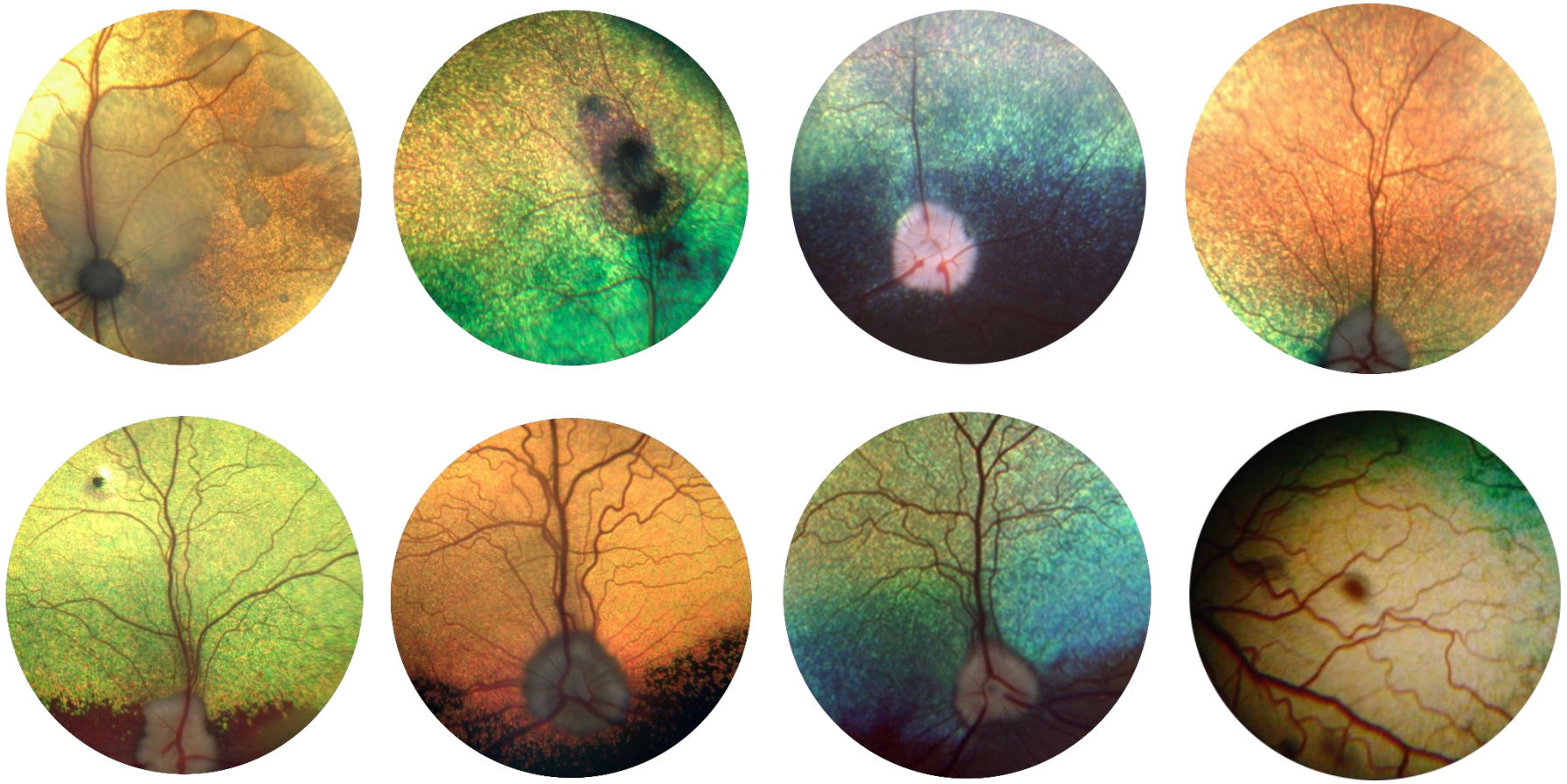
# High quality retinal imaging



- Detailed examination with 50° FOV
- Clear images with High-contrast optical design
- Wide brightness setting range for eyes of varying reflectance and pigmentation

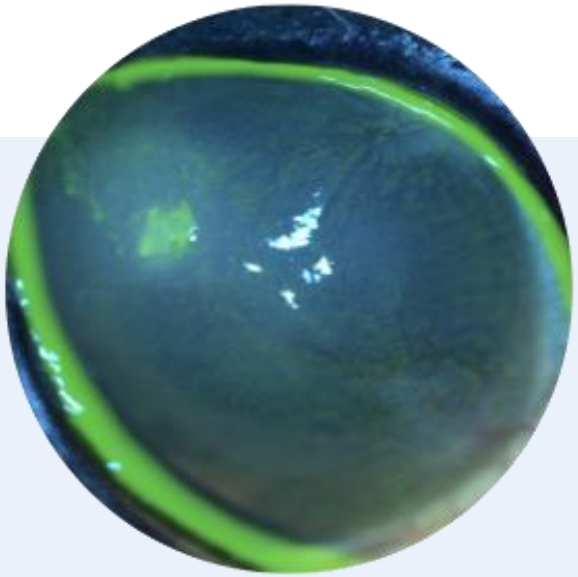
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# Retinal images taken with the Optomed camera



