Localization of Brain Lesions and Developmental Functions

By Daria Riva, Arthur L. Benton

John Libbey & Co. Paperback. Book Condition: new. BRAND NEW, Localization of Brain Lesions and Developmental Functions, Daria Riva, Arthur L. Benton, The study of neuropsychological functions in children has lately undergone a considerable evolution, most obviously represented by the evidence that cerebral areas of the child's brain are specialised at a very early stage. Such evidence has been derived from a number of anatomical, physiological and clinical studies. This book examines and defines the pictures of any deficient function, or of several, in relation to lesions of different cerebral areas, thereby indirectly demonstrating the role of these areas in neuropsychological development.

Reviews

This book might be worth a read, and superior to other. Of course, it really is engage in, still an interesting and amazing literature. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Prof. Valentin Hane MD

The book is straightforward in read safer to recognize. This really is for anyone who state there had not been a worthy of looking at. You may like just how the blogger create this publication.

-- Friedrich Nolan
This, coupled with intelligent use of structural and to an increasing extent functional, brain imaging, encourages the development of developmental brain/behaviour modules as never before. It is timely then to have a book which reviews progress in the area even if only to show the gaps in our understanding and the vast amount of work remaining to be done. Arthur Benton, the doyen of localisation, provides an interesting historical perspective in an introductory chapter. Three essays address the issue of language development, the hope being that children with early acquired brain lesions will shed light. Initial studies selected children with hemiplegia creating the myth that children had non-fluent aphasias only. Therefore, localisation of function is evident only in the human brain.

Overview of research. There was a growing interest in the localisation of the brain functions in the early nineteenth century. Franz Joseph Gall’s theory of phrenology attracted attention of many scientists even though it was based on inference. When Flourens used localized lesions on rabbits and pigeon, he was able to show for the first time that divisions of the brain were responsible for different functions. He discovered that perception, motor movement and judgment were diminished when cerebral hemispheres were removed from these animals and removal of cerebellum caused irregularity in motor coordination while destruction of the brain stem led to death.

Localization of Brain Lesions and Developmental Functions

Localization of Brain Lesions and Developmental Functions has been added to your Cart. Add a gift receipt with prices hidden. Buy used Listen Playing Paused You’re listening to a sample of the Audible audio edition. Learn more. See this image. Localization of Brain Lesions and Developmental Functions UK ed. Edition. by Daria Riva (Author), Arthur Benton (Author). Start by marking as Want to Read: Want to Read saving... Want to Read. We’d love your help. Let us know what’s wrong with this preview of Localization of Brain Lesions and Developmental Functions by Daria Riva. Problem: It’s the wrong book It’s the wrong edition Other.