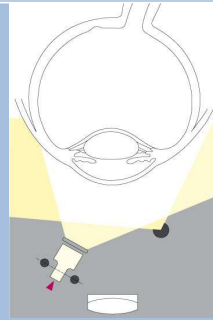
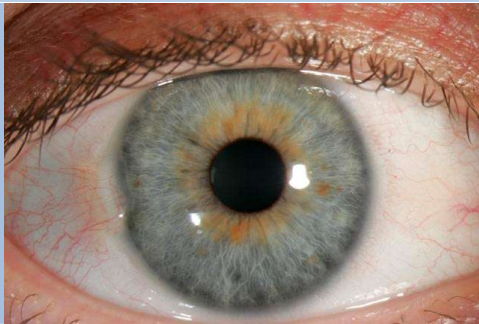
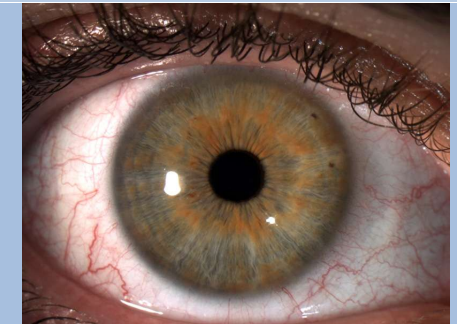


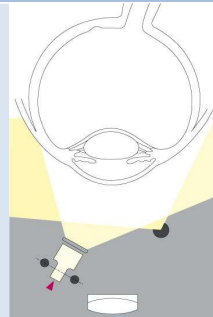
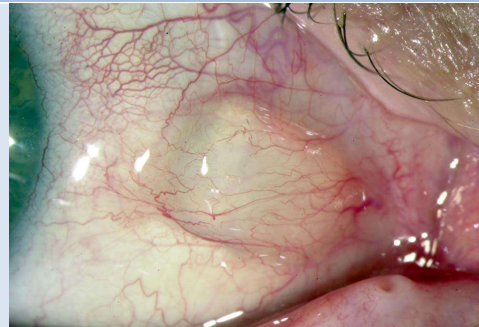
Diffuse Illumination



Magnification	10 x or 16 x
Slit Illumination Level	Open @ 45 degrees, Diffused 7
Background Level	2
Aperture	5
EyeSuite Exposure	1/90 Preset 1



Diffuse - Conjunctiva



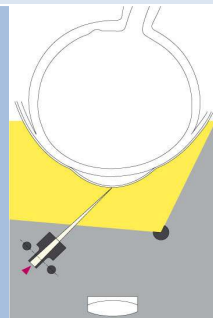
Magnification	10x or 16x
Slit Illumination Level	Open @45 degrees, Diffused, 4
Background Level	1
Aperture	6
EyeSuite Exposure	1/125 Preset 1



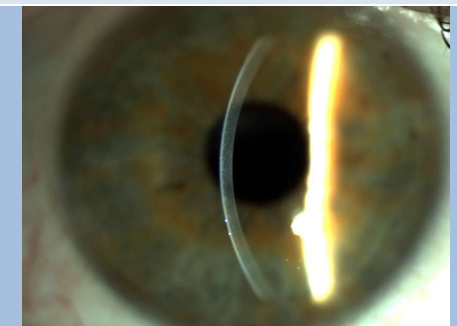
Tips & Technique

*Low magnification – overview images *Open slit fully – slit width can also be used to control exposure * Beware of unwanted reflection artefacts

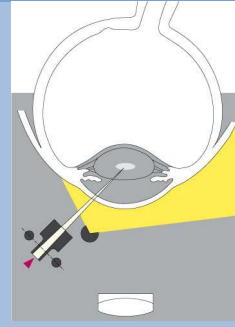
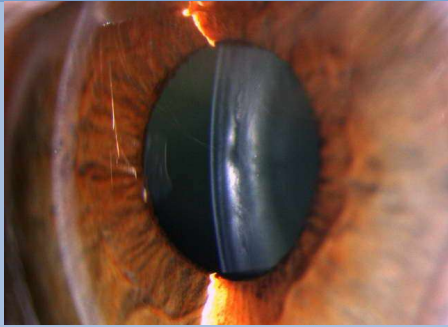
Narrow Slit – Cornea



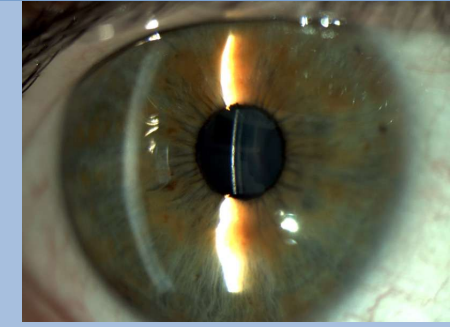
Magnification	16x or 25x
Slit Illumination Level	< 0.2mm wide >60 degrees from mic 10
Background Level	1
Aperture	1
EyeSuite Exposure	1/30 Preset 1



