

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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Service (sector) Uveitis and AIDS N° CEP

USE OF INTRAVITREAL METHOTREXATE IN SEVERE NON-INFECTIOUS POSTERIOR UVEITIS- PILOT STUDY

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Purpose: to investigate the use of intravitreal Methotrexate (MTX) injection (0,4mg/ 0,1ml) in severe non-infectious posterior uveitis.

Methods: prospective study, including four patients (five eyes) with severe posterior uveitis, that had presented resistance with systemic corticosteroids treatment. These patients underwent intravitreal MTX injection (0,4mg/0,1ml) and the improvement in the intraocular inflammation and in the visual acuity were posteriorly analysed. **Result:** none of the patients presented increase in the intraocular pressure or endophthalmitis sign. There was good tolerance and important improvement of inflammatory process followed of progressive improvement in the visual acuity. The diagnosis of the analysed patients were: intermediate uveitis (one patient), Vogt- Koyanagi-Harada syndrom (two patients) and retinal vasculitis (one patient). **Conclusion:** intravitreal MTX injection seems to be a safe and promising drug for the treatment of severe intraocular inflammation and its complications. Here in we presented the initial datas of a pilot study. A longer follow up, with a higher number of patients, still needs to be investigated.