

Gyrate Atrophy of the Choroid: Two Cases

A C S W How,^{*MBBS}, A H C Koh,^{**MBBS, M Med (Ophth), FRCS (Edin)}

Abstract

Introduction: Gyrate atrophy of the choroid (GA) is a rare, inherited choroidal dystrophy that results in progressive deterioration in peripheral and night vision. This is the first documentation of GA in Singapore. **Clinical Picture:** This report illustrates 2 cases of a sibling pair from a consanguineous union, presenting with the classical clinical features and biochemical abnormality of this condition. **Treatment and Outcome:** One patient was treated with pyridoxine replacement and a low protein diet. However, his condition failed to improve. The other patient was left untreated. **Conclusion:** Treatment was ineffective for the first patient. As yet, there is no proven treatment of GA.

Ann Acad Med Singapore 2003; 32:408-10

Key words: Autosomal recessive, Chorioretinal atrophy, Hyperornithinemia, Nyctalopia, Retinal dystrophy

* Resident

** Consultant, Vitreo-retina Service
Singapore National Eye Centre

Address for Reprints: Dr Adrian Koh, Singapore National Eye Centre, 11 Third Hospital Avenue, Singapore 168751.