

Topical cyclosporine A 0.05% for recurrent anterior uveitis.

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Abstract

AIM:

To evaluate the effectiveness of treatment with cyclosporine A 0.05% eye drops in reducing frequency and severity of recurrences in patients with recurrent anterior uveitis.

METHODS:

A retrospective case-crossover study was conducted by reviewing medical charts of patients treated for recurrent anterior uveitis between 2002 and 2011 at the Kellogg Eye Center by one cornea specialist. We identified patients who had been treated with topical cyclosporine A 0.05% and recorded data regarding demographics, episodes of anterior uveitis, severity of episodes and treatment modalities before and after initiation of cyclosporine A 0.05%.

RESULTS:

Eight patients were identified as having been treated with topical cyclosporine 0.05% in addition to standard treatment with an average follow-up of 54.9±33.9 months (range: 28-143 months). The patients had statistically significant fewer episodes of anterior uveitis, shorter duration of episodes and fewer total days of inflammation per year while on topical cyclosporine 0.05%.

CONCLUSIONS:

This study showed improvement of recurrent anterior uveitis in patients while on conventional treatment with cyclosporine A 0.05% compared with conventional treatment alone.

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KEYWORDS:

Immunology; Inflammation; Treatment Medical