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**Title: Visual Field Assessment in Graves Ophthalmopathy**

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**Purpose:** To evaluate the visual field and exophthalmometry in patients with graves ophthalmopathy

**Methods:** A retrospective study of files from patients with graves ophthalmopathy assisted in Orbit Section (UNIFESP), between 2003 and 2004, according to age, visual acuity, intraocular pressure, biomicroscopy, indirect ophthalmoscopy, exophthalmometry and computerized perimetry (Humphrey program 30-2).

**Results:** Fifty-seven patients with graves disease (38 females and 19 males), mean age 42, 8 range 21 to 73 years. Fourteen (24, 5%) were excluded from the latter analysis, who did not respond adequately at computerized perimetry. Fundus examination were normal in all patients. Thirty-four patients (59, 6%) analysis showed visual field defect (Group A) and nine patients (15, 7%) were normal (Group B). In group A most common visual acuity measured was 0,8 (range 0,1 to 1,0),IOP average 15,6 mmHg and mean exophthalmometry was 23,5 mm (range 17 to 34mm) In Group B visual acuity was 0, 9 (range 0,2 to 1,0), IOP average 14,2 mmHg and mean exophthalmometry 21,75 mm (range 16 to 27 mm ) in both eyes.

**Conclusions:** The variations on graves ophthalmopathy visual field are more frequently in patients with a higher exophthalmometry independently of intraocular pressure and fundus examination.