

## Abstract 205

### SEVERE RETINAL VASCULITIS ACCOMPANIED WITH ACUTE MIDDLE MACULOPATHY IN SYSTEMIC LUPUS ERYTHEMATOSUS.

Poster

Gartaganis P.\*, Evangelos T., Giannakis I.

*251 Hellenic Airforce General Hospital ~ Athens ~ Greece*

#### **Purpose:**

To report the clinical and imaging features of a case of a severe retinal vasculitis accompanied with acute middle maculopathy in systemic lupus erythematosus.

#### **Methods:**

This observational case report includes an 18-year old female who was diagnosed with acute onset of Lupus vasculitis with multiple organ involvement and was referred to our ophthalmic department due to CNS involvement (Posterior Reversible Encephalopathy Syndrome – PRES) with cognitive and visual symptoms. A complete ophthalmological examination was performed, which included slit-lamp examination, fundoscopy, visual fields, and imaging with OCT, OCTA, and autofluorescence.

#### **Results:**

At presentation, the visual acuity was 20/20 without correction and despite there was no appearance of symptoms from the eyes, careful observation of the Multicolor OCT image in both eyes showed retinal findings including vascular tortuosity, retinal vasculitis, arteriolar narrowing, arteriovenous crossing changes, macular pigmentary mottling without any retinal findings in the 7-line OCT image. Pathological with related alterations were also the patient's visual fields.

#### **Conclusions:**

We present a case of severe lupus retinal vasculitis associated with paracentral acute middle maculopathy at the time of diagnosis using multimodal imaging techniques. The results imply that patients should undergo a thorough eye examination following a diagnosis, regardless of any visual problems.