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## Optical Coherence Tomography Findings in a Case of Unilateral Acute Idiopathic Maculopathy

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### ABSTRACT

**Purpose:** To describe the clinical, angiographic, and Optical Coherence Tomography (OCT) findings in a patient with Unilateral Acute Idiopathic Maculopathy (UAIM) and to discuss a possible pattern of OCT findings in patients with this disease. **Methods:** Case report. **Results:** A 34-year-old man with UAIM was evaluated. During the acute phase fundus examination revealed a yellow thickening in the macular area of the right eye, Fluorescein Angiography (FA) showed early alternating patches of hypofluorescence and hyperfluorescence and late hyperfluorescence and OCT showed thickening of the outer retina in the foveal zone. Six weeks later, the macula had pigmentary mottling, FA showed an area of central hypofluorescence surrounded by a hyperfluorescent ring that remained unchanged during the angiogram and the OCT examination was normal. **Conclusion:** OCT is a useful diagnostic tool for UAIM. OCT evaluation of patients with this disease will exhibit the heterogeneous hyperreflectivity and thickening of the outer retina and Retinal Pigment Epithelium (RPE). A serous macular detachment may not be a prominent finding in UAIM.

### KEYWORDS

Unilateral Acute Idiopathic Maculopathy; Optical Coherence Tomography

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### References

- [1] L. A. Yanuzzi, L. M. Jampol, M. F. Rabb, J. A. Sorenson, C. Beyrer and L. M. Wilcox, " Unilateral Acute Idiopathic Maculopathy," *Archives of Ophthalmology*, Vol. 109, No. 10, 1991, pp. 1411-1416. doi:10.1001/archoph.1991.01080100091049
- [2] K. B. Freund, L. A. Yanuzzi, G. R. Barile, R. F. Spaide, S. A. Milewski and D. R. Guyer, " The Expanding Clinical Spectrum of Unilateral Acute Idiopathic Maculopathy," *Archives of Ophthalmology*, Vol. 114, No. \*, 1996, pp. 555-559. doi:10.1001/archoph.1996.01100130547007
- [3] A. P. Beck, L. M. Jampol, D. A. Glasser and J. S. Pollack, " Is Coxsackie-virus the Cause of Unilateral Acute Idiopathic Maculopathy," *Archives of Ophthalmology*, Vol. 122, No. 1, 2004, pp. 121-123. doi:10.1001/archoph.122.1.121
- [4] N. G. Ghazi, A. Daccache and B. P. Conway, " Acute Idiopathic Maculopathy. Report of a Bilateral Case Manifesting a Macular Hole," *Ophthalmology*, Vol. 114, No. 5, 2007, pp. e1-e6. doi:10.1016/j.ophtha.2006.08.055
- [5] A. Gupta, S. Rogers and B. N. Matthews, " Unilateral Acute Idiopathic Maculopathy," *British Journal of Ophthalmology*, Vol. 93, No. 8, 2009, pp. 1073-1074. doi:10.1136/bjo.2008.140335
- [6] H. Xu and P. Lin, " Unilateral Recurrent Acute Idiopathic Maculopathy," *Graefe' s Archive for Clinical and Experimental Ophthalmology*, Vol. 249, No. 6, 2011, pp. 941-944. doi:10.1007/s00417-010-1589-1

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- [7] H. Haruta, M. Sawa, Y. Saishin, N. Ohguro and Y. Tano, " Clinical Findings in Unilateral Acute Idiopathic Retinopathy. New Findings in Acute Idiopathic Maculopathy," International Ophthalmology, Vol. 30, No. 2, 2010, pp. 199-202. doi:10.1007/s10792-009-9299-6
- [8] F. B. Aggio, M. E. Farah, R. L. Meirelles and E. C. de Souza, " Stratusoct and Multifocal ERG in Unilateral Acute Idiopathic Maculopathy," Graefe' s Archive for Clinical and Experimental Ophthalmology, Vol. 244, No. 4, 2006, pp. 510-516. doi:10.1007/s00417-005-1172-3
- [9] M. A. de la Fuente and R. Cuadrado, " Unilateral Acute Idiopathic Maculopathy: Angiography, Optical Coherence Tomography and Microperimetry Findings," Journal of Ophthalmic Inflammation and Infection, Vol. 1, No. 3, 2011, pp. 125-127. doi:10.1007/s12348-010-0014-6
- [10] S. Ooto, M. Hangai and N. Yoshimura, " Photoreceptor Restoration in Unilateral Acute Idiopathic Maculopathy on Adaptive Optics Scanning Laser Ophthalmoscopy," Archives of Ophthalmology, Vol. 129, No. 12, 2011, pp. 1633-1635. doi:10.1001/archophthalmol.2011.345