

# Cerebrospinal Fluid Pressure in Glaucoma A Prospective Study.

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**PURPOSE:** To assess whether a low cerebrospinal fluid pressure (CSF-P) is associated with open-angle glaucoma in eyes with normal intraocular pressure (IOP) .

**DESIGN:** Prospective, interventional study.

**PARTICIPANTS:** The study included 43 patients with open-angle glaucoma (14 with a normal IOP, and 29 with an elevated IOP) and 71 subjects without glaucoma.

**INTERVENTIONS:** All patients underwent standardized ophthalmologic and neurologic examinations and measurement of lumbar CSF-P.

**MAIN OUTCOME MEASURES:** Cerebrospinal fluid pressure and IOP.

**RESULTS:** Lumbar CSF-P was significantly (P<0.05) lower in patients with open-angle glaucoma compared with those without glaucoma. (FINANCIAL DISCLOSURES: The authors have no proprietary or commercial interest in any of the materials discussed in this article.

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