



Complete resolution of exudative phenomena in the fellow untreated eye after an aflibercept injection in wet AMD, a case report



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

19ο ΠΑΝΕΛΛΗΝΙΟ ΣΥΝΕΔΡΙΟ
ΥΑΛΟΕΙΔΟΥΣ - ΑΜΦΙΒΛΗΣΤΡΟΕΙΔΟΥΣ

1-3 ΦΕΒ. 2024

Μέγαρο
Συνεδριακό Κέντρο
Αθηνών



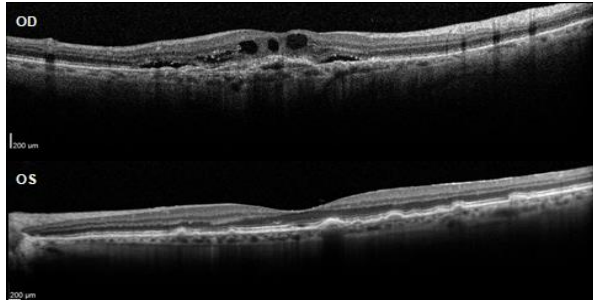
GVRS 2024

PURPOSE

To present a case of a patient suffering from **bilateral wet age-related macular degeneration (AMD)** who was treated with **intravitreal aflibercept injections (IAIs)** in the **one eye** and the **disease status in the contralateral untreated eye improved following an IAI**.

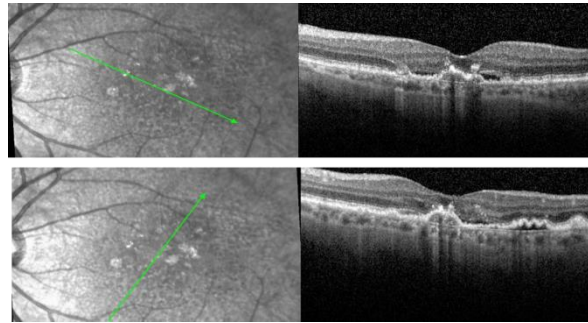
CASE PRESENTATION

Our patient was a 72-year-old woman suffering **wet and dry AMD in the right (OD) and left (OS) eye**, respectively.

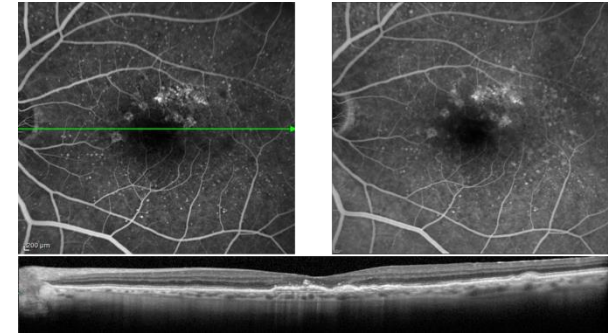


In OD, 3 monthly IAIs were applied, followed by re-injections according-to-need, while a complete ocular examination, including optical coherence tomography (OCT) scans, was performed before every IAI.

One month after the second IAI, **subretinal fluid was detected in OS**.



A week later, the **third IAI** was applied in OD and 2 days later fluorescein angiography and OCT scans were performed to assess the disease status in OS. Surprisingly, **no subretinal fluid** was detected in OS and **no leakage** was identified in fluorescein angiography, suggesting that an **active choroidal neovascularization was absent**.



Taking into account the **short interval** between the **IAI** and the **resolution of exudative phenomena in the other eye**, it is plausible to suggest that the **IAI had a curative effect in the contralateral eye**.

CONCLUSIONS

Herein, we demonstrated that aflibercept efficiently enters the systemic circulation after an IAI, having an effect on the fellow eye. To the best of our knowledge an effect of aflibercept in the fellow eye in a case of wet AMD has not been described previously in the literature.

COMPLETE RESOLUTION OF SUBRETINAL FLUID OF THE FELLOW EYE AFTER AFLIBERCEPT INJECTION IN WET AGE-RELATED MACULAR DEGENERATION

Rouvas, Alexandros PhD¹; Theodossiadis, Panagiotis PhD¹; Georgalas, Ilias PhD²; Gouliopoulos, Nikolaos PhD^{1,*}

Retinal Cases & Brief Reports (>):10.1097/ICB.0000000000001515, November 07, 2023. | DOI: 10.1097/ICB.0000000000001515

