

Ocular Ultrasound Exam Techniques

Three probe positions

Tranverse scan: probe marker oriented either vertically or nasally (depending on position on globe- should always see nerve at the start i.e. when looking at nasal retina probe should be vertically oriented), held at superior, inferior, medial and lateral and rotated as far anterior as possible looking at opposite side of eye

Longitudinal scan: probe marker always pointing at the limbus, described in clock hours where the top of the image is oriented: 9 o'clock longitudinal scan includes the macula, optic nerve,

Axial scan: probe on center of eye, vertical and horizontal images

[ultrasound](#)

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