

Quick Search Title, abstract, keywords Author
 ? search tips Journal/book title Volume Issue Page Clear Go



European Journal of Paediatric Neurology
 Article in Press, Corrected Proof - Note to users

Font Size:

► **Abstract** Article Figures/Tables References Purchase PDF (181 K)

doi:10.1016/j.ejpn.2008.06.006 [Cite or Link Using DOI](#)
 Copyright © 2008 European Paediatric Neurology Society Published by Elsevier Ltd.

- E-mail Article
- Add to my Quick Links
- Add to **collab**
- Permissions & Reprints

Case study

**Familial congenital oculomotor apraxia:
 Clinical and electro-oculographic features**

Christophe Orssaud^{a, b}, Isabelle Ingster-Moati^a, Olivier Roche^a,
 Emmanuel Bui Quoc^a and Jean Louis Dufier^{a, b}

^aService d'Ophtalmologie, Hôpital Necker Enfants Malades, Assistance Publique – Hôpitaux de Paris, 20 Rue Leblanc, 75015 Paris, France
^bConsultation d'Ophtalmologie, Hôpital Européen Georges Pompidou, Assistance Publique – Hôpitaux de Paris, 20 Rue Leblanc, 75015 Paris, France

Received 18 December 2007; revised 4 June 2008; accepted 19 June 2008. Available online 13 August 2008.

Purchase the full-text article

- PDF and HTML
- All references
- All images
- All tables

References and further reading may be available for this article. To view references and further reading you must [purchase](#) this article.

Abstract

The electro-oculographic (EOG) features of both horizontal and vertical eye movements in congenital oculomotor apraxia (COMA) were not previously reported. A girl referred to the ophthalmologic department for abnormal eye movements was diagnosed as COMA. The same abnormal ocular movements were observed in her younger sister and her father who was unaware of his difficulties to initiate voluntary saccades. When performed, EOG recordings of all horizontal and vertical saccadic eye movements were severely altered whatever the age of the patient. Pursuit was normal for these patients. It confirms that the control of saccadic eye movements is still altered in adults in both directions horizontal and vertical that were never reported. EOG is necessary to rule out inherited form of this saccade initiation failure.

Keywords: Congenital oculomotor apraxia; Electrooculogram; Saccades; Pursuit



Related Articles in ScienceDirect

- [Poster 4 - Congenital Oculomotor Apraxia: What Is It an... Optometry - Journal of the American Optometric Associat...](#)
- [Minute eye movement during sleep Electroencephalography and Clinical Neurophysiology](#)
- [Coma and Stupor Handbook of Clinical Neurology](#)
- [COMA AND CONFUSIONAL STATES: EMERGENCY DIAGNOSIS AND MA... Neurologic Clinics](#)
- [Variants of congenital ocular motor apraxia: Associatio... Journal of American Association for Pediatric Ophthalgo...](#)

[View More Related Articles](#)

The research collaboration tool

- No user rating
- No user tags yet
- This article has not yet been bookmarked
- No comments on this article yet
- Not yet shared with any groups

[Be the first to add this article in **collab**](#)

Article Outline

1. [Introduction](#)
2. [Case report](#)
 - 2.1. [Patient no. 1](#)
 - 2.2. [Patient no. 2](#)
 - 2.3. [Patient no. 3](#)
3. [Discussion](#)

[References](#)

Note to users: The section "Articles in Press" contains peer reviewed accepted articles to be published in this journal. When the final article is assigned to an issue of the journal, the "Article in Press" version will be removed from this section and will appear in the associated published journal issue. The date it was first made available online will be carried over. Please be aware that although "Articles in Press" do not have all bibliographic details available yet, they can already be cited using the year of online publication and the DOI as follows: Author(s), Article Title, Journal (Year), DOI. Please consult the journal's reference style for the exact appearance of these elements, abbreviation of journal names and the use of punctuation.

There are three types of "Articles in Press":

- **Accepted manuscripts:** these are articles that have been peer reviewed and accepted for publication by the Editorial Board. The articles have not yet been copy edited and/or formatted in the journal house style.
- **Uncorrected proofs:** these are copy edited and formatted articles that are not yet finalized and that will be corrected by the authors. Therefore the text could change before final publication.
- **Corrected proofs:** these are articles containing the authors' corrections and may, or may not yet have specific issue and page numbers assigned.

Sponsored Links

[Human Identity Analysis](#)

GeneMarkerHID STR Analysis software

Request Free Trial today!

www.softgenetics.com

[Plant Science](#)

Encyclopedia of Life Sciences

Now available on your desktop!

www.interscience.wiley.com

[The Scientist Community](#)

A new forum for life scientists and

others interested in science. Free.

the-scientist.com/community

[European Journal of Paediatric Neurology](#)

[Article in Press](#), [Corrected Proof](#) - [Note to users](#)

[Home](#) [Browse](#) [My Settings](#) [Alerts](#) [Help](#)



[About ScienceDirect](#) | [Contact Us](#) | [Information for Advertisers](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2008 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.