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# Eye Surface Imaging



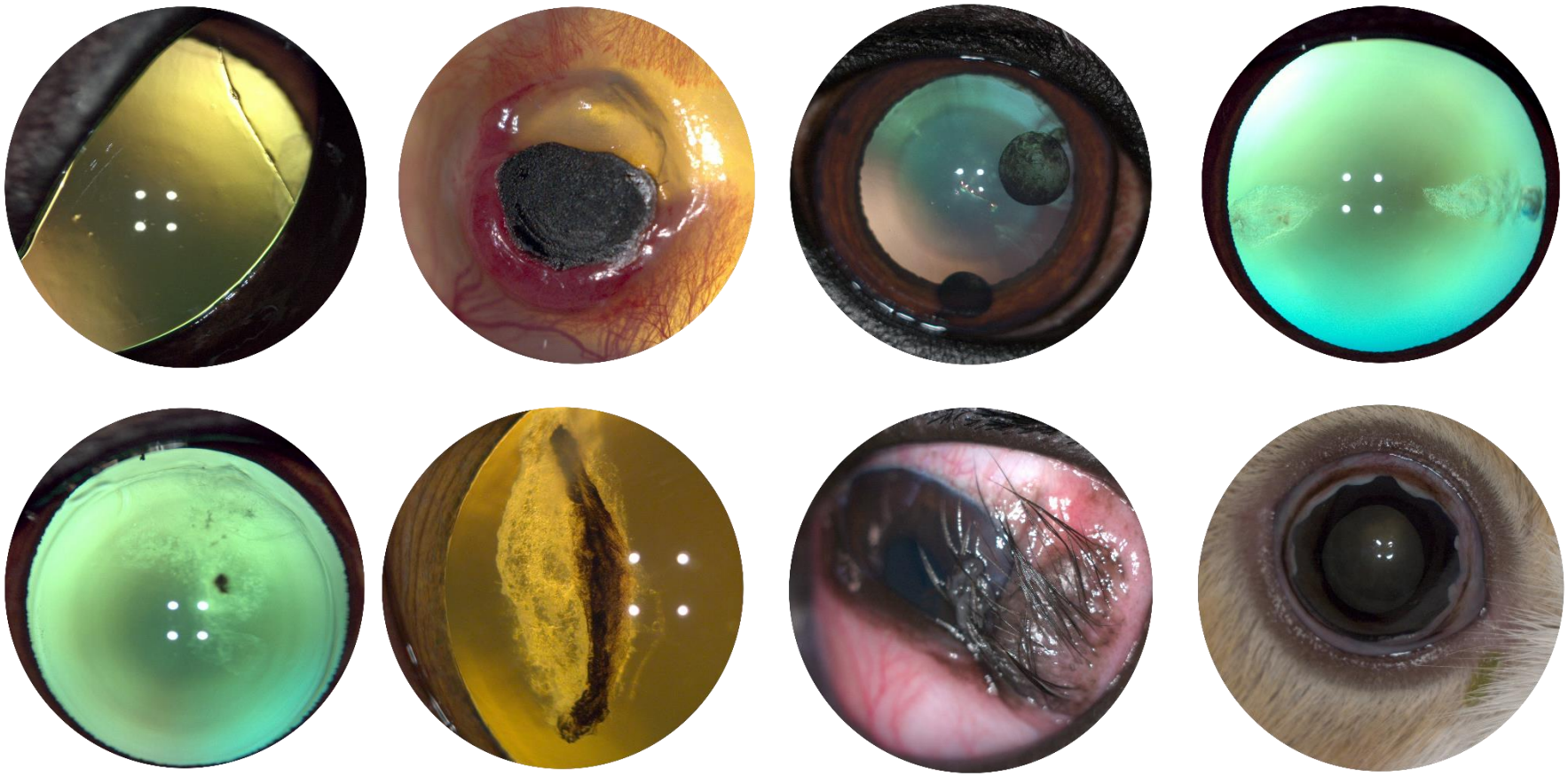




- Adjustable illumination levels
- Color imaging and cobalt blue for fluorescein imaging

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# Eye surface images taken with the Optomed camera



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# Optomed camera user comments

“I use it during official eye screening examinations and for patients with eye problems to show the owner what a fundus look like. Often it is more clear for an owner to see the picture instead of descriptions like retinal vessels, tapetum, optic disc. In some cases, we can also show the abnormalities, like retinal dysplasia, chorioretinitis, hemorrhage.

Suitability for follow-up and remote consultation purposes is good if we store the picture in the medical records of the patient. “

**Dr. Gerlinde Janssens**,
*Veterinarian, Cert. Vet. Ophthalmology*
*Veterinary Practice Kleidal*
*Belgium*

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# Technical specifications

| | |
|---|---|
| **Type** | Non-mydriatic digital fundus camera |
| **Field of view** | 50 degrees (total FOV 50x40) |
| **Camera sensor resolution** | 5 Mpix |
| **Optical resolution** | > 60 lp/mm (ISO10940:2009) |
| **Fixation targets** | 9 internal fixation targets for peripheral imaging |
| **Focus modes** | Automatic, manual |
| **Minimum pupil size** | 3.1 mm |
| **Image format** | JPEG |
| **Video format** | MPEG-4 |
| **Display** | TFT-LCD: 4”, 800x480 |
| **Memory** | 16 GB |
| **Battery** | Rechargeable 3.63V/2600mAh Li-ion Battery |
| **Connectivity** | WLAN, USB |
| **Type of photography** | Color, Red-free, IR |
| **Warranty** | 2 years excluding batteries |

**Dimensions and weight:**

| | |
|---|---|
| **Aurora camera** | 122(w) x 202(h) x 98 (l) mm, 526g |
| **Aurora retinal module** | 68 (w) x 74 (h) x 160 (l) mm, 327g |
| **Aurora anterior module** | 71 (w) x 80 (h) x 79 (l) mm, 105g |

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Optomed is a Valued Supplier on the IAPB Standard List

OPTOMED CORPORATION

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