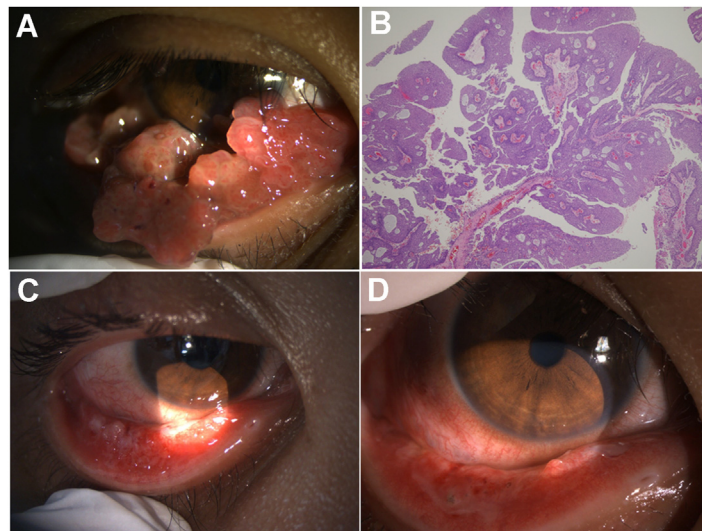


- meibomian gland dysfunction: a prospective, randomized, observer-masked trial. *Ocul Surf.* 2014;12:146–154.
12. Blackie CA, Coleman CA, Holland EJ. The sustained effect (12 months) of a single-dose vectored thermal pulsation procedure for meibomian gland dysfunction and evaporative dry eye. *Clin Ophthalmol.* 2016;10:1385–1396.
 13. Blackie CA, Coleman CA, Nichols KK, et al. A single vectored thermal pulsation treatment for meibomian gland dysfunction increases mean comfortable contact lens wearing time by approximately 4 hours per day. *Clin Ophthalmol.* 2018;12:169–183.
 14. Kasetsuwan N, Suwajanakorn D, Tantipat C, Reinprayoon U. The efficacy between conventional lid hygiene and additional thermal pulsatile system in meibomian gland dysfunction patients treated with long-term anti-glaucoma medications in a randomized controlled trial. *Clin Ophthalmol.* 2020;14:2891–2902.
 15. Zhao Y, Li J, Xue K, et al. Preoperative management of MGD with vectored thermal pulsation before cataract surgery: a prospective, controlled clinical trial. *Semin Ophthalmol.* 2021;36:2–8.
 16. Park J, Yoo YS, Shin K, et al. Effects of lipiflow® treatment prior to cataract surgery: a prospective, randomized, controlled study. *Am J Ophthalmol.* 2021;230:264–275.
 17. Mencucci R, Mercuri S, Cennamo M, et al. Efficacy of vector thermal pulsation treatment in reducing post-cataract surgery dry eye disease in patients affected by meibomian gland dysfunction. *J Cataract Refract Surg.* 2023;49(4):423–429.
 18. Zhao Y, Veerappan A, Yeo S, et al. Clinical trial of thermal pulsation (LipiFlow®) in meibomian gland dysfunction with pretreatment meibography. *Eye Contact Lens.* 2016;42:339–346.
 19. Zhao Y, Xie J, Li J, et al. Evaluation of monocular treatment for meibomian gland dysfunction with an automated thermodynamic system in elderly Chinese patients: a contralateral eye study. *J Ophthalmol.* 2016;2016:9640643. <https://doi.org/10.1155/2016/9640643>. Epub 2016 Dec 27.
 20. Li B, Fu H, Liu T, Xu M. Comparison of the therapeutic effect of meibomian thermal pulsation LipiFlow® on obstructive and hyposecretory meibomian gland dysfunction patients. *Int Ophthalmol.* 2020;40:3469–3479.

Pictures & Perspectives



Successfully Treated Giant Conjunctival Papilloma

An 18-year-old man presented with enlarging masses in his right eye for months. Anterior segment examination revealed multiple pedunculated lesions extending the lower palpebral conjunctiva without corneal involvement (A). The fellow eye was uninvolved. We performed excisional biopsy combined with cryotherapy and injected interferon α -2a (IFN- α 2a) in subconjunctival space during the operation. The histopathological examination revealed papillary, well-differentiated, acanthotic nonkeratinized squamous epithelial cells with fibrovascular cores, which was compatible with conjunctival papilloma (B). After excision (C), we kept topical IFN- α 2a 4 times daily for 2 months. Three years later, no recurrence developed (D). (Magnified version of Figure A-D is available online at www.aaojournal.org).

CHIUNG JU HSU, MD¹

CHEN CHANG, MD²

YI HSUN HUANG, MD, PhD¹

¹Department of Ophthalmology; ²Department of Pathology, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan