

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo PIBIC

Last Name - Furtado
First Name - Wanessa
Middle - Carneiro

Service (sector)
Neuro-Ophthalmology

Nº CEP
20071024120410

**Postoperative and secondary anterior ischemic optic neuropathy:
comparison with the spontaneous type**

Carneiro WF, Cariello AJ, Imamura P

Purpose: To compare the characteristics of patients who develop non-arteritic anterior ischemic optic neuropathy (NAION) following specific precipitating factors to those who develop NAION spontaneously and in the postoperative time.

Methods: It was performed a retrospective chart review of all patients who were examined at Neuro-ophthalmology service of UNIFESP, from 1999 to 2006 and detected charts of patients diagnosed with anterior ischemic optic neuropathy (AION) and separated the non-arteritic from arteritic.

The diagnosis of NAION was done if it was present, at least, three of the following: Sudden and painless decrease in vision, characteristic visual field defect, relative afferent pupillary defect, optic disc edema in the acute phase or optic disc pallor, if more than six weeks.

The following data were recorded: Gender, age, chief complaint, if unilateral or bilateral, associated systemic diseases, previous ocular and systemic surgeries, complete ophthalmic examination, initial visual field description, done by an experienced ophthalmologist, image exams and other ancillary test results. The prevalence of NAION known risk factors (hypertension, diabetes mellitus, hypercholesterolemia, smoking, cardiovascular diseases and vascular conditions) was compared between the three groups using a medical statistical software.

Results: In progress

Conclusions: In progress