Narrow Slit - Lens



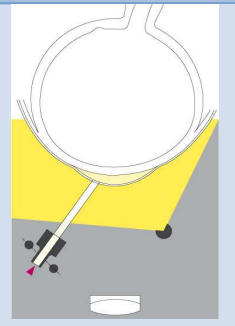
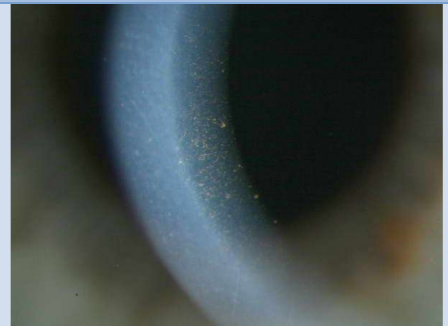
Magnification	16x or 25x
Slit Illumination Level	<0.2mm wide >60 degrees from mic 10
Background Level	1
Aperture	1
EyeSuite Exposure	1/30 Preset 3 (25x); Preset 2 (16x)



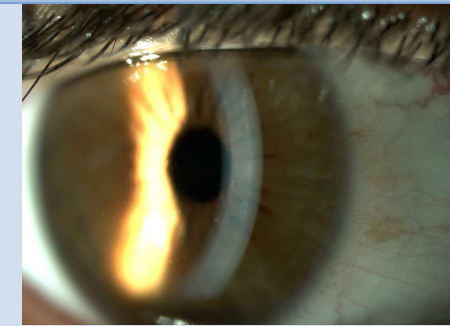
Tips & Technique

*Slit width must be less than 0.2mm to produce optical section *Maximise angle between illumination and microscope *consider the background *beware of specular reflection

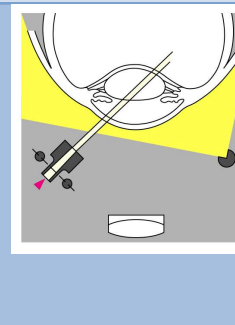
Wide Slit – Cornea



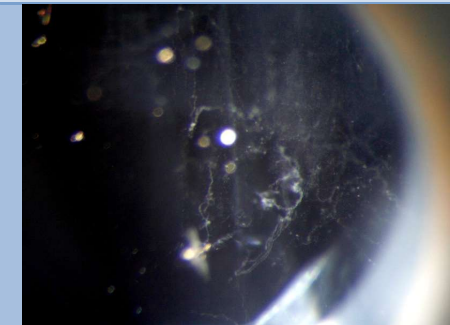
Magnification	16x or 25x
Slit Illumination Level	1-2mm wide, >60 degrees from mic 10
Background Level	1
Aperture	3
EyeSuite Exposure	1/90 Preset 2 (16x); Preset 3 (25x)



Wide Slit - Lens



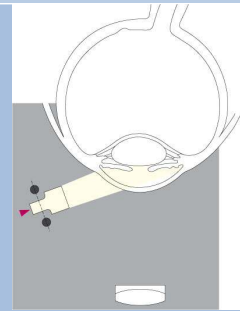
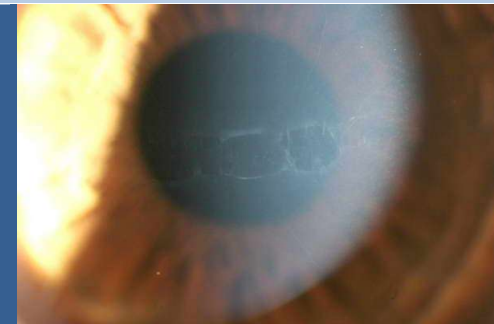
Magnification	16x or 25x
Slit Illumination Level	2-4mm wide, >60 degrees from mic 10
Background Level	1
Aperture	4
EyeSuite Exposure	1/45 Preset 2



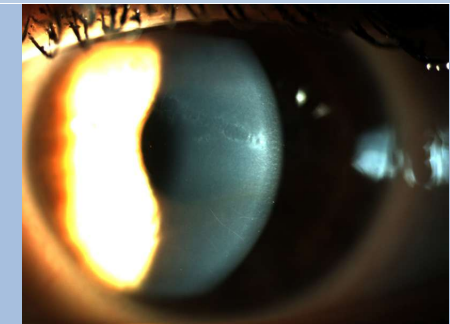
Tips & Technique

*Maximise angle of illumination * beware of specular reflections *reduce aperture to improve depth of field *experiment with position of background illumination

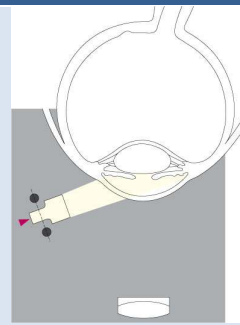
Tangential – Cornea



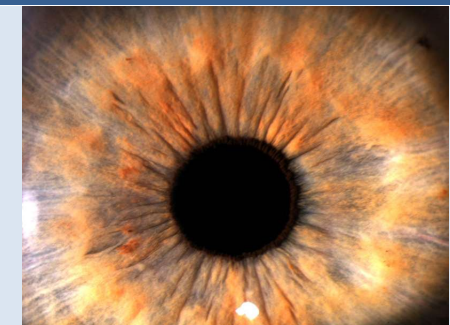
Magnification	16x or 25x
Slit Illumination Level	>4mm wide, >60 degrees from mic 10
Background	Off
Aperture	3
EyeSuite Exposure	1/45 Preset 2



