

R1  R2  R3  PG0  PG1  Estagiário  Tecnólogo  PIBIC

Last Name -

First Name -

Middle -

Service (sector)

Pathology

Nº CEP

### **Pars Plane Cysts in Eye Bank Eyes**

Author: (Souza Filho, J.P., Neusteim, I., Dias <sup>a</sup>B., Belfort R., Martins M.C.)

Purpose: To determine the frequency of pars plane cysts in eye bank eyes and to observe the association with peripheral retinal alterations.

Methods: A random series of 126 eyes from 69 individuals obtained from eye banks in the state of São Paulo - Brazil from July to October 2000 was studied. The eyes were opened horizontally and examined to observe macroscopically the presence of pars plane cysts. The eyes with cysts were correlated with the presence of peripheral retinal alteration and all the eyes submitted to histopathologic evaluation.

Results: Of a total of 126 eyes pars plane cysts in 18 eyes (14.2%) from 13 individual. The cysts were bilateral in 5 cases. The peripheral cystoids degeneration were observed noted in 18 eyes (100%), peripheral chorioretinal atrophy was present in 7 eyes (38.8%), 2 eyes (11.1%) presented peripheral holes.

Conclusion: The frequency of pars plane cysts in eye bank eyes was 13.4% and all the 15 eyes with cysts were associated with peripheral retinal alterations.