



Bull's-Eye Maculopathy in Best Vitelliform Dystrophy

A 27-year-old healthy man presented with decreased vision in both eyes (OU) for 2 years. Best-corrected visual acuity was 20/200 OU with normal anterior segments. Fundus examination showed bilateral symmetric “bull’s-eye maculopathy” (A, B). A central hyperautofluorescent spot surrounded by middle hypo-autofluorescence and an outer hyperautofluorescent ring were noted on autofluorescence imaging OU (C, D). Electro-oculogram revealed decreased Arden ratios (1.32 in right eye and 1.29 in left eye), and genetic evaluation identified a heterozygous missense mutation (c.404C>T, p.Ala135Val) in the BEST1 gene. Bull’s-eye maculopathy is an uncommon presentation of Best vitelliform dystrophy. (Magnified version of Figure A-D is available online at www.ophtalmologyretina.org).

VINITA GUPTA, MS, FRCOPHTH¹

ROHAN CHAWLA, MD, FRCS²

VINOD KUMAR, MS, FRCS²

¹*Pediatric Ophthalmology and Ophthalmic Genetics Division, Department of Ophthalmology, All India Institute of Medical Sciences, Rishikesh, India;*

²*Department of Ophthalmology, Dr. R. P. Centre for Ophthalmic Sciences, All India Institute of Medical Sciences, Delhi, India*