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Service (sector) Cornea and External Disease N° CEP

ANTERIOR STROMAL PUNCTURE IN BROWN-McLEAN SYNDROME

Vagner T. Orlando Filho, Elisabeth N. Martins MD, Lênio S. Alvarenga MD, José Álvaro P. Gomes MD, Luciene B. Sousa and Denise de Freitas MD. Purpose: To describe two cases of Brown-McLean syndrome with symptomatic corneal edema successfully treated with anterior stromal puncture.

Methods: Interventional case reports and literature review.

Results: Ophthalmologic examination showed a peripheral edema and aphakia in both patients. They underwent anterior stromal puncture in an attempt to control the severe foreign body sensation. The procedure proved to be effective over a long-term follow-up.

Conclusions: Peripheral anterior stromal puncture may be considered an effective therapeutic option for patients with symptomatic Brown-McLean syndrome.