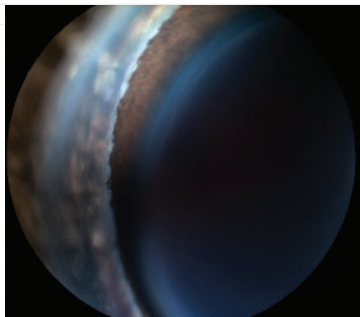
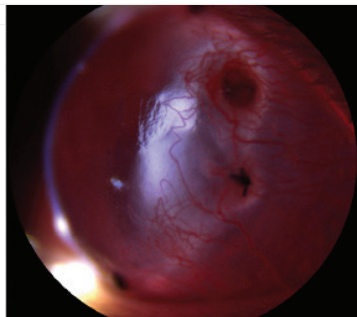


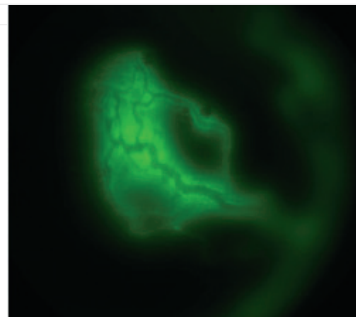
phoenix | MICRON[®] Slit Lamp



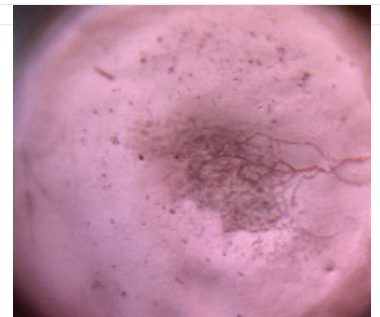
Iridocorneal Angle



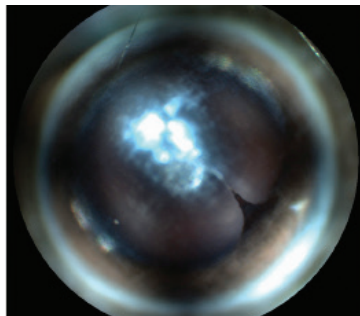
Penetrating Keratoplasty (PKP)



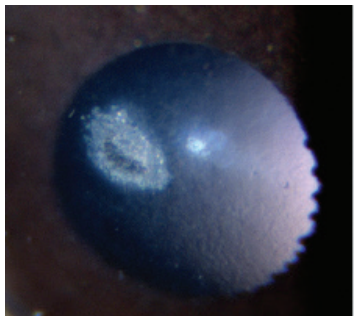
Corneal Neovascularization



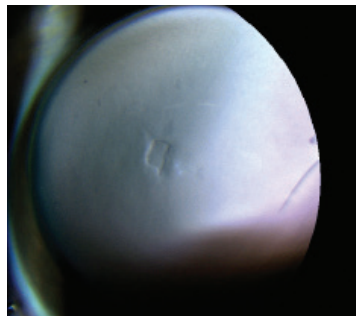
Corneal Vessels



Anterior Synechiae with Corneal Scar



Corneal Scar



Lens Irregularity



Corneal Neovascularization

Designed for laboratory animals

Phoenix MICRON Anterior Segment Slit Lamp system is the first of its kind developed specifically for mice and rats. This full featured ophthalmic slit lamp delivers resolutions of four microns while offering both bright field and fluorescent imaging.

Key features:

