

Case Report

Figure of 8 CSME

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CASE

A 45-year-old female visited our hospital for diminution of vision in both her eyes for the past two months. She was a known case of Type-2 Diabetes Mellitus. There was no other significant history. Her visual acuity was 6/60 in the right eye and 6/24 in the left eye. Bilateral fundus examination revealed severe non-proliferative diabetic retinopathy with clinically significant macular edema (CSME). The CSME in the right eye was typically resembling 'figure of 8' (Figure 1 and 1a), which is quite a rare sight. Rest of the ocular examination was within normal limits. The patient was started on treatment for diabetic retinopathy as per protocol.

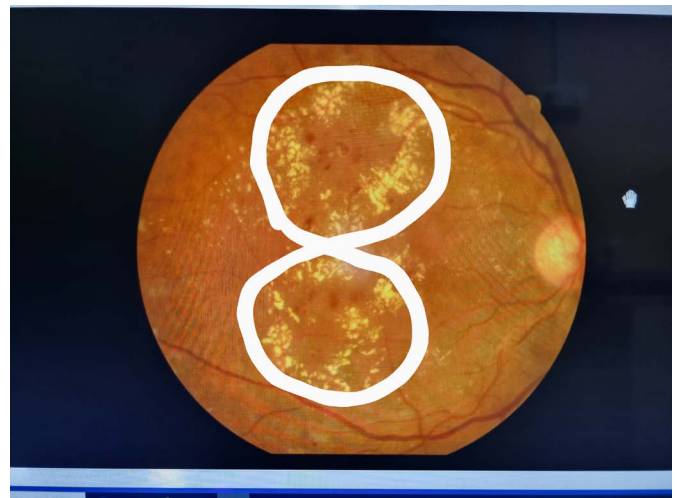


Figure 1 and 1a

CSME is defined as one or more of the following: retinal thickening at or within 500µm of the centre of the macula; hard exudates at or within 500µm of the centre of the macula, if associated with adjacent retinal thickening; or a zone or zones of retinal thickening one-disc area in size, at least part of which is within one-disc diameter of the centre of the macula [01]. Treatment modalities include metabolic control, treatment of risk factors, intravitreal injections of anti-vascular endothelial growth factors/steroids, laser photocoagulation etc according to the site and severity of the disease [02].

References

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2. Kulkarni, A. D., Ip, M. S. (2012). Diabetic macular edema: therapeutic options. Diabetes Therapy, 3, 1-14.

