

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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To analyse the glicosaminoglicans (GAGs) urine excretions in patients with Grave's Ophthalmopathy (GO) and correlate it with ophthalmic activity.

Methods : Practical microeletrophoresis technique was used to analyse concentration of GAGs from first urine samples obtained in the from 152 patients with GO. Samples were obtained from first urine of the day. Patients were classified according Clinical Activity Score (CAS) for GO and compared with 138 normal subjects.

Results: Urinary GAGS measurements have shown that patients with active eye disease with $CAS \geq 3$ have at least twice higher values than those patients with inactive disease ($CAS \leq 2$), 8.4 ± 2.7 versus $4.1 \pm 1.3 \mu\text{g}/\text{mg}$. The cut off point of $6.0 \mu\text{g}/\text{mg}$ creatinine found was 81.5 and 91.2 % of sensitivity and specificity, respectively. **Conclusion:** Urinary GAGs measurement is a easy to use, fast, sensible and reliable test for the assessment of ocular activity in Graves'disease.