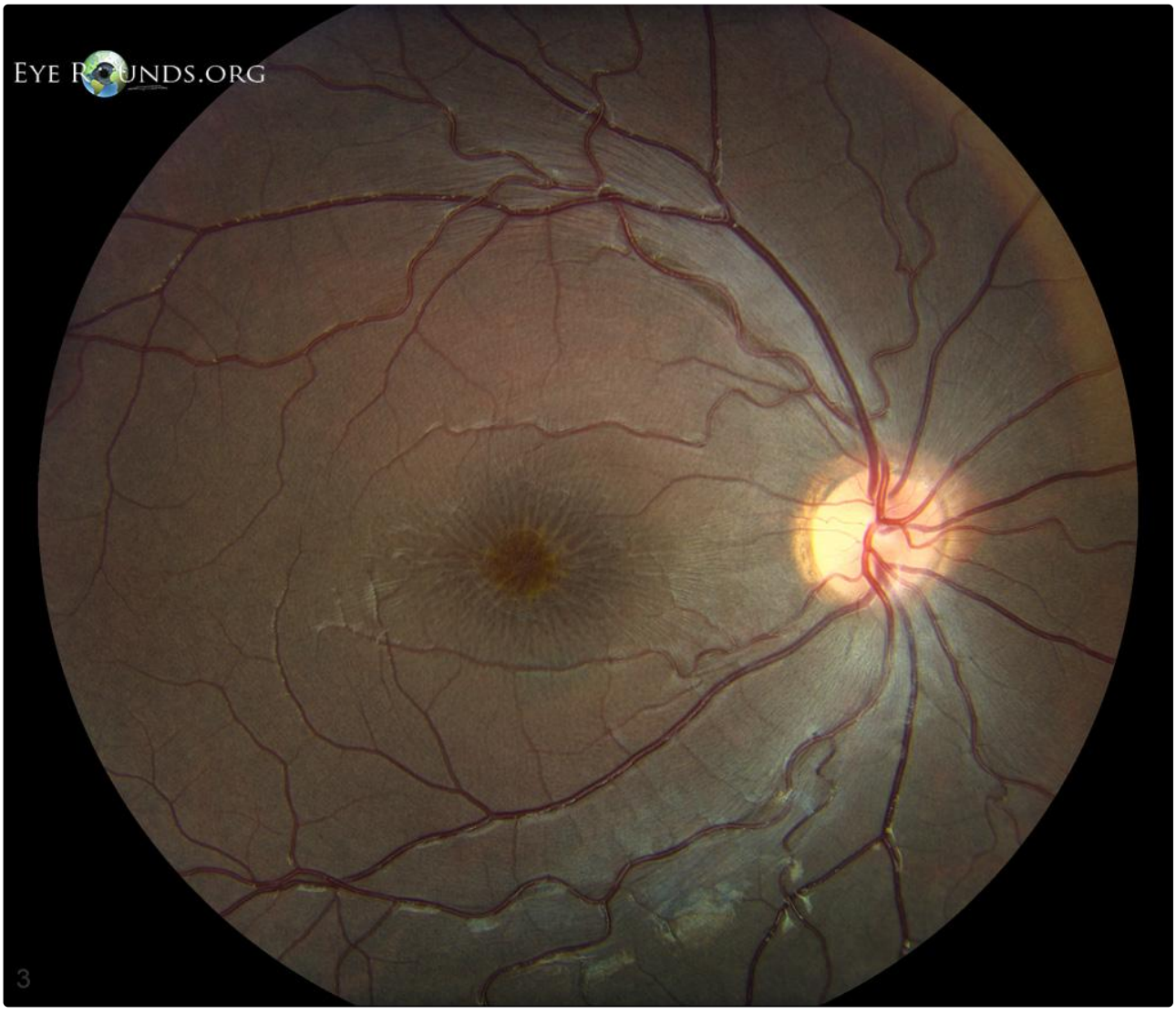
X-linked retinoschisis (XLRS)

Category(ies): Genetics, Retina, Vitreous

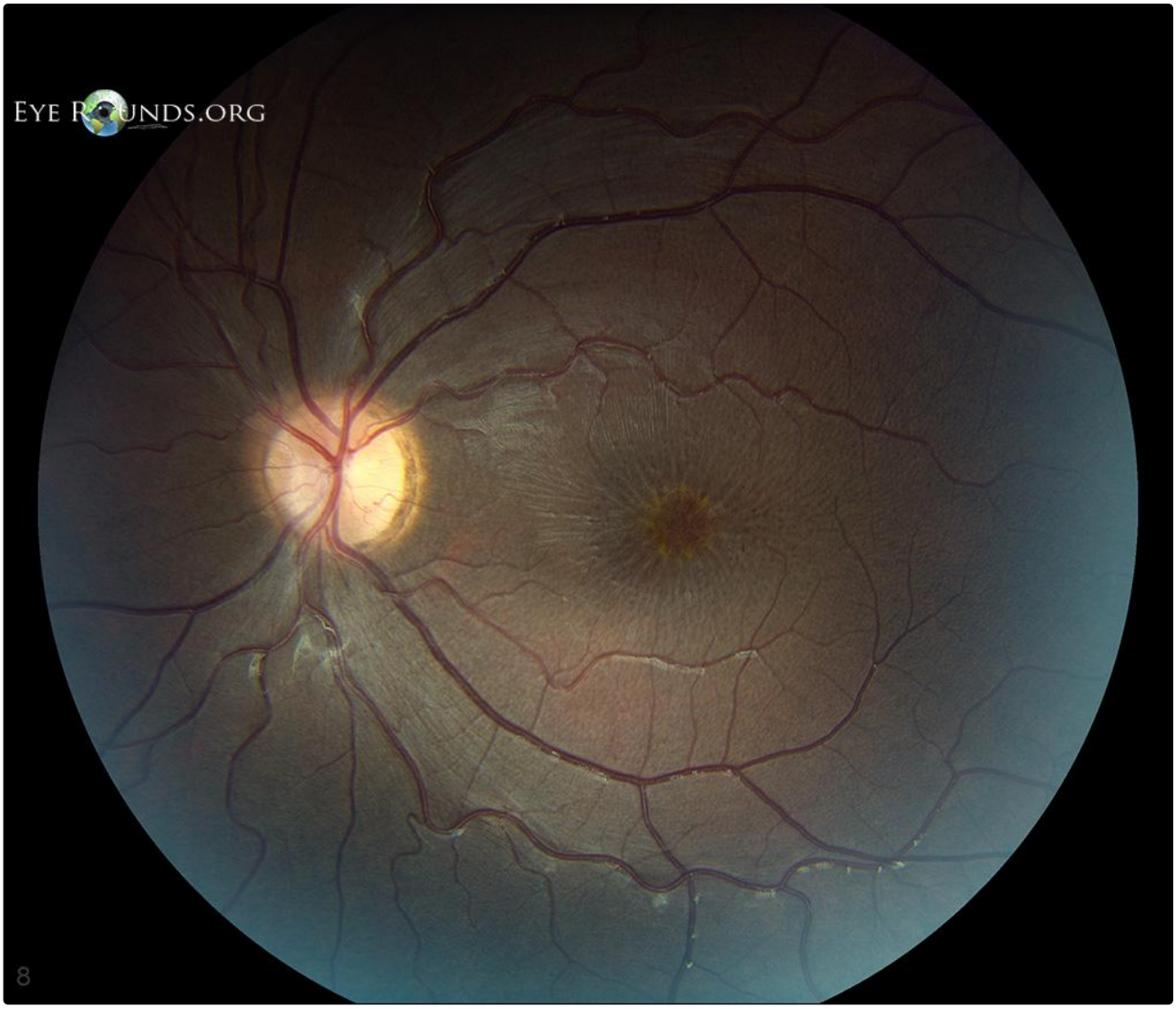
Contributor: Jesse Vislisel, MD

Photographer: Stefani Karakas, CRA

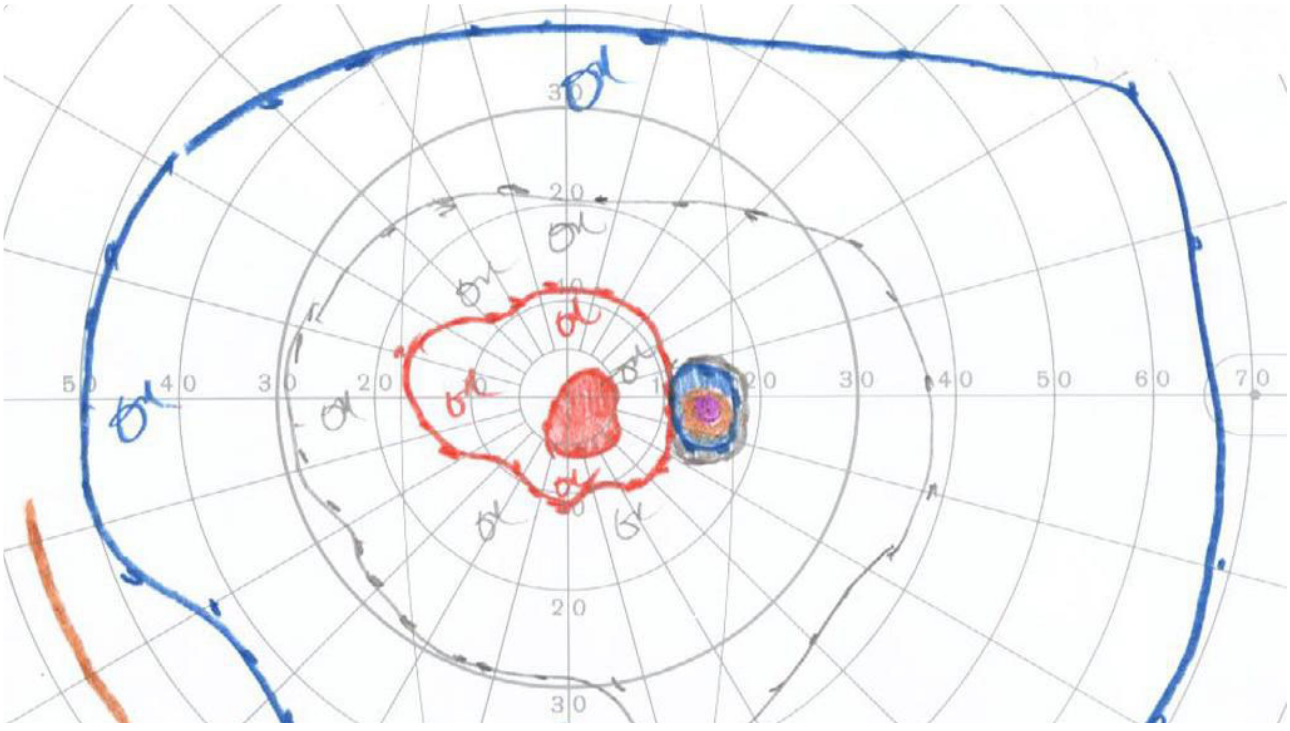
X-linked retinoschisis (XLRS) is an X-linked recessive condition caused by a mutation in the RS1 gene. It results in splitting of the foveal and sometimes peripheral neurosensory retina. Clinically, this appears as cystic spaces and radial striae in the central macula, as seen in these photographs. The splitting is even more apparent on OCT. Over time, patients with XLRS develop decreased acuity with a central scotoma as seen in these Goldmann visual fields.

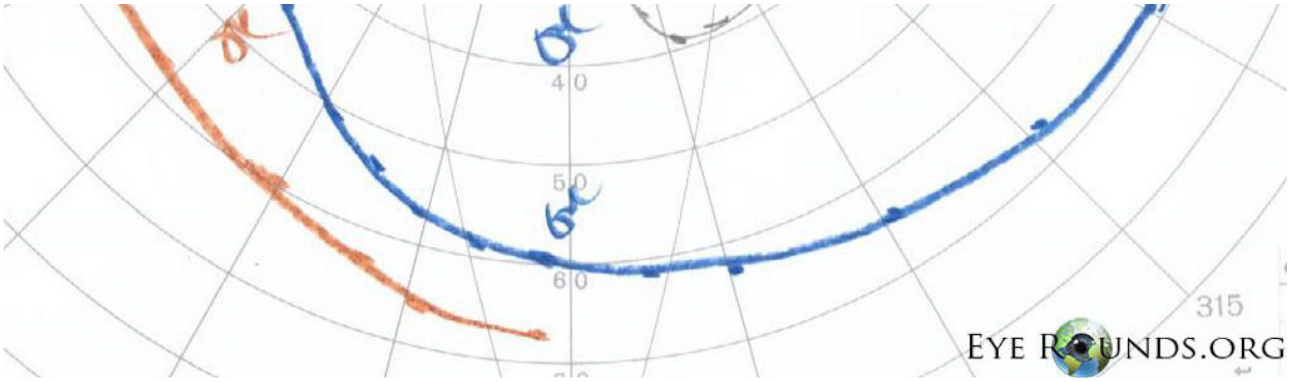


Enlarge Download

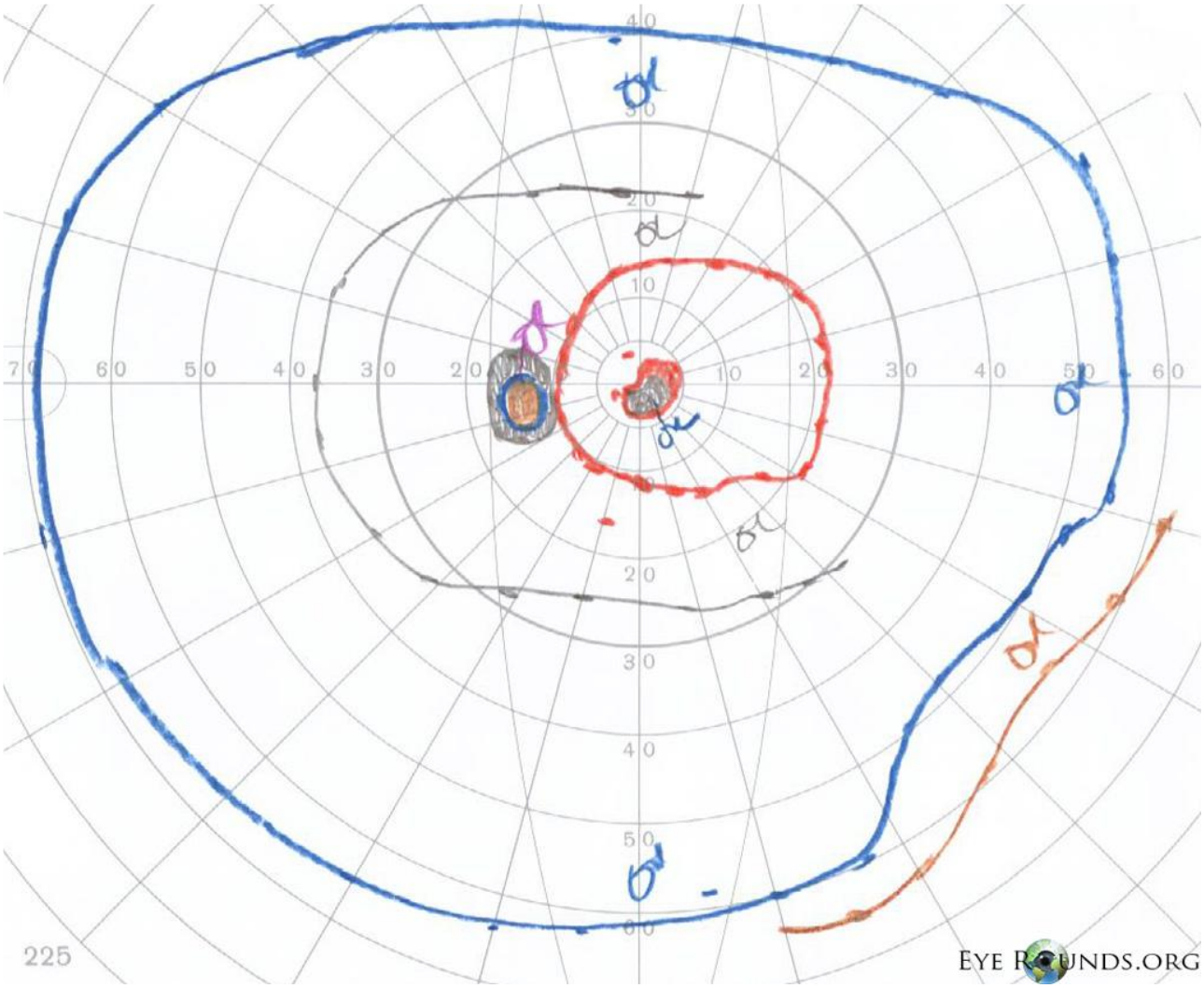


Enlarge Download

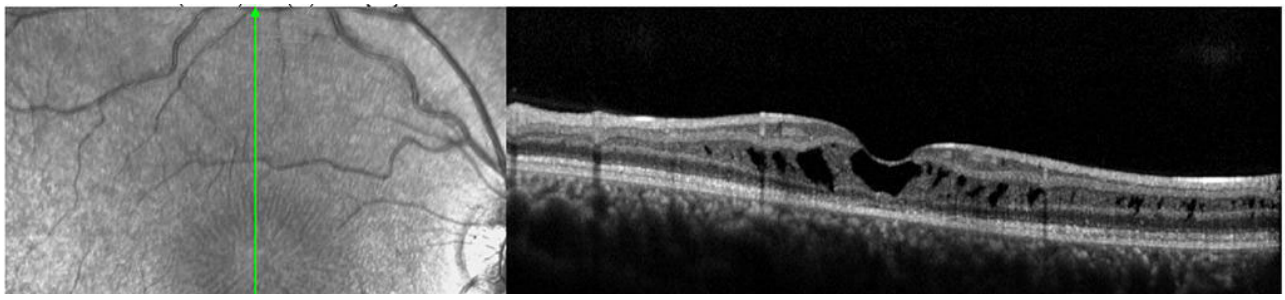


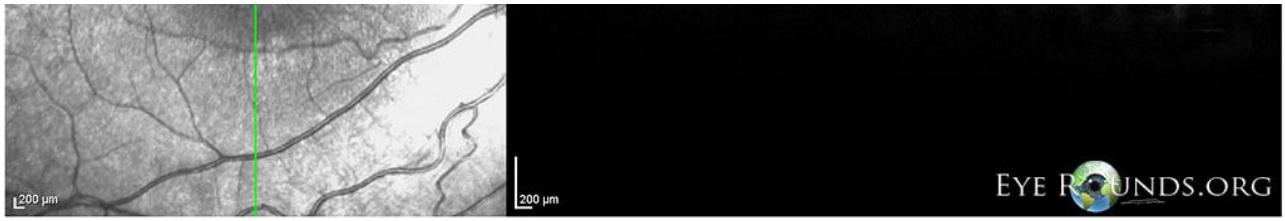


Enlarge Download

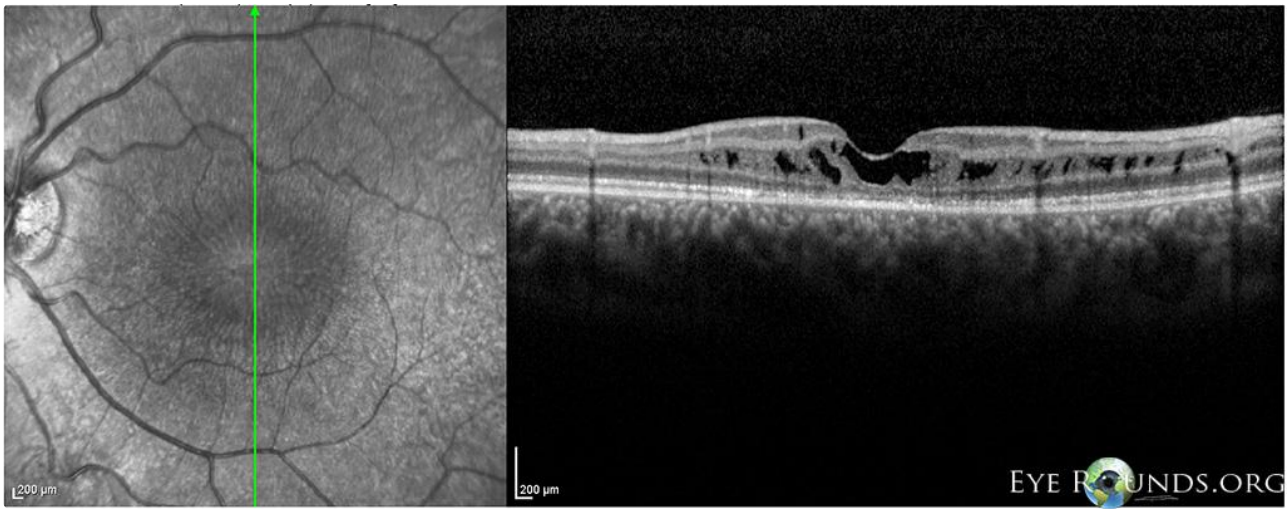


Enlarge Download





Enlarge Download



Enlarge Download

Image Permissions:

Address

University of Iowa
Roy J. and Lucille A. Carver College of Medicine
Department of Ophthalmology and Visual Sciences
200 Hawkins Drive
Iowa City, IA 52242

Support Us

Related Links

Cataract Surgery for Greenhorns
EyeTransillumination
Gonioscopy.org
Iowa Glaucoma Curriculum
Iowa Wet Lab
Patient Information
Stone Rounds
The Best Hits Bookshelf

EyeRounds Social Media

Follow

Receive notification of new cases, sign up here
Contact Us
Submit a Suggestion