Tangential – Iris



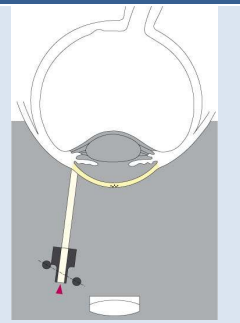
Magnification	16x or 25x
Slit Illumination Level	Wide Open, >60 degrees from mic 10
Background	Off
Aperture	5
EyeSuite Exposure	1/125 Preset 1



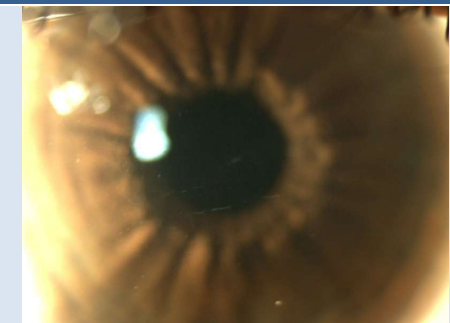
Tips & Technique

*Maximise angle to produce cross lighting *defocus slit can help with iris images * small aperture increases depth of field *

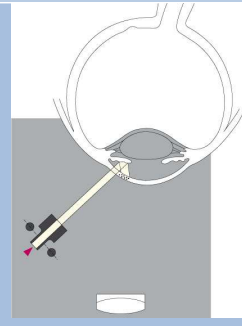
Sclerotic Scatter



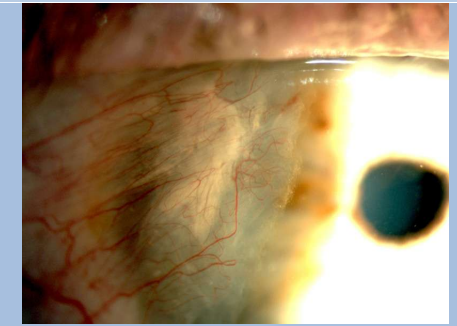
Magnification	16x or 25x
Slit Illumination Level	2 – 3mm defocused on limbus, 10
Background	Off
Aperture	3
EyeSuite Exposure	1/20 Preset 1



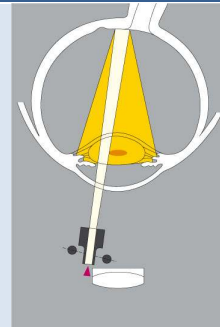
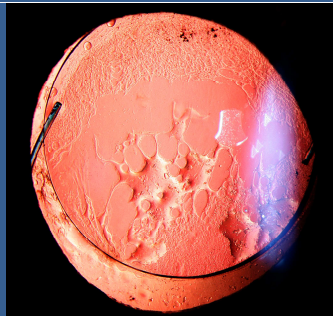
Indirect - Cornea



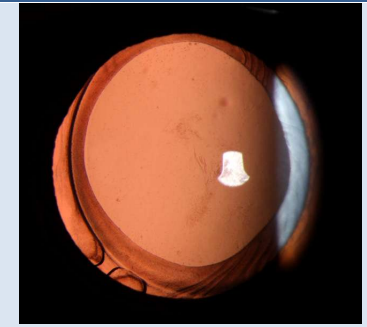
Magnification	16x or 25x
Slit Illumination Level	1-3mm wide, Decentred, 10
Background	Off
Aperture	3
EyeSuite Exposure	1/45 Preset 2



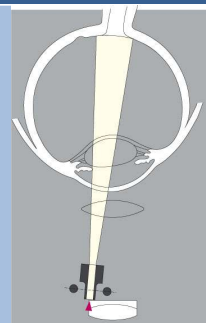
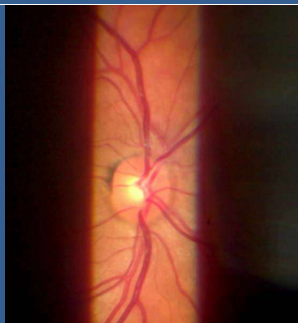
Retro - Lens



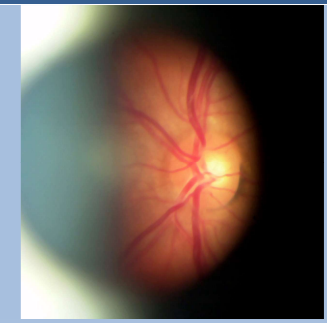
Magnification	16x or 25x
Slit Illumination Level	1-2mm wide, < 5 degrees, 10
Background	Off
Aperture	3
EyeSuite Exposure	1/90 Preset 1



Fundus



Magnification	10x or 16x
Slit Illumination Level	2-4mm wide, 10
Background	Off
Aperture	3
EyeSuite Exposure	1/90 Preset 1



These settings are provided as a guide only and changes to slit illumination level and exposure will be required in most cases to produce the optimum image
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