

Anamnesis

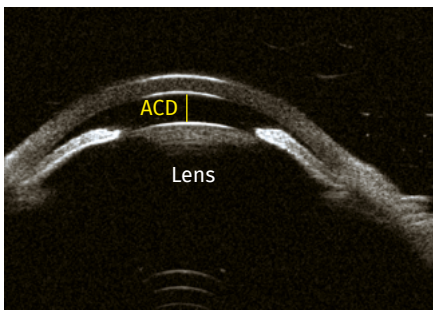
- 65-year-old male patient
- Pain in OS
- Reduction of visual acuity to 20 / 100
- IOP 30 mm Hg
- Presence of intumescent lens, and narrow anterior chamber because of iris bombe
- Pupillary block
- Gonioscopy shows angle closure in 360 degrees

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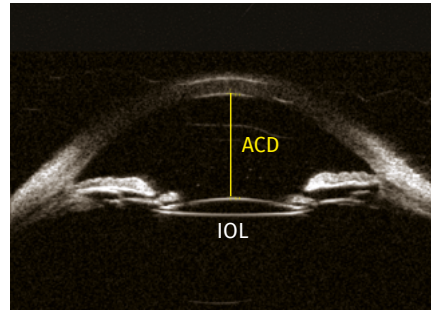
Diagnosis

BEFORE CATARACT SURGERY



The UBM exams showed the phacomorphic component with pupillary block and angular closure in 360 degrees associated to ocular hypertension

AFTER CATARACT SURGERY



The UBM allowed to see the resolution of angular closure and pupillary block, the great depth of the anterior chamber, the identification of centered IOL in the capsular bag and decrease of IOP

Diagnosis equipment

Ultrasound Platform	Probe selected	Clinical uses
	50 MHz linear	UBM examination of anterior segment and the structures behind the iris

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Conclusion

Ocular hypertension and glaucoma are becoming more common in patients with cataracts, in which the increase in lens volume causes the structures to move anteriorly, generating pupillary block and angle closure.

UBM becomes an essential diagnostic tool for the evaluation of structure in real time and for determining the origin of the ocular pathology. In this case of phacomorphic glaucoma, UBM exams value is demonstrated in both preoperative planning and postoperative follow-up of a cataract surgery.