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Cobra



The next generation of non-mydriatic fundus camera.

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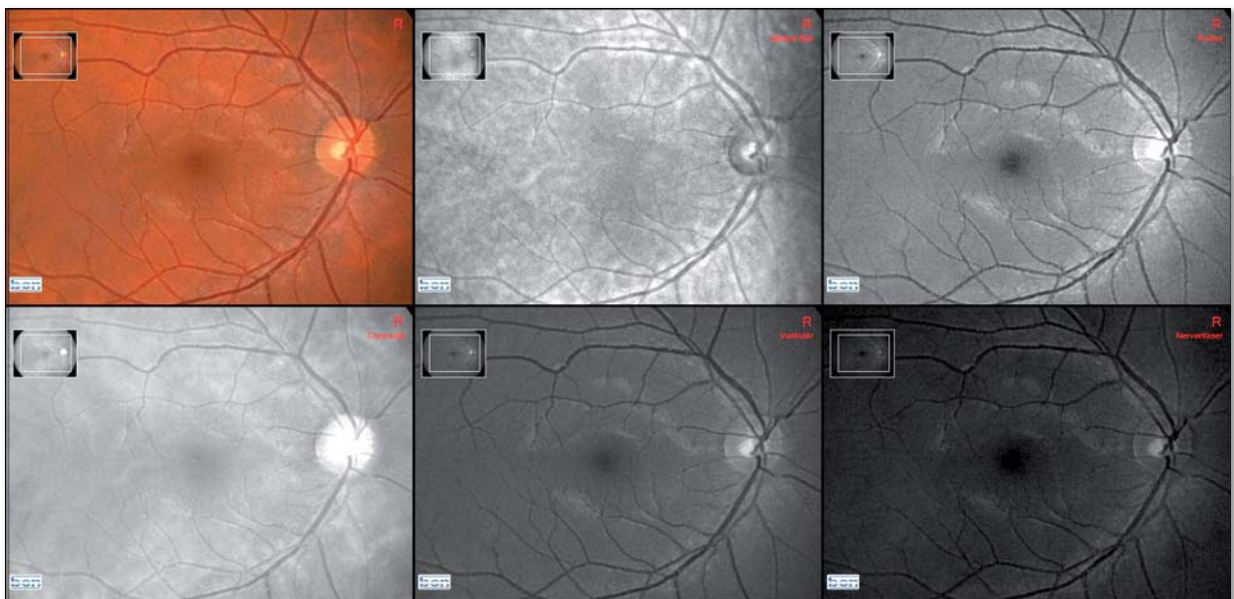
b o n delivers the innovative non-mydratic digital fundus camera that integrates every function required for easy retinal screening.

Integrating an innovative imaging optical system, *Cobra* realizes digital fundus imaging of high resolution and fine gradation.

Ergonomically designed *Cobra* provides clear and detailed display of the entire fundus image at true 60° x 45° field of view.

The system offers retinal photography with minimum flash exposure allowing quick and efficient fundus photography, thereby minimizing patient discomfort.

Cobra shares the use of the high resolution CCD camera for IR and colour picture acquisition.





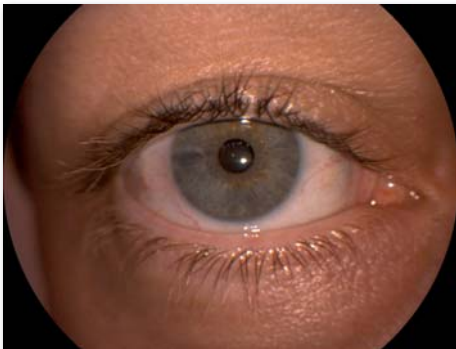
Non-mydriatic

Cobra only needs a minimum pupil diameter of **2,2 mm** and a room with standard lighting conditions.

High-speed image transfer to PC

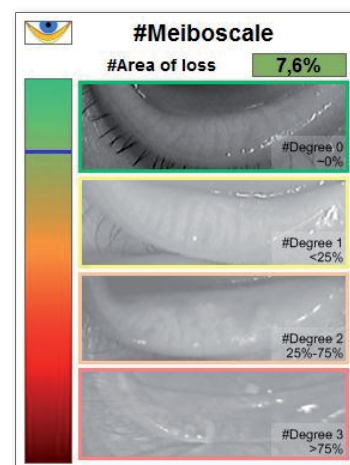
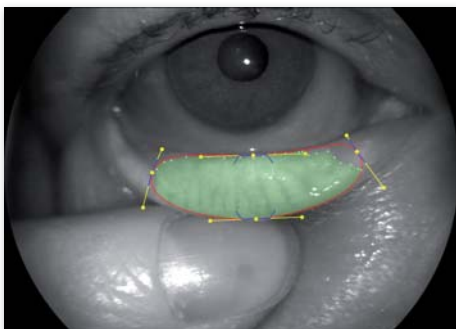
Firewire connection to a PC allows quick and easy transfer of the images. The data are saved in a database through the *Phoenix* Software in Stand-Alone or network configuration.

DICOM connection can be achieved transferring images to a compatible server.



Anterior Segments

Thanks to its variable focus options *Cobra* also provides pictures of the anterior segments of the eye.



Meibography

The Meibomian Gland Dysfunction (MGD) is the significant cause for hyper-evaporative dry eye. *Cobra* allows visual documentation and digital analysis of gland dysfunction.

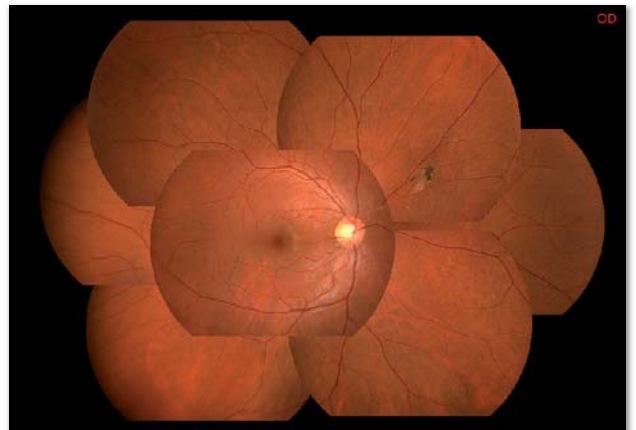
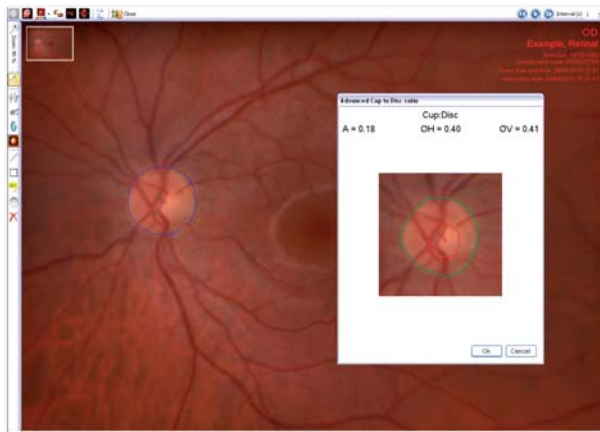


Phoenix Software imaging and archiving features

Sophisticated imaging functions are incorporated, including image processing features, drawing, measurement, and panoramic imaging for large field analysis.

With **Phoenix** it is easy to print and save structured reports on the patient archive.

Image export is available in many image formats. The data can be transferred to a *DICOM (Digital imaging and Communications in Medicine)* compatible server.



Imaging features

- Zoom effects
- Color control and filtering
- Measurement
- C/D ratio, Disc HV, Cup HV
- Drawing (text / objects can be inserted)
- Edge enhancement
- Grey scale
- contrast RGB
- Red-free and channel splitting
- Color inversion
- Brightness, Contrast and Gamma control