

September 2021

Academy Express ฉบับวันที่ 18 Sep 2021

[Keratometric stability needed for 3 months after pterygium excision before additional procedures](#)

Clinical stability of keratometric parameters after pterygium surgery is essential in patients requiring consecutive procedures, such as cataract surgery. This prospective observational study enrolled 75 eyes from 75 patients undergoing pterygium excision. Patients were evaluated monthly for 6 months. Forty percent and 73.3% of eyes, respectively demonstrated corneal astigmatic and corneal keratometric stability at six months post-operation, while after 3 months of initial stability, 46.7% and 27.3% respectively. It is recommended that stability be achieved for at least three months before commencing with any additional procedures. *Clinical Ophthalmology*, March 2021. <https://pubmed.ncbi.nlm.nih.gov/33790535/>

Academy Express ฉบับวันที่ 11 Sep 2021

[Factors in visual outcome of open-globe injury repair by trainees](#)

The authors studied the visual outcomes of trainees in primary repair of open-globe injury (OGI) and associated factors of the results. Most of the 78 cases over a 10-year period were managed well by the trainees, with little assistance needed from subspecialists. Poor initial visual acuity was associated with high risk of visual loss while higher ocular trauma scores were inversely related to lower risk of evisceration/enucleation. *Clinical Ophthalmology*, March 2021. <https://pubmed.ncbi.nlm.nih.gov/33790529/>

Academy Express ฉบับวันที่ 4 Sep 2021

[Accuracy of CT and MRI for patients with retinoblastoma](#)

The authors assessed the diagnostic accuracy of magnetic resonance imaging and computed tomography for detecting the extent of tumor invasion in eyes with advanced retinoblastoma prior to enucleation. They concluded that CT showed poor diagnostic accuracy for four high-risk factors: scleral, choroidal, and anterior eye segment invasion, and post-laminar optic nerve invasion; and that MRI was moderately accurate for the latter. *Current Eye Research*, March 2021. <https://pubmed.ncbi.nlm.nih.gov/33752572/>