

8th Global Ophthalmology Meeting

July 18-19, 2016 Chicago, USA

An unusual retinal arterial malformation

Ibrahim Kocak

Medipol University School of Medicine, Turkey

Background: An unusual retinal arterial malformation is presented in this case report.

Case presentation: A 50-years-old female with no significant past medical history, presented with an unusual retinal arterial malformation without any vision loss in the right eye. Inferior temporal retinal artery had a corkscrew like looping and extension to vitreous cavity at its emerging site from optic disc. Fundus fluorescein angiography confirmed its arterial source. Optical coherence tomography and cranial magnetic resonance imaging showed normal findings.

Conclusions: Ophthalmologic findings were not consistent with well-known retinal vascular malformations like Wyburn-Mason syndrome or retinal macro vessels. The clinical presentation can be classified in a very rare group of congenital malformation termed as prepapillary vascular loops.

Biography

Ibrahim Kocak has completed his PhD from Istanbul University and Post-doctoral studies from Istanbul Training Hospital and Medipol University School of Medicine. He is an Assistant Professor in Ophthalmology Department of Medipol University, mostly associated with vitreoretinal surgery. He has published over 20 papers in medical journals.

ibrahimkocak@msn.com

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