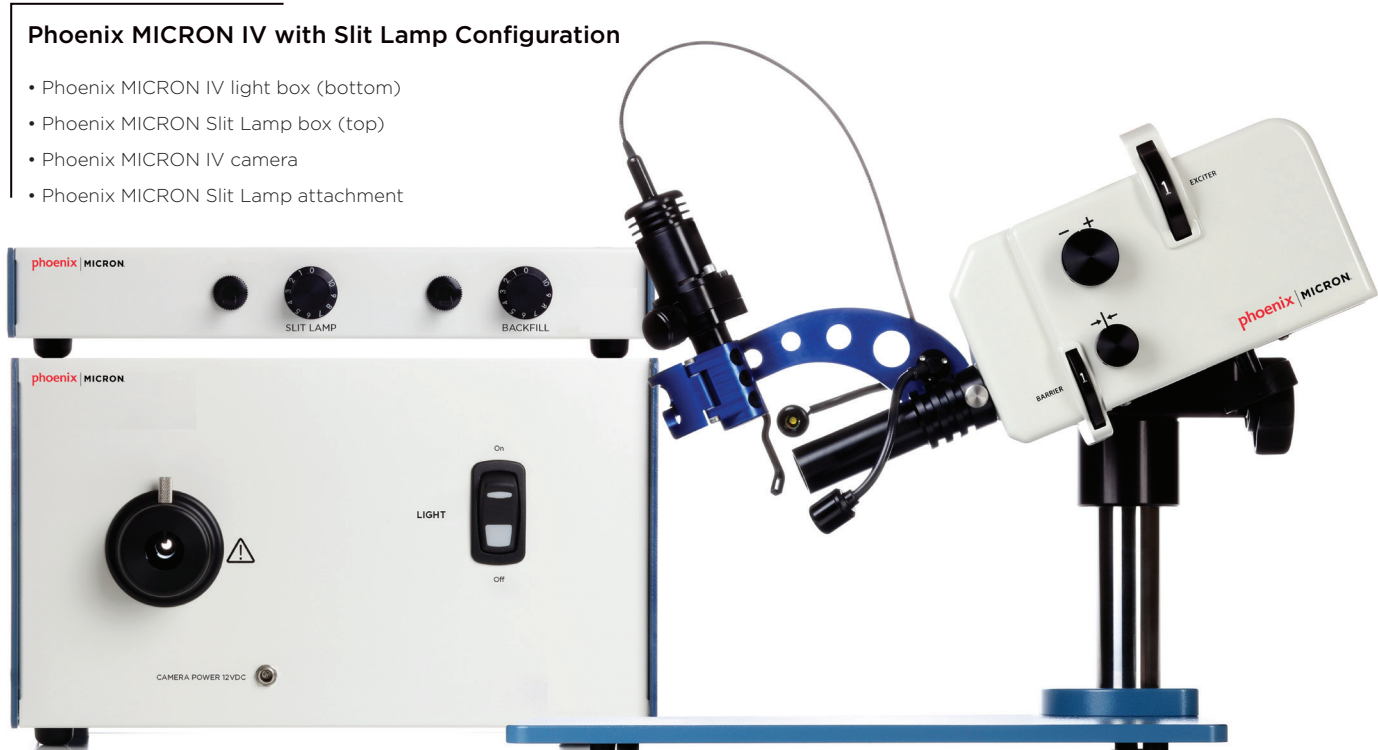
- LED Light Source
- Adjustable slit width and height
- Cobalt blue filter
- Back fill lights
- Compact size, attaches to the Phoenix MICRON IV body

Dual back-fill lamps and filters provide additional flexibility for fluorescent imaging, including documenting corneal and crystalline lens findings.



Perfect for animal research

The Phoenix MICRON IV system is designed specifically for the challenges of animal eye research. The system provides bright field imaging in addition to a cobalt blue filter for documenting corneal staining with fluorescein. The Phoenix MICRON IV system is designed to fit easily on limited laboratory bench space with a modular design that extends it's capabilities as research needs demand.



Phoenix MICRON IV with Slit Lamp Configuration

- Phoenix MICRON IV light box (bottom)
- Phoenix MICRON Slit Lamp box (top)
- Phoenix MICRON IV camera
- Phoenix MICRON Slit Lamp attachment

Slit Lamp Specifications:

Slit-width	0 to 4 mm
Slit-height	0 to 4 mm
Light color	White light or Cobalt blue
Intensity	High dynamic range
Slit beam light source	5w LED
Back-fill light source	Two 5w LEDs mounted on goose-necks
Filter	Blue exciter 469 μm center/35 μm wide
Radial movement of slit column	+/- 90° to axis
Transverse resolution	4 μm
Slit Lamp LED controller	on/off switch for slit lamp back fill lights with intensity controls

Phoenix Anterior Segment Slit Lamp is integrated with a Phoenix Micron IV Retinal Imaging Microscope and associated hardware.