Contents

Chapter 1	The effect of brain lesions/disease on cognition: location/type and treatment <i>Daria Riva</i>	1
	Epilepsy and headache	
Chapter 2	Possible pathogenetic mechanisms of epileptic encephalopathies and implications for associated cognitive disorders <i>Silvana Franceschetti</i>	9
Chapter 3	Cognitive development in Dravet syndrome Francesca Ragona, Mara Patrini and Tiziana Granata	13
Chapter 4	The neuropsychological profile of childhood focal idiopathic epilepsy syndromes Chiara Vago, Sara Bulgheroni, Silvia Esposito, Arianna Usilla and Daria Riva	21
Chapter 5	Lesional epilepsies in childhood: neuropsychological and psychopathological aspects Valentina Sibilia and Renzo Guerrini	33
Chapter 6	Cognitive and behavioural aspects of headache in children and adolescents Umberto Balottin, Matteo Chiappedi, Federica Galli, Sara Gianfelice and Cristiano Termine	41
	Malformations and tumours	
Chapter 7	Spina bifida: brain and neurobehavioural outcomes Jack M. Fletcher, Jennifer J. Juranek and Maureen Dennis	49
Chapter 8	Neurocognitive, neuropsychological, and neurovisual development in single-suture craniosynostoses Daniela Chieffo and Luca Massimi	59

Chapter 9	Cognitive and behavioural outcome in children with posterior fossa malformations	
	Sara Bulgheroni, Fabiana Cazzaniga, Michela Bonalumi and Daria Riva	69
Chapter 10	Brain tumours: how the location of the lesion and treatments affect cognitive function	
	Daria Riva, Silvia Esposito, Fabiana Cazzaniga and Sara Bulgheroni	79
Chapter 11	Paediatric anaesthetic and cognitive neurotoxicity Lena S. Sun	85
	Neurodevelopmental disorders	
Chapter 12	Cognitive and behavioural phenotype in intellectual disability	00
	Stefano Vicari, Paolo Alfieri and Deny Menghini	99
Chapter 13	High-functioning autism spectrum disorders:	
	focus on neuropsychological profiling Antonio Narzisi, Filippo Muratori and Cosimo Urgesi	109
		10)
	Cerebral palsy	
Chapter 14	Cognitive and language development in children	
	with early focal brain lesions Anna Maria Chilosi, Paola Brovedani, Sara Lenzi, Paola Cristofani	
	and Paola Cipriani	117
Chapter 15	Neuropsychological profiles in children with spastic diplegia	
	with particular attention to visuo-cognitive abilities Serena Micheletti, Jessica Galli and Elisa Fazzi	127
		127
	Progressive neurological diseases	
Chapter 16	Cognition and psychopathology in movement disorders in children Nardo Nardocci and Mara Patrini	139
Chapter 17	Lysosomal storage disorders	1.45
	Rita Barone and Rossella Parini	147
Chapter 18	Cognitive impairment in paediatric multiple sclerosis Angelo Ghezzi	167