

R1  R2  R3  PG0  PG1  Estagiário  Tecnólogo  PIBIC

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Service (sector)

Retina and Vitreous

Nº CEP

### **Ocular Abnormalities in Genetically Deaf People**

Author: Chen, J.; Sallum, J.M.F.; Longhitano, S.B.; Brunoni, D.;

Purpose: In order to verify the prevalence of ocular abnormalities in patients who are deaf by genetic cause, this study presents the visual assessment of 97 deaf patients.

Methods: 97 patients with definite or suspected diagnosis of congenital and genetic deaf due to underwent a complete ophthalmologic evaluation, ten patients were excluded.

Results: 42 (48.28%) patients presented one or more ocular abnormalities, 22(25.29%) patients presented several abnormalities and clinical manifestations of established genetic diseases.

Conclusion: The ocular abnormalities may be the one clinical manifestations associated with deafness. Therefore the ophthalmologic examination is a helpful tool for the etiological diagnosis of deafness.