



A case of spontaneous resolution of PAEM in a patient with PCV



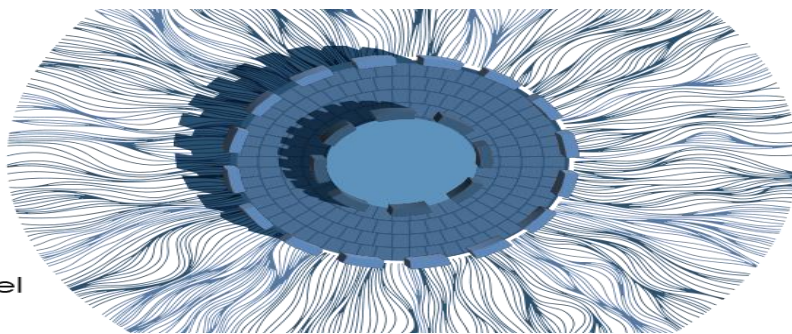
Rouvas Alexandros¹, Theodossiadis Panagiotis¹, Georgalas Ilias², Gouliopoulos Nikolaos¹

¹ 2nd Department of Ophthalmology, Medical School of University of Athens, Athens, Greece

² 1st Department of Ophthalmology, Medical School of University of Athens, Athens, Greece

30 Μαΐου έως
1 Ιουνίου 2024

Θεσσαλονίκη
Makedonia Palace Hotel



57%

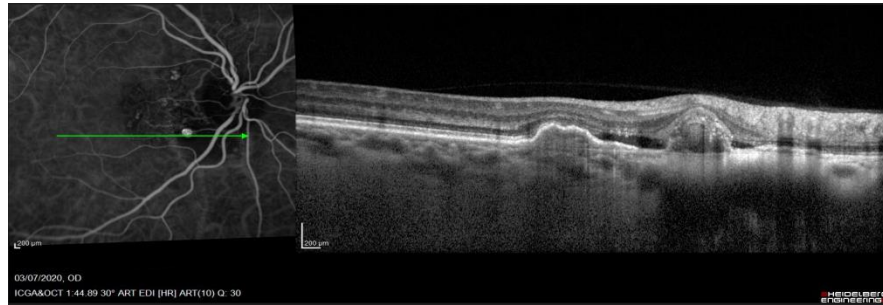
Πανελλήνιο
Οφθαλμολογικό
Συνέδριο

PURPOSE

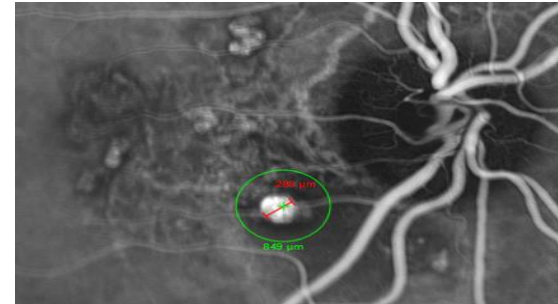
Photodynamic therapy (PDT) induced acute exudative maculopathy (PAEM) is a rare complication of PDT, which is identified by the development of **massive subretinal sero-fibrinous exudation** after the application of PDT. Herein, we present a case of PAEM in a patient suffering from polypoidal choroidal vasculopathy (PCV).

CASE PRESENTATION

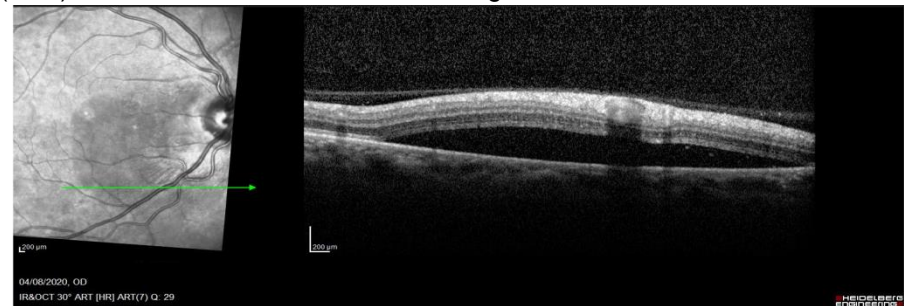
A PDT session was applied in a 60-year-old woman for the treatment of an activated PCV lesion.



The **treatment spot** was small (850μm) and was targeted **only** against the polypoidal **lesion** and not the surrounding vascular network.

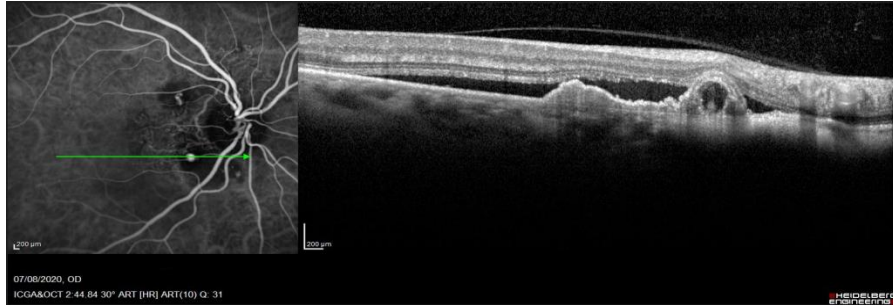


Three days later she presented complaining for severe visual impairment (2/10) and the clinical examination set diagnosis of PAEM.

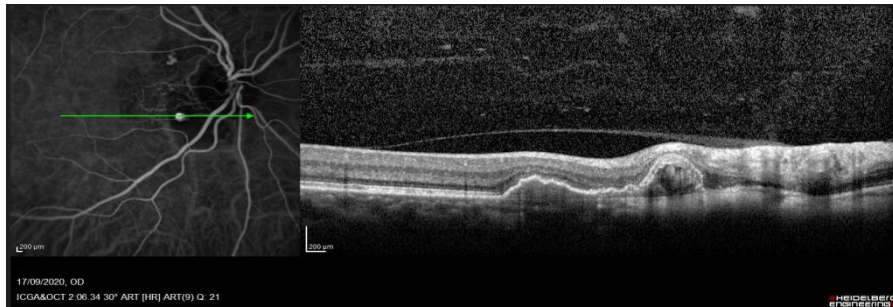


CASE PRESENTATION

Further examinations **three days later** demonstrated that **subretinal fluid had regressed**.



No treatment was applied and the patient's clinical status was monitored. A new evaluation **after six weeks**, revealed the **complete resolution of the exudative phenomena** and the **significant improvement of vision (8/10)**.



CONCLUSIONS

We report a rare case of **PAEM** that developed following the application of **PDT** with a small target spot, highlighting that **the exudative phenomena resolved spontaneously**.