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## Anti- VEGF treatment in neovascular Age-related macular degeneration (AMD). 'Real life' data in 10 years practice

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**Purpose:** Evaluation of 10 years results in visual acuity (VA) and central macular thickness (CMT) in patients with neovascular age-related macular degeneration (AMD) in 'real life' practice.

**Material and methods:** This is a retrospective study including 417 patients treated with intravitreal anti-Vegf injections the last 10 years that the specific treatment was introduced as first line treatment for wet AMD. VA and CMT were recorded using SLO-OCT prior to initiation of therapy and at the last follow-up visit of each patient as long as the total number of injections applied. The treatment protocol was PRN with monthly patients' examination.

**Results:** The follow-up period was up to 10 years. Visual acuity at the last follow-up was improved in 157 (38%), remained stable in 126 (30%) and worsened in 134 (32%). The mean change in CMT was approximately  $178 \pm 41 \mu$ . The total number of injections was 2689. We had 1 case of endophthalmitis responded very well in treatment with no other major side effects or other complications (local or systemic) after the injections.

**Conclusion:** Intravitreal anti-Vegf injections seem to be, as indicated by 'real life' practice data, an effective and safe therapy for the treatment of wet AMD, contributing mostly in preservation of patient's VA.

### Biography

Doukas Dardampounis was born in Alexandroupolis, Greece, 1-2-1965. Degree in medicine (Aristotelian University of Thessaloniki) in 1988. Specialty in Ophthalmology in 1998. Consultant of Ophthalmology in university hospital of Alexandroupolis, Thrace since 2001. Head of medical retina unit of the Ophthalmology department, Democritus university of Thrace, University hospital of Alexandroupolis, since 2003. He is a president of the Ophthalmological society of Thrace, Eastern macedonia & North Aegean Islands, Greece since December 2017.

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