



## Neurobehavioral Disorders of Childhood: An Evolutionary Perspective

By Robert Melillo, Gerry Leisman

Springer-Verlag New York Inc. Paperback. Book Condition: new. BRAND NEW, Neurobehavioral Disorders of Childhood: An Evolutionary Perspective, Robert Melillo, Gerry Leisman, Attention deficit disorder, attention deficit hyperactive disorder, pervasive developmental disorder, obsessive-compulsive disorder, asperger's syndrome, and autism, to name but a few, may be viewed as points on a spectrum of developmental disabilities in which those points share features in common and possibly etiology as well, varying only in severity and in the primary anatomical region of dysfunctional activity. This text focuses on alterations of the normal development of the child. A working theory is presented based on what we know of the neurological and cognitive development in the context of evolution of the human species and its brain. In outlining our theory of developmental disabilities in evolutionary terms, the authors offer evidence to support the following notions: Bipedalism was the major reason for human neocortical evolution; Cognition evolved secondary and parallel to evolution of motricity; There exists an overlap of cognitive and motor symptoms; Lack of thalamo-cortical stimulation, not overstimulation, is a fundamental problem of developmental disabilities; A primary problem is dysfunctions of hemisphericity; Most conditions in this spectrum of disorders are the result of a right hemisphericity; Environment...



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