

January 2021

Academy Express ฉบับวันที่ 30 January 2021

**Some patients may benefit from using an eye drop guide for self-administering medication**

Researchers describe the usefulness of an eye drop guide device for self-administering glaucoma medication. After 4 to 6 months, approximately 19% of 57 patients used the guide everyday while 46% never used it. The findings suggest an eye drop guide is most effective for patients using only 1 medication administered in a standing or sitting position. *Clinical Ophthalmology*, November 2020

<https://pubmed.ncbi.nlm.nih.gov/33177804/>

Academy Express ฉบับวันที่ 23 January 2021

**Glycerin-preserved corneoscleral patch grafts effective for GDD implantation**

This study investigates outcomes for glycerin-preserved human-donor corneoscleral tissue as the patch graft for glaucoma drainage device (GDD) implantation. Among 102 glaucoma patients, the 5-year survival rate of the corneoscleral graft was 96%. The patch graft-related complications were comparable to other materials *Journal of Glaucoma*, November 2020

<https://pubmed.ncbi.nlm.nih.gov/32890110/>

Academy Express ฉบับวันที่ 16 January 2021

**CMET can lead to cornea-like epithelium in successful cases**

A 13-patient study suggests successful autologous cultivated oral mucosal epithelial transplantation (COMET) can lead to a predominant cornea-like epithelium at long-term follow-up. Failed cases had a mainly conjunctival phenotype. However, all eyes had evidence of oral mucosal epithelial cells. *Cornea*, October 2020

<https://pubmed.ncbi.nlm.nih.gov/33079916/>

Academy Express ฉบับวันที่ 9 January 2021

**Advanced stage presentation hinders effective management of retinoblastoma**

This retrospective study assessed whether new therapeutic approaches have improved clinical outcomes in patients with retinoblastoma in Thailand. Medical records of patients treated at a single hospital revealed that survival rates and globe-saving rates appear to have improved but advanced stage presentation remained the major obstacle. *Pediatric International*, October 2020

<https://pubmed.ncbi.nlm.nih.gov/33022851/>