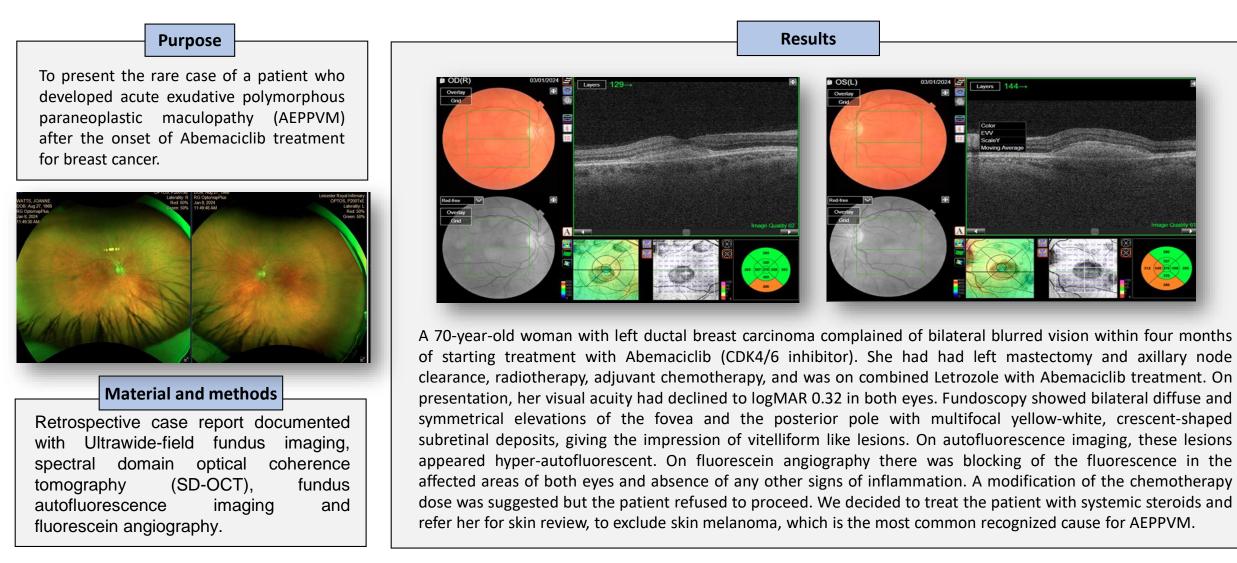
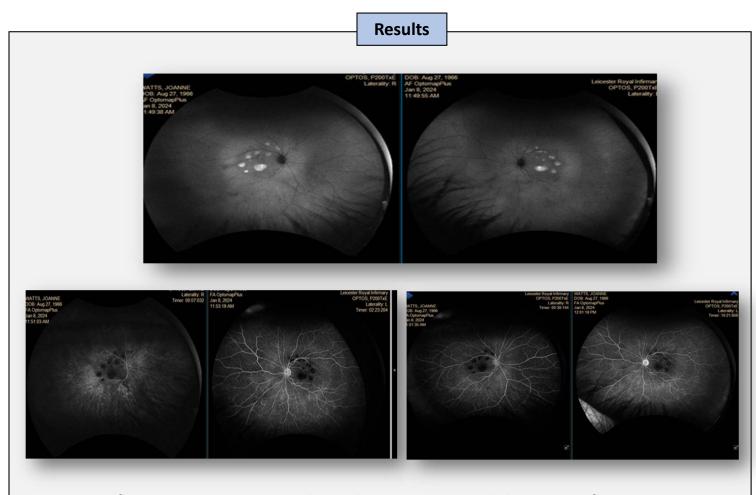
Acute Exudative Paraneoplastic Polymorphous Vitelliform Maculopathy during Abemaciclib treatment for ductal breast carcinoma

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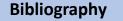




On autofluorescence imaging, these lesions appeared hyper-autofluorescent. On fluorescein angiography there was blocking of the fluorescence in the affected areas of both eyes and absence of any other signs of inflammation. A modification of the chemotherapy dose was suggested but the patient refused to proceed. We decided to treat the patient with systemic steroids and refer her for skin review, to exclude skin melanoma, which is the most common recognized cause for AEPPVM.

Conclusion

This case report suggests AEPPVM may be directly associated with the use of CDK4/6 inhibitors for the treatment for ductal breast carcinoma, or indirectly, by triggering autoimmune-paraneoplastic processes. Future identification of similar associations is required to unequivocally link Abemaciclib to AEPPVM in ductal breast carcinoma.



M. Asencio-Durán et al.
Ocular side effects of oncological therapies: Review
Archivos de la Sociedad Española de Oftalmología (2024)

2. H. S. Sandhu et al.

Acute Exudative Paraneoplastic Polymorphous Vitelliform Maculopathy During Vemurafenib and Pembrolizumab Treatment for Metastatic Melanoma Retinal Cases & Brief Reports (2019)

3. F. Canino et al.

Ocular Toxicity in Breast Cancer Management: Manual for The Oncologist Clinical Breast Cancer (2022)