



DR GEOFFREY CHAN

Wave 2026

D1-S1

MCQS

MCQS – Advance Access Only for WAVE. Please submit answers **online before 11.59pm AWST 23rd March OR if you want a 7 Day Extension to complete ALL MCQS – opt in online for the extra time. The following 5 MCQS are from the presentation on Day 1 – Session 1 @ WAVE 2026.**

Q.1) Which statement BEST describes the relationship between cataract and glaucoma?

- a) Glaucoma does not affect cataract formation, and cataract surgery does not alter IOP
- b) Cataract surgery always eliminates the need for glaucoma medication
- c) Chronic glaucoma therapy (e.g. steroids, miotics) may accelerate cataract formation, and phacoemulsification can produce a sustained reduction in IOP
- d) Cataract surgery typically worsens long-term IOP control in glaucoma patients.
- e) Filtration surgery prevents cataract development

Q.2) Which of the following is a recognised preoperative risk factor that may increase the complexity of cataract surgery in patients with glaucoma?

- a) Pseudoexfoliation with zonular weakness
- b) Mild nuclear sclerosis without comorbidity
- c) Well-controlled IOP on monotherapy without ocular surface disease
- d) Deep anterior chamber with good dilation
- e) Absence of prior ocular surgery

Q.3) A meta-analysis of seven studies (669 eyes) comparing cataract surgery with and without MIGS in OAG patients showed which of the following outcomes?

- a) No significant change in IOP or medication use
- b) Significant IOP reduction only, with no change in medication burden
- c) Reduced medication use only, with no significant IOP change
- d) Increased complication rates without IOP benefit
- e) Modest but significant IOP reduction and reduced postoperative medication use compared with cataract surgery alone

Q.4) What are the TWO main mechanisms by which cataract surgery lowers IOP in glaucoma patients?

- a) Decreased aqueous production and cyclodestruction
- b) Deepening of the anterior chamber angle and improved trabecular outflow facility
- c) Increased uveoscleral outflow and ciliary body shutdown
- d) Permanent damage to the trabecular meshwork
- e) Vitreous decompression reducing posterior pressure

Q.5) What is the PRIMARY concern when considering multifocal intraocular lenses in patients with glaucoma?

- a) Increased postoperative IOP spikes
- b) Higher risk of posterior capsular rupture
- c) Accelerated glaucoma progression
- d) Reduced contrast sensitivity, which may worsen functional vision in glaucoma