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A rare case of sight threatening progressive corneo-scleral involvement in porphyria cutanea tarda

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Porphyria Cutanea Tarda (PCT) is the most common type of porphyria. It is associated with deficiency of uroporphyrinogen decarboxylase enzyme responsible for heme synthesis. Clinical manifestations are predominantly dermatological and very rarely present with ocular involvement. Although scleral thinning in the interpalpebral area is a well documented entity, sight threatening corneal involvement is rarely described. We, herein report a case of 58 year old male who presented with ocular surface dryness, photophobia and mild redness. Slit lamp bio-microscopy revealed corneo-scleral thinning in both the eyes. The diagnosis was confirmed with urine porphyrin test, S. iron and S. ferritin levels. We started him on conservative management after which he was lost to follow up. He presented again after six years with total corneal opacification and progressive loss of vision in right eye.

Biography

Sonali Prasad is a final year Postgraduate Student from Vardhaman Mahavir Medical College and Safdarjung Hospital, India. She has completed her MBBS from KMCH, India. She qualified MBBS with first class HONS in Ophthalmology. She has published more than 10 papers in reputed journals and has reviewed more than 8 papers for reputed journal as well. She currently has 3 ongoing research in the field of Ophthalmology.