UNILATERAL INTRARETINAL CYST, A RARE OCT FINDING IN ACUTE POSTERIOR MULTIFOCAL PLACOID PIGMENT EPITHELIOPATHY: CASE REPORT
O. Kuru, B. Erden, O. Cekic, M. Elcioglu
Istanbul, Turkey

Aim: To exhibit a case of APMPPE with a unilateral large intraretinal cyst found at OCT examination. 

Findings: 31 year old female patient was referred to our retina department with sudden onset decreased vision at her left eye. There was no history of systemic disease, viral prodrome or drug usage. Her right eye BCVA was 1,0 and left eye 0,2 in Snellen lines. Intraocular pressures were 14 mmHg OD, 13 mmHg OS. At her biomicroscopy there was no anterior chamber reaction in both eyes. Fundus examination revealed macular elevation and multiple deep-set yellowish placoid lesions at her left eye, the right eye was normal. In fundus fluorescein angiography (FFA) early fluorescence blockage and late staining was demonstrated at the placoid lesions. At SD OCT examination a large intraretinal cyst in the outer nuclear layer was shown in her left macula. In her blood tests and cranial MRI , no pathology was found. Patient was followed as a APMPPE case closely. At first week visit, BCVA at her left eye was 0,2 lines, at fundoscopy placoid lesions and at OCT intraretinal cystic fluid collection were regressing. At her 3th week visit her left eye’s BCVA increased to 0,9 lines and at OCT intraretinal fluid was regressed totally. At fundus examination placoid lesions turned to RPE changes , at FFA, at lesions hiperfluorescence was found in early and late phases with atrophic changes of the RPE. 

Conclusion: Intraretinal cystic fluid collection can be found in APMPPE and does not affect the prognosis.