

Autism spectrum disorders and psychiatric comorbidities: a narrative review

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SUMMARY

Background.

Autism spectrum disorders (ASD) are a group of neurodevelopmental disorders characterized by persistent difficulties in social communication, restricted interests, and repetitive behaviors. Diagnosis can be difficult because of the heterogeneity of clinical and subclinical expression of symptoms among individuals. ASD rarely presents in its pure form, and individuals with ASD are more likely to have comorbid psychiatric disorders than the general population. Symptoms related to psychiatric comorbidities can worsen the clinical course of ASD, and distinguishing psychopathological symptoms from the main or atypical symptoms of ASD can be difficult for clinicians. The aim of this narrative review is to make an overview of psychiatric comorbidities of ASD, updating prevalence, highlighting symptoms and available diagnostic tools, and finally defining possible treatment strategies.

Methods.

This narrative review was conducted first by defining the objective, followed by a research of the scientific literature and data evaluation, and finally by presenting results. Search terms were entered into ERIC, MEDLINE, PsycARTICLES, PsycINFO, Scopus, and PubMed. Only studies published in English were included. Only studies that analyzed autistic traits in severe mental disorders and studies of patients with ASD and severe mental disorders in comorbidity were included. Studies on children, adolescents, and adults were included. Given the breadth and specificity of the topic, studies on psychosis, schizophrenia, gender dysphoria, trauma and post-traumatic stress disorder, substance use disorders, and suicidal behavior were not included in the search terms and are not discussed in this review. The terms and databases were combined using the Boolean search technique to make the search more restrictive and detailed. Tables were then constructed and results were sorted by prevalence, symptoms, diagnostic tools and treatment, and finally discussed in a narrative way.

Results.

The included studies were divided into eight categories based on psychiatric comorbidity in ASD: attention deficit hyperactivity disorders; anxiety disorders; personality disorder; repetitive behaviors and obsessive compulsive disorders; sleep disorders; mood disorders; Tourette syndrome and tic disorder studies; feeding and eating disorder studies.

Discussion.

ADHD has the highest prevalence among psychiatric comorbidities in ASDs, followed by anxiety disorders. The clinical presentation of all the disorders considered is often overlapping with core symptomatology of ASD, although some peculiarities may help clinicians to recognize the presence of a comorbidity. With the exception of few scales adapted for ASD patients, assessment tools available for the diagnosis of psychiatric disorders in the context of ASD are often not adjusted for individuals on the autism spectrum. The co-occurrence of these disorders is usually associated to a worsening of the clinical presentation and to a resistance to conventional treatments, especially pharmacological. Among non-pharmacological treatments, behavioral interventions, and specifically cognitive behavioral therapy, seem to be effective in almost all the psychiatric disorders evaluated in this study.

Conclusions.

Prospective studies with homogeneous samples are needed to develop specific diagnostic tools and dedicated treatments for psychiatric comorbidities in the context of ASD.

Key words: autism spectrum disorders, psychiatric comorbidities, diagnostic features

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Spectrum Of Psychiatric Research

Professor Carmen-Pilar Martí Ballester



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The spectrum of psychiatric research. (Editorials from Psychological Medicine). Michael editor Shepherd,1984

Spectrum of Psychiatric Research ,1984 *Current MEG Research in Psychiatry* Yoji Hirano,Peter Uhlhaas,2021-03-22

The Oxford Handbook of Autism and Co-Occurring Psychiatric Conditions Susan W. White,Brenna B.

Maddox,Carla A. Mazefsky,2020-02-03 Co occurring psychiatric conditions are extremely common among people who have autism spectrum disorder ASD The Oxford Handbook of Autism and Co Occurring Psychiatric Conditions presents a compilation of the latest research in this area summarized by internationally renowned experts Each chapter presents an overview of the problem or disorder including information on prevalence in ASD and in the general public and a synthesis of the research on etiology diagnostic best practices and evidence based intervention approaches Case studies bring these concepts to life and each chapter concludes with suggestions for future research directions in order to further develop our scientific and clinical understanding of the particular comorbidity Given the fact that comorbidity is often a chronic and pervasive concern this Handbook takes a lifespan approach with each chapter touching on developmental aspects of the targeted problem from early childhood through adulthood The concluding section of the Handbook is comprised of content on clinical considerations and research approaches including chapters on medications commonly used to treat co occurring conditions strategies for managing crisis situations in this clinical population and community partnerships within an implementation science framework *Autistic People With Co-occurring Psychological Conditions* Gabriel Bennett,Emma Goodall,2024-04-16 This book provides a comprehensive overview of the experiences and challenges faced by autistics who also have co occurring psychological conditions such as anxiety depression and gender dysphoria The topic of autistics with co occurring psychological conditions is currently of particular importance to the field of autism research because research has shown that a significant proportion of autistics also have co occurring psychological conditions However these co occurring conditions are often overlooked or misdiagnosed which can lead to inappropriate or ineffective treatment This book fills a critical gap in the literature by providing a comprehensive resource that addresses the specific needs of this population This book aims to increase understanding and awareness of these co occurring conditions among autistics their families caregivers and mental health professionals *Autism: Innovations and Future Directions in Psychological Research* Emma