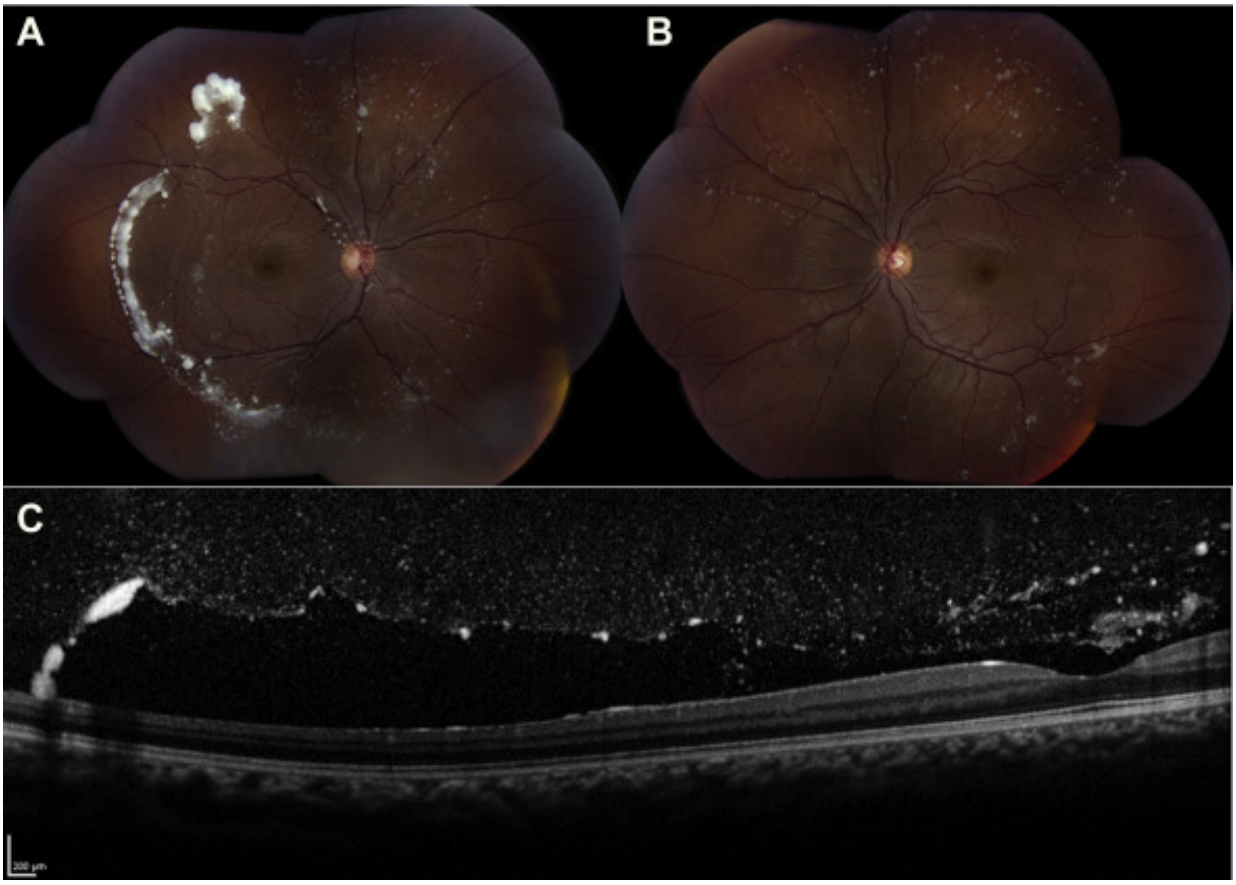
Vitreous Changes in Gaucher Disease Type 3



A 15-year-old patient with neuronopathic Gaucher disease (type 3) had visual acuities of 20/20, normal anterior segment examination, and profuse vitreous deposits. Genetic testing revealed a homozygous L444P mutation. Despite enzyme replacement therapy with recombinant glucocerebrosidase deposition progressed over the next 3 years; this treatment does not cross the blood/brain or /eye barrier, leaving ocular and neurological disease unaffected. Fundus photographs of the patient's right (Fig **A**) and left (Fig **B**) eyes show dense white preretinal deposits. Spectral domain-OCT (Fig **C**) highlights deposition on the anterior surface of the premacular bursa. (Magnified version of Fig **A**-**C** is available online at

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Article info

Identification

DOI: https://doi.org/10.1016/j.ophtha.2020.02.019

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