

Lipemia retinalis in an infant

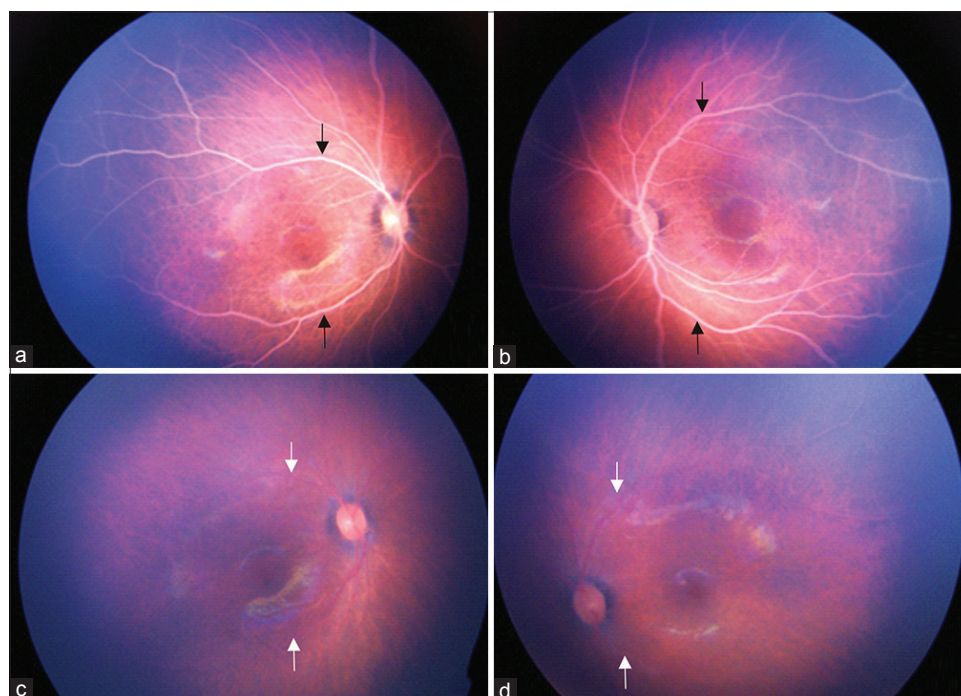


Figure 1: Fundus examination (Retcam; Clarity MSI, Pleasanton, Calif) of the right and left eyes showing whitish appearance of retinal vessels (black arrow), suggestive of lipemia retinalis (a and b). Normal appearance of retinal vessels (white arrow) are noted following decrease in serum triglyceride level after 4 weeks (c and d)

A two-month-old male infant presented with increased frequency of stools. Birth and development history were normal. General physical examination revealed hepatomegaly, mild splenomegaly, and loss of subcutaneous fat over the glutei. Fundus examination showed white retinal vessels in both eyes, typical of lipemia retinalis [Fig. 1a and b].^[1,2] Family history was unremarkable. Laboratory studies showed markedly elevated serum triglycerides (17,000 mg/dl), total cholesterol (858 mg/dl), low high-density lipoprotein (8.7mg/dl) with normal amylase and lipase. A possible diagnosis of type V hyperlipoproteinemia was kept. Fundus changes reversed in four weeks with addition of medium chain triglycerides to the feeds [Fig. 1c and d].

Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form the patient(s) has/have given his/her/their consent for his/her/their images and other clinical information to be reported in the journal. The patients understand that their names and initials will not be published and due efforts will be made to conceal their identity, but anonymity cannot be guaranteed.

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Conflicts of interest

There are no conflicts of interest.

Ramanuj Samanta, Deeksha Katoch¹

Department of Ophthalmology, All India Institute of Medical Sciences, Rishikesh, Uttarakhand, ¹Department of Ophthalmology,


Postgraduate Institute of Medical Education and Research, Chandigarh, India

Correspondence to: Dr. Deeksha Katoch, Department of Ophthalmology, Postgraduate Institute of Medical Education and Research, Chandigarh -160 012, India. E-mail: drdeekshakatoch@yahoo.in

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