



# Spontaneous resolution of PDT induced acute exudative maculopathy in a patient suffering from PCV



*Rouvas Alexandros<sup>1</sup>, Theodossiadis Panagiotis<sup>1</sup>, Georgalas Ilias<sup>2</sup>, Gouliopoulos Nikolaos<sup>1</sup>*

*<sup>1</sup> 2<sup>nd</sup> Department of Ophthalmology, Medical School of University of Athens, Athens, Greece*

*<sup>2</sup> 1<sup>st</sup> Department of Ophthalmology, Medical School of University of Athens, Athens, Greece*

19ο ΠΑΝΕΛΛΗΝΙΟ ΣΥΝΕΔΡΙΟ  
ΥΑΛΟΕΙΔΟΥΣ - ΑΜΦΙΒΛΗΣΤΡΟΕΙΔΟΥΣ

1-3 ΦΕΒ. 2024

Μέγαρο  
Συνεδριακό Κέντρο  
Αθηνών



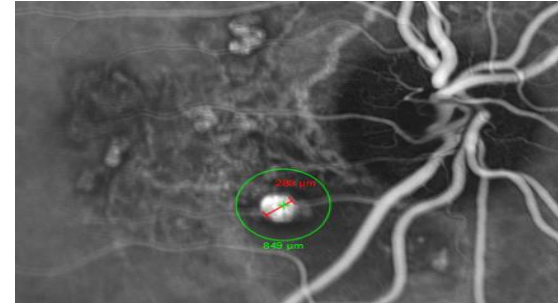
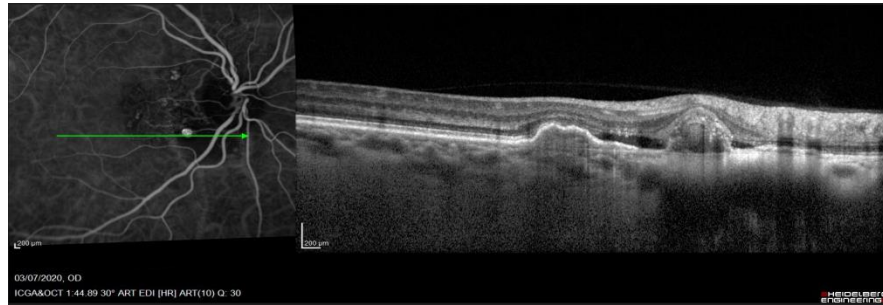
GVRS 2024

## 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** following the treatment. Herein, we present a case of PAEM in a patient suffering from polypoidal choroidal vasculopathy (PCV).

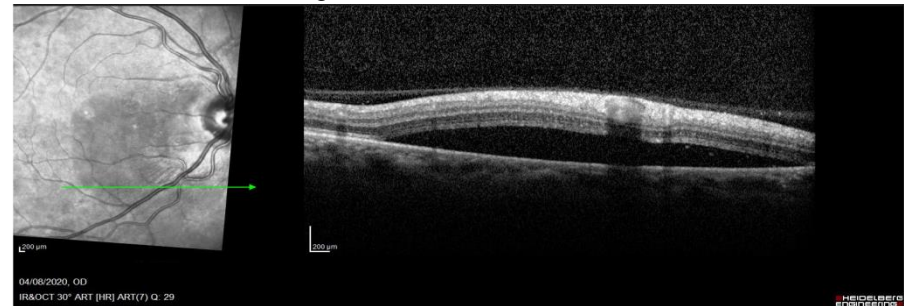
## CASE PRESENTATION

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



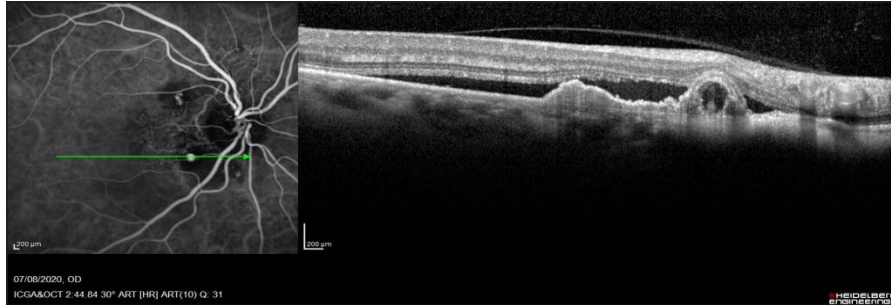
Three days later she complained for severe visual impairment and the clinical examination set diagnosis of PAEM.

The **treatment spot** was targeted **only** against the **lesion** and not the surrounding vascular network.

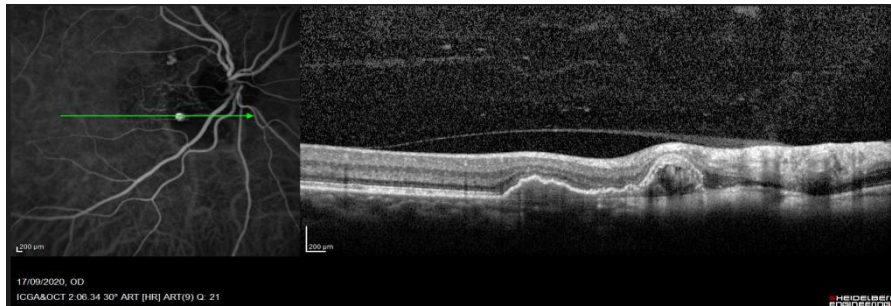


## CASE PRESENTATION

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**.



## CONCLUSIONS

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