

IMAGE



# Infographic of primary trabeculectomy for advanced glaucoma study (TAGS)

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Pragmatic multicentre randomised controlled trial showed that primary trabeculectomy had similar quality of life and safety outcomes and achieved a lower intraocular pressure compared with primary medication in newly diagnosed advanced open-angle glaucoma.

MMC, Mitomycin C; VFQ-25, visual function questionnaire-25; EQ-5D-5L, EuroQol Group's 5 dimension 5-level health status questionnaire; HUI-3, health utility index mark 3; GUI glaucoma utility index; SITA, Swedish interactive threshold algorithm; QOL, quality of life; IOP, intraocular pressure.

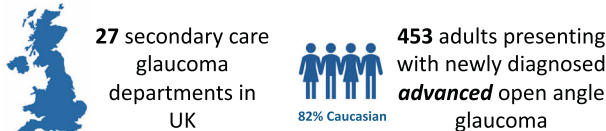
Reference to original article: King AJ, Hudson J, Fernie G, Kernohan A, Azuara-Blanco A, Burr J, et al. Primary trabeculectomy for advanced glaucoma: pragmatic multicentre randomised controlled trial (TAGS). *BMJ*. 2021; 373:n1014. <https://doi.org/10.1136/bmj.n1014>.

## PRIMARY TRABECULECTOMY FOR ADVANCED GLAUCOMA: PRAGMATIC MULTICENTRE RANDOMISED CONTROLLED TRIAL (TAGS)

Infographic created by C Fang, R G Mathew, C Henein

King AJ, Hudson J, Fernie G, Kernohan A, Azuara-Blanco A, Burr J et al. Primary trabeculectomy for advanced glaucoma: pragmatic multicentre randomised controlled trial (TAGS) *BMJ* 2021; 373:n1014 doi:10.1136/bmj.n1014

Advanced glaucoma at presentation is the biggest risk factor for lifetime blindness



Exclusion criteria

- High-risk of trabeculectomy failure e.g. previous conjunctival surgery, complicated cataract surgery
- Secondary glaucoma and primary angle-closure glaucoma

### AUTHOR CONTRIBUTIONS

CEHF drafted infographic, RGM reviewed final image, CH conceived infographic, drafted infographic and reviewed final image.

### COMPETING INTERESTS

The authors declare no competing interests.

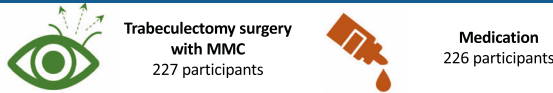
### ADDITIONAL INFORMATION

Correspondence and requests for materials should be addressed to C.H.

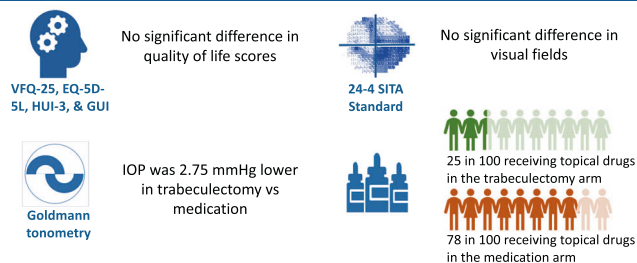
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### PRIMARY TRABECULECTOMY vs PRIMARY MEDICAL TREATMENT



### OUTCOMES AT 24 MONTHS FOLLOW-UP



	Trabeculectomy	Medical treatment
Adverse events	39 in 100	44 in 100
Requiring further intervention	11 in 100	1 in 100

Primary trabeculectomy had similar QOL and safety outcomes and achieved a lower IOP compared with primary medication

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