

**A HUMAN CEREBRAL DISCONNECTION SYNDROME: A PRELIMINARY REPORT**

*Norman Geschwind, MD and Edith Kaplan, MA*

**Neurology** 1962;12:675-685

We propose in this paper to present a patient whose clinical picture appears to us to be most simply explainable by a partial deconnection of the two cerebral hemispheres. He appears to behave as if there were 2 nearly isolated half-brains, functioning almost independently. In the early years of this century several cases were described which showed some of the phenomena that are present in our patient. Sittig<sup>1</sup> reviews these cases in his monograph on apraxia. The earlier workers generally described these cases as showing apraxia and apractic agraphia of the left side and leftsided astereognosis and attributed these findings to lesions of the corpus callosum.

---

Free access to this article at [www.neurology.org/content/12/10/675](http://www.neurology.org/content/12/10/675)

**Comment from David S. Knopman, MD, FAAN, Deputy Editor:** *Norman Geschwind was a major force in the development of behavioral neurology as a field. This is his first paper on a topic in behavioral neurology, which anticipated a pair of long articles he published on human disconnection syndromes in Brain 3 years later. Those latter articles are considered by many to represent the founding moment of behavioral neurology in the US.*

# Neurology®

## **A human cerebral disconnection syndrome: A preliminary report**

Norman Geschwind and Edith Kaplan

*Neurology* 2011;76;1329

DOI 10.1212/01.wnl.0000397064.67186.38

**This information is current as of April 11, 2011**

### **Updated Information & Services**

including high resolution figures, can be found at:  
<http://n.neurology.org/content/76/15/1329.citation.full>

### **Permissions & Licensing**

Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at:  
[http://www.neurology.org/about/about\\_the\\_journal#permissions](http://www.neurology.org/about/about_the_journal#permissions)

### **Reprints**

Information about ordering reprints can be found online:  
<http://n.neurology.org/subscribers/advertise>

*Neurology*® is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright Copyright © 2011 by AAN Enterprises, Inc.. All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.

