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Academy Express ฉบับวันที่ 24 April 2021

Extended ILM peeling yields higher closure rate for full thickness macular hole

Researchers compared 1- and 2-disc diameter conventional internal limiting membrane (ILM) peeling for large full thickness macular holes. The extended procedure led to a higher closure rate, particularly among patients with chronic full thickness macular holes for more than 6 months. However, visual outcomes were comparable in both groups. *Eye*, November 2020

<https://pubmed.ncbi.nlm.nih.gov/33159177/>

Academy Express ฉบับวันที่ 17 April 2021

IOP readings of edematous eyes appear to be lower with GAT than other tonometers

Researchers assessed IOP of 60 patients with corneal edema after phacoemulsification using 4 different tonometers. Pressure reading with Goldmann applanation tonometry (GAT) tended to be lower than those obtained by the other tonometers, particularly the Tono-Pen. Caution should be used when interpreting GAT IOP readings of edematous corneas, the authors conclude. *Journal of Glaucoma*, October 2020

<https://pubmed.ncbi.nlm.nih.gov/33137014/>

Academy Express ฉบับวันที่ 10 April 2021

Early surgery and amblyopia treatment should be considered for childhood glaucoma

This retrospective study identified prognostic factors for poor visual outcomes in 45 glaucomatous eyes of children 4 years or younger. Approximately 64% of eyes had poor visual acuity, often due to deprivation amblyopia. Prognostic factors for poor vision included secondary glaucoma, a diagnosis at 3 months or younger, and an interval of 3 months or longer before surgery. *Journal of Pediatric Ophthalmology & Strabismus*, September 2020

<https://pubmed.ncbi.nlm.nih.gov/32956477/>

Academy Express ฉบับวันที่ 3 April 2021

Endogenous endophthalmitis yields poor visual outcomes even after treatment

This retrospective study describes 29 eyes with endogenous endophthalmitis. The most common causative organism was *Streptococcus spp.* Positive vitreous cultures were significantly tied to unfavorable visual outcomes. Even with early treatment, the rate of evisceration and enucleation remained high. *Journal of Ophthalmology*, December 2020

<https://pubmed.ncbi.nlm.nih.gov/33489338/>