

ACG Management

tucked between lens and Aqueous Flow Surgeries

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Whom are we talking about?

Intermittent angle closure

Chronic angle closure glaucoma

Clarity..

Accommodability..

Lens condition

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Chronic Angle Closure

- Pupillary block
- Plateau iris
- Lens induced
- Aqueous misdirection

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Lens extraction has recently gained more and more acceptance as a primary treatment.

Yes,,, **BUT!**

It would eliminate the angle closure in most of the cases!

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Lens Extraction in angle closure is more prone to complications:

- Shallow AC
- Larger lens
- Intraocular surgery risks
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Chronic Angle Closure

- Pupillary block
- Plateau iris
- Lens induced
- Aqueous misdirection

Does a Patent Iridotomy still have a role?!!

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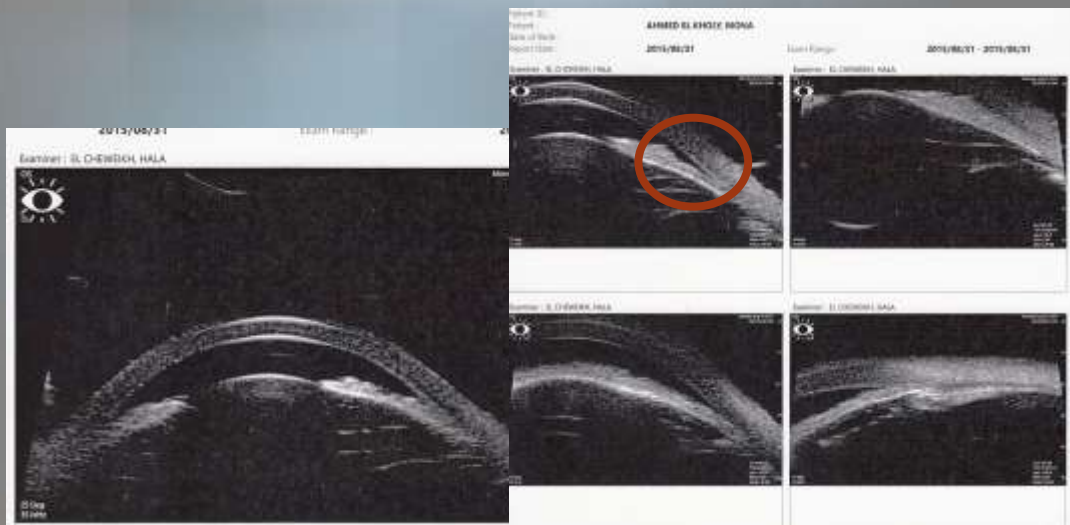
Microspherophakia

- Is a rare entity in which there is a small, spherical crystalline lens with increased antero-posterior thickness. The characteristic feature of *microspherophakia* is visibility of the lens equator on full mydriasis.
- It is more usual than not to be associated with angle appositional/closure glaucoma

Lens Induced Glaucoma

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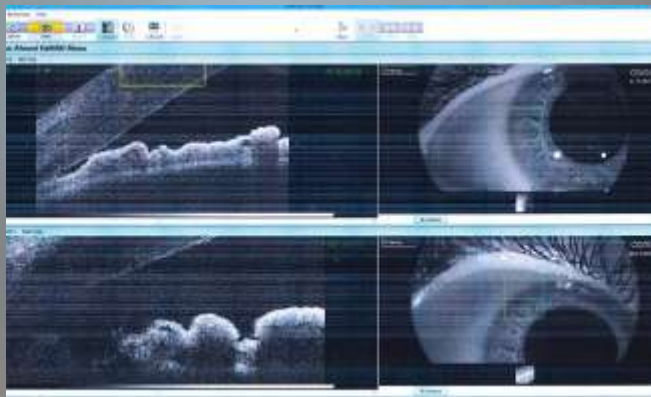
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Pre- and Post Iridotomy



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In younger patients, lens extraction would have a role in lens induced angle closure, which does not resolve with PI

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In an eye with a clear lens in a younger patient: laser PI first. If the angle does not open and IOP not well controlled with unquestionable glaucomatous damage, PE-IOL can be considered

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In patients with little functioning accommodation, early or advanced cataract, with moderate IOP elevation or unproven synechial angle closure, lens extraction would be decent management plan

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In patients with little functioning accommodation, early or advanced cataract, with more IOP elevation or proven synechial angle closure (as opposed by angle apposition), a combined lens extraction/ glaucoma procedure would be the optimum intervention

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A single optimum for angle closure glaucoma does not exist.

Recently, lens extraction is taking a more and more central role

It is prudent to weigh each individual case, and tailor treatment accordingly

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