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Titolo	Visual impairment in children due to damage to the brain // edited by Gordon N. Dutton and Martin Bax
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Descrizione fisica	1 online resource (784 pages)
Collana	186 Clinics in developmental medicine, , 0069-4835 ; ; no. 186
Altri autori (Persone)	DuttonGordon BaxMartin
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Soggetti	Vision disorders in children Brain-damaged children
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 296-321) and index.
Nota di contenuto	The visual brain, and the causes & imaging of cerebral pathology affecting vision -- The functional organization of the central visual pathways -- Causes of damage to the visual brain -- Common aetiologies of cerebral visual impairment -- Visual dysfunction and ocular findings associated with white matter damage of immaturity -- Visual dysfunction associated with hydrocephalus -- Diagnostic imaging of damage to the visual brain -- Imaging of disorders affecting the visual brain -- Correlation between imaging and early visual development -- Visual problems resulting from damage to the visual brain -- Impairment of central visual function and its measurement -- Impairment of peripheral vision and its measurement -- Abnormalities of refraction and accommodation and their management -- Clinical features of perceptual and cognitive visual impairment in children with brain damage of early onset -- Impairment of cognitive vision: its detection and measurement -- Structured clinical history taking for cognitive and perceptual visual dysfunction and for profound visual disabilities due to damage to the brain in children -- Objective behavioural and electrophysiological measures for assessing visual brain function in infants and young children -- Psychometric evaluation

of higher visual disorders: strategies for clinical settings -- The effect of impaired vision on development -- Psychiatric considerations in cerebral visual impairment.

Disorders commonly accompanied by cerebral visual impairment -- Children with severe brain damage: functional assessment for diagnosis and intervention -- Visual impairment in cerebral palsy -- Children with intellectual disabilities and cerebral visual impairment: problems with detection and diagnosis -- Helping children with cerebral visual impairment -- Approaches to deal with visual problems due to cerebral visual impairment -- The principles -- Strategies to support the development and learning of children with CVI at home and at school: Communication and Orientation and Mobility -- Strategies to support the development and learning of children with cerebral visual impairment, at home and at school: Sustained Visual Work and Activities of Daily Living (ADL) -- Strategies to help children who have both visual and hearing impairments Setting up integrated services for children with cerebral visual impairment -- Classification of cerebral visual impairment -- Classification of visual functioning and disability in children with visual processing disorders due to cerebral visual impairment -- Towards the development of a classification of vision-related functioning: a framework.

Sommario/riassunto

Cerebral visual impairment is the most common cause of visual impairment in the developed world. This book describes function, disfunction and management strategies for clinicians.
