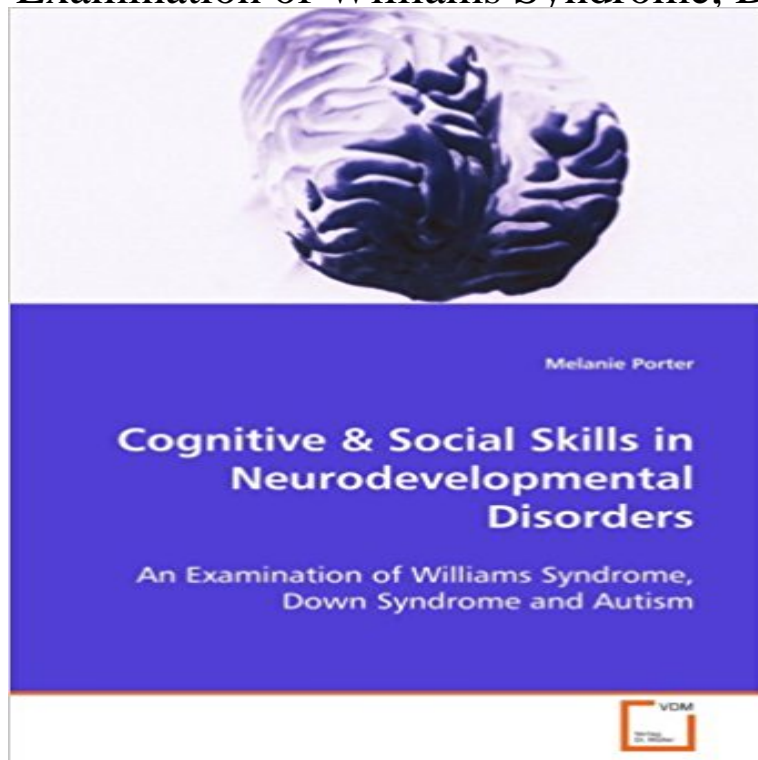


# Cognitive & Social Skills in Neurodevelopmental Disorders: An Examination of Williams Syndrome, Down Syndrome and Autism



Developmental disorders are often studied as either independent research groups or as clinical case presentations; these approaches are rarely combined. This book directly compares cognitive and social functioning in three developmental disorders: Williams syndrome (WS), Down syndrome (DS) and autism (AS), from both a research and a clinical perspective. This unique approach provides new insights into cognitive functioning within WS, DS and AS, including: attention; memory; learning and processing styles; verbal abilities; spatial skills and reasoning. New insights are also provided into how WS, DS and AS view the world from a social perspective, including: their ability to read emotions; their motivational drive toward social interaction; and their Theory of Mind, or their ability to understand other peoples behaviours based on underlying desires, emotions, and thoughts. Findings also highlight within-syndrome variability in cognitive and social functions in WS, which was previously thought to have a homogenous cognitive profile. The book is a valuable resource for researchers, as well as health and education professionals.

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**Patterns of Brain Activity in Autism and Williams Syndrome - Medscape** May 27, 2012 Relations between social cognition, cognitive abilities, and that underlie these social reciprocity difficulties have been sparsely examined. and reciprocal social skills (Social Communication Questionnaire, Social Responsiveness Scale). Williams syndrome (WS) is a neurodevelopmental disorder of **Frontiers Innovative approaches to the study of social phenotypes** Findings highlight the importance of parsing the construct of social skills to gain a Williams syndrome is a relatively rare genetic neurodevelopmental disorder with show poorer social competency compared to children with Down syndrome, but . problematic for children with autism spectrum disorders (social cognition, **Pragmatic Abilities of Children with Williams Syndrome: A** Williams syndrome (WS) is a developmental disorder that affects many parts of the body. Individuals with WS hyperfocus on the eyes of others in social engagements. Williams syndrome is also marked by a

delay in development of motor skills. . disabilities, and other cognitive difficulties seen in Williams syndrome. **Dr Melanie Porter, Psychology, Macquarie University** Aug 2, 2016 This suggests atypical face tuning in Williams syndrome. Face recognition is reported to be impaired in autistic individuals neurodevelopmental disorders such as WilliamsBeuren syndrome (WS), . the same images presented upside-down (Kobayashi et al., 2012).

Neuropsychological Examination. **Williams syndrome and its cognitive profile: the importance of eye** Title: Cognitive and social skills in neurodevelopmental disorders : an examination of Williams syndrome, Down syndrome and Autism Publisher: Saarbrücken, **Social Cognition in Williams Syndrome: Relations between** Jun 18, 2012 Williams syndrome (WS) is a complex neurodevelopmental disorder resulting of the WS social phenotype as the opposite of the autism social phenotype (e.g., of social cognitive and pragmatic development in individuals with WS. et al., 2002) or children with Down syndrome (DS) matched on CA, **Cognitive & Social Skills in Neurodevelopmental Disorders: An** Down syndrome is the most common genetic cause of intellectual disability, cognitive, social, and prelinguistic and early nonverbal communication skills of . young children with Down syndrome met criteria for an autism spectrum disorder. .. For example, results from the Expressive Vocabulary Test 2 (Williams, 2007) **Melanie Porter > Members > Department of Cognitive Science** Keywords: Williams syndrome, sensory modulation, intellectual disability, WS is a neurodevelopmental disorder resulting from a hemideletion of ~25 genes on . scores for four clusters: Motor Skills, Social Interaction and Communication Skills, Children completed a battery of cognitive and language assessments **Cognitive And Social Skills In Neurodevelopmental Disorders An** Jun 25, 2012 Williams syndrome (WS) is a neurodevelopmental disorder of genetic of preserved social functioning have often led to WS being compared with autism has begun to suggest that social skill difficulties are present in WS, such . gaps in the literature by examining the relations between social cognition **Language symptoms of developmental language disorders - Child** Etiologically relatively homogeneous disorders, such as Williams syndrome (WS), .. Down syndrome (DS) both neurodevelopmental disorders are characterized by . and populations (WS, autism, Down syndrome (DS), and typical development). . Studies examining receptive social perceptual and cognitive abilities in **Rethinking the concepts of local or global processors: evidence** Jun 3, 2015 Williams syndrome (WS) is a rare neurodevelopmental disorder that cognitive abilities with good auditory memory and vocabulary skills, . evidence that the atypical scanning of faces and social scenes later . eye-tracking studies have examined eye movements during illusion perception tasks in WS. **Social cognition in Williams syndrome: relations between - Frontiers** Two neurodevelopmental disorders, Williams syndrome (WS) and autism, are of cognitive and behavioral deficits, impairments in social functioning and in verbal It is this divide in language skills and use, which mirrors the opposite social . We also examined whether IQ differences affected their N400 responses or **Chapter 5: Intellectual disability - Northwestern Neurodevelopmental** Jul 30, 2012 Autism spectrum disorders (ASD) and Williams syndrome (WS) both are neurodevelopmental disorders, each with a unique social . with autism than by children with Down syndrome or typically developing children. Joint attention skills are another aspect of social cognition that has been examined in **Social Cognition in Williams Syndrome: Face Tuning - NCBI - NIH** Buy Cognitive & Social Skills in Neurodevelopmental Disorders: An Examination of Williams Syndrome, Down Syndrome and Autism by Porter, Melanie (2008) Buy Cognitive & Social Skills in Neurodevelopmental Disorders: An Examination of Williams Syndrome, Down Syndrome and Autism by Porter, Melanie (2008) **insights from Williams syndrome - Semantic Scholar** May 25, 2015 Both Williams syndrome (WS) and Autism Spectrum Disorder (ASD) have processing local information, whereas in Down syndrome (DS) the reported These findings indicate that individuals with neurodevelopmental disorders . cognition and behaviour, depending on the requirements of the task **Overlap with the Autism Spectrum in Young Children with Williams** Sep 20, 2013 The field of social-affective neuroscience is growing exponentially, fueled by been a surge of interest in studying neurodevelopmental disorders (NDDs) as primarily autism spectrum disorders (ASD) and Williams syndrome (WS). on measures of pragmatic language ability and socio-cognitive skills in **Concise Encyclopedia of Brain and Language - Google Books Result** The neurological sequelae of neurodevelopmental disorders often tend to be subtle, For instance, people with autistic spectrum disorders (ASD) tend to have reduced People with Williams syndrome (WS) appear to have particular cortical performance in many different social and cognitive skills including language. **Cognitive & Social Skills in Neurodevelopmental Disorders: An** Cognitive and social skills in neurodevelopmental disorders: An examination of Williams syndrome, Down syndrome and autism. Germany: VDM Publishing. **International Review of Research in Developmental Disabilities - Google Books Result** May 22, 2013 Individuals with autism spectrum disorder (ASD) display a triad of impairments related to Williams syndrome (WS) is a rare genetic disorder caused by a In fact, while few studies have examined the victimization of individuals Finally, Down

syndrome (DS) is the most common chromosomal cause of **Language Characteristics of Individuals with Down Syndrome** **Cognitive & Social Skills in Neurodevelopmental Disorders: An** Pragmatic language skills are often impacted in individuals with intellectual disability, a disability Down syndrome, fragile X syndrome, and Williams syndrome. different cognitive, social, and linguistic domains is of paramount importance in the autism literature, where studies of pragmatics abound, accounting for **Social Phenotypes of Autism Spectrum Disorders and Williams** Williams syndrome (WS) is a complex neurodevelopmental disorder caused by a the seemingly opposite social phenotype to that associated with autism: As fate . similar to those for both TD children and children with Down syndrome (DS), . John and Mervis [in press-a] examined the ability of preschoolers with WS **Cognitive and Behavioral Characteristics of Children with Williams** Examination of the subgroup of participants with WS matched and compared to children with Williams syndrome (WS) is a neurodevelopmental disorder resulting from a Individuals with WS have distinctive medical and cognitive profile (2). poor social skills (7), poor understanding of socially-relevant information (8, 9), **Differences in Social Vulnerability among Individuals with Autism** Feb 6, 2013 We studied two disorders (autism and Williams syndrome [WS]) and two In view of particularly heterogeneous linguistic and cognitive abilities in the delay, intellectual disability, or impaired social skills associated with this disorder. in spontaneous speech of children with ASD and Down syndrome, **Comparison of Grammar in Neurodevelopmental Disorders: The** Mar 28, 2016 Cognitive and social skills in neurodevelopmental disorders: An examination of Williams syndrome, Down syndrome and autism. Germany: **Williams syndrome - Wikipedia** Cognitive & Social Skills in Neurodevelopmental Disorders: An Examination of Williams Syndrome, Down Syndrome and Autism: 9783639089318: Medicine **Sensory Modulation Impairments in Children with Williams Syndrome** Cognitive And Social Skills In Neurodevelopmental Disorders An Examination Of Williams An Examination Of Williams Syndrome Down Syndrome is available on print williams syndrome down syndrome and autism cognitive social skills. **Honing in on the Social Phenotype in Williams Syndrome Using** Oct 12, 2004 skills and the presence of a deviant or delayed pattern of development. conditions to determine if language and/or cognitive profiles are the same or dif- . autism spectrum disorders, fragile X, Williams syndrome, and Down syndrome. .. primarily a social disorder), pervasive developmental disorder **Cognitive and social skills in neurodevelopmental disorders : an** Affiliative behavior in Williams syndrome: social perception and real-life social vulnerability in two neurodevelopmental disorders. abilities of chil- dren with Williams syndrome: a longitudinal examination. Journal of Cognitive Neuroscience, trial of social skills at school for children with autism spectrum disorders.