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Service (sector) Retina and Vitreous N° CEP

R1  R2  R3  
 PG  Estagiário  Tecnólogo

\_\_Mendaña\_\_ \_\_Luciana\_\_ \_\_Garrido\_\_ Last  
Name First Middle

Retina and Vitreous \_\_\_\_\_ Service (setor)

### **Giant Extra-Papillary Pit And Secondary Macular Complications**

L.G.S., Mendaña; F.B., Aggio; R.A., Costa; M.L.R., Monteiro and M.E., Farah  
Purpose: To report a unique giant extra-papillary pit and secondary macular complications

**Methods:** Observational case report. Fundus biomicroscopy, fluorescein angiography, automated perimetry and OCT3 findings in a 50-year-old patient who presented with a giant extra-papillary pit and secondary macular complications were evaluated.

**Results:** A large oval-shaped depression outside the disc margins was located in the superotemporal peripapillary region, with two cilioretinal vessels emerging from its borders and a transparent, contiguous elevation of the macula. Fluorescein angiography revealed inicial hypofluorescence and late staining within the pit, as well as a delineated late hyperfluorescence corresponding to the area of macular elevation. Automated perimetry demonstrated relative central scotoma and enlarged blind spot OS. Signs of two distinct communications between the choroidal layers within the pit and the neurosensory retina were elicited on OCT3 examination, one of them also connected with the vitreous cavity. Other OCT3 findings were schisislike degeneration, macular serous detachment and tractional elevation of the pigment epithelium.

**Conclusions:** This case presents new findings in optic pit and secondary maculopathy. It illustrates the multiform nature of pits and may lend further insight into the pathomecanisms of macular involvement in such anomaly.