

Allergic Conjunctivitis

CHI Formulary Treatment algorithm

Treatment algorithm- October
2023

Supporting treatment algorithms
for the clinical management of
Allergic Conjunctivitis

Figure 1 outlines the treatment of Allergic Conjunctival Diseases. *Figure 2* outlines the treatment stepladder of Vernal keratoconjunctivitis aimed at addressing the different lines of treatment after thorough review of medical and economic evidence by CHI committees.

For further evidence, please refer to CHI **Allergic Conjunctivitis** full report. You can stay updated on the upcoming changes to our formulary by visiting our website at <https://chi.gov.sa/AboutCCHI/CCHIprograms/Pages/IDF.aspx>

Our treatment algorithm offers a robust framework for enhancing patient care and optimizing treatment outcomes across a range of treatment options, holding great promise for improving healthcare delivery.

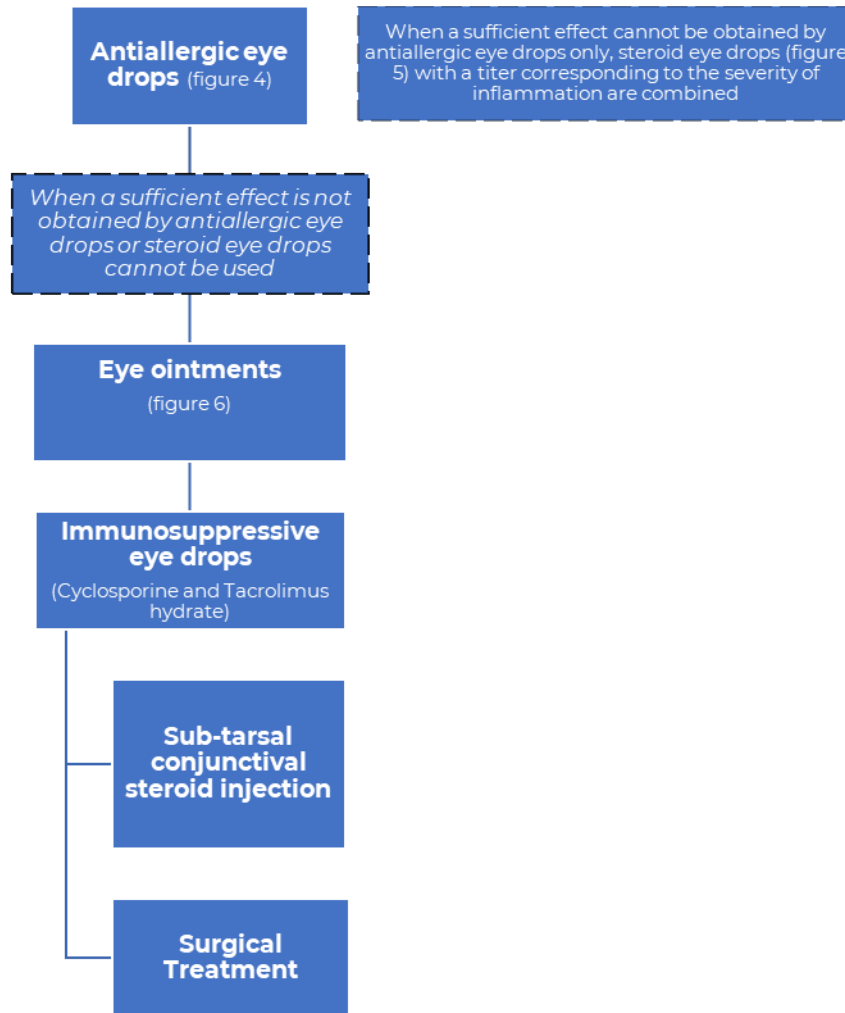


Figure 1. Treatment of Allergic Conjunctival Diseases (ACDs).

- Japanese guidelines for allergic conjunctival diseases 2020. Allergology International. For the level of evidence and details on the figures in the algorithm, please refer to the full report.

Mild	Moderate	Severe
<ul style="list-style-type: none"> • Exposure avoidance/cold compresses • Topical dual-action agents (mast-cell stabilizers, topical antihistamines) • (Ocular lubricants, unless other simultaneous high-frequency treatment) • Oral antihistamines, if indicated if child is already receiving, can be continued 	<ul style="list-style-type: none"> • Short pulses of topical steroids • Topical calcineurin inhibitors (e.g. ciclosporin A) 	<ul style="list-style-type: none"> • High-frequency/high potency topical steroids • Mucolytic (acetylcysteine) • Surgery, including supratarsal steroid injection • Oral steroids: 3 days max (e.g. prednisolone) • Systemic biologicals/calcineurin inhibitors

Figure 2. Treatment stepladder for vernal keratoconjunctivitis (VKC).

- Management of Vernal Keratoconjunctivitis in Children in the United Kingdom: A Review of the Literature and Current Best Practice Across Six Large United Kingdom Centers. J Pediatr Ophthalmol Strabismus. 2023. For the level of evidence and details, please refer to the full report.