

August 2021

Academy Express ฉบับวันที่ 28 Aug 2021

[Laser trabeculoplasty for glaucoma significantly reduces IOP](#)

The researchers evaluated the efficacy and predictive factors of success after selective laser trabeculoplasty (SLT) for treating various types of open-angle glaucoma. Results showed that IOP and glaucoma medication usage significantly decreased after SLT. Treatment success was tied to more than 10% elevation in IOP at 1 hour whereas systemic hypertension and baseline IOP were negative predictors of SLT success. *Clinical Ophthalmology*, March 2021.

<https://pubmed.ncbi.nlm.nih.gov/33776415/>

Academy Express ฉบับวันที่ 14 Aug 2021

[HPV infection is not tied to pterygium development](#)

This study assessed the role of human papillomavirus (HPV) in pterygium pathogenesis. Analysis of 116 study patients did not reveal transmission of HPV through autoinoculation from the genital tract. *Scientific Reports*, February 2021.

<https://pubmed.ncbi.nlm.nih.gov/33531557/>

Academy Express ฉบับวันที่ 7 Aug 2021

[Penetrating keratoplasty yields satisfactory outcomes in patients with Harboyan Syndrome](#)

In this study, researchers describe 8 patients from 7 families with Harboyan Syndrome. All patients with bilateral cloudy corneas at birth and 11 eyes underwent penetrating keratoplasty. The overall corneal graft survival rate was 73% and the average graft survival time was 95 months. Outcomes after the procedure were satisfactory and were not tied to mutations in SLC4A11, the authors conclude. *Journal of Human Genetics*, February 2021.

<https://pubmed.ncbi.nlm.nih.gov/32884076/>