Vision And The Brain: Understanding Cerebral Visual Impairment In Children
Cerebral visual impairment (also known as cortical visual impairment, or CVI) has become the most common cause of visual impairment in children in the United States and the developed world. Vision and the Brain is a unique and comprehensive sourcebook geared especially to professionals in the field of visual impairment, educators, and families who need to know more about the causes and types of CVI and the best practices for working with affected children. Expert contributors from many countries represent education, occupational therapy, orientation and mobility, ophthalmology, optometry, neuropsychology, psychology, and vision science, and include parents of children with CVI. The book provides an in-depth guide to current knowledge about brain-related vision loss in an accessible form to enable readers to recognize, understand, and assess the behavioral manifestations of damage to the visual brain and develop effective interventions based on identification of the spectrum of individual needs. Chapters are designed to help those working with children with CVI ascertain the nature and degree of visual impairment in each child, so that they can "see" and appreciate the world through the child’s eyes and ensure that every child is served appropriately.

Book Information

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Customer Reviews

The content of the book is outstanding--a "must have for anybody working with children with visual problems. However, the Kikndle version has no page numbers, and many of the tables and charts are hard to view, either because they are split between two pages or do not show up on certain
Professionals and families working to better understand the integration of the brain and the visual system will find this collection of research and narratives by international experts to be a resource they will turn to again and again to enrich their understanding of Cerebral Visual Impairment (CVI) in children. The inclusion of family and patient perspectives adds immensely to the truth and usefulness of this breakthrough work.

As a teacher of children with visual impairments, I have worked with many children who I had classified as having cortical visual impairments. However, through the information this book provides, I am now beginning to understand the wider complexity of the disability that the authors term as cerebral visual impairment. This book provides essential and valuable information that can be used by teachers, parents and other rehabilitation and habilitation specialists that support children with cerebral visual impairments. The book includes detailed explanation of the visual system and how it can be affected by damage to the brain, thorough assessment techniques to help establish diagnoses of cerebral visual impairment and strategies on how to overcome the disabling aspects of this condition. Throughout the book, the many contributing authors have provided real life examples with anecdotes from parents, adults and children who live with cerebral visual impairment. This book is essential reading for any professional working in the field of pediatrics.

This book is an essential resource for all who wish to understand more about cerebral visual impairment in children. It provides a comprehensive guide, contributors being experts in many disciplines, whose skills may be a necessary requirement in order that affected children are able to achieve their potential and thrive. Of particular interest are contributions made by parents of children with cerebral visual impairment and also the views of one young man with the condition. This book is suitable for professionals and families alike and helps all to ‘see’ the world from the perspective of the affected child. It should be essential reading for all professionals involved in assessment of young children, not only those whose area of expertise is vision, in order that children with cerebral visual impairment are identified at the earliest opportunity and they and their families are able to quickly access appropriate support.

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