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Case Report

Efficacy of Tocilizumab in Two Patients with anti-TNF-alpha Refractory Uveitis

Aurore Muselier, Philip Bielefeld , Samuel Bidot, Julien Vinit, Jean-François Besancenot & Alain Bron

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Abstract

Purpose: To report on two patients with refractory uveitis treated with tocilizumab; a new humanized monoclonal antibody against the interleukin-6 receptor (IL-6R).

Design: Retrospective interventional case series.

Methods: Both patients received a monthly infusion of tocilizumab 8 mg/kg; associated with corticosteroids. Outcome measures were visual acuity and central retinal thickness evaluated with optical coherence tomography.

Results: An improvement in visual acuity and a decrease in macular edema were observed in these two patients.

Conclusions: Tocilizumab seems to be a promising treatment in refractory uveitis. A prospective study is needed to evaluate the role of this new agent in the management of refractory uveitis.

Keywords::

Immunosuppressive therapy Refractory uveitis Tocilizumab Uveitis

Declaration of interest: The authors report no conflicts of interest. The authors alone are responsible for the content and writing of the paper.

Related Research Data

[Clinical Review: Anti-TNF \$\alpha\$ Therapies in Uveitis: Perspective on 5 Years of Clinical Experience](#)

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[The role of cytokines in the regulation of ocular autoimmune inflammation](#)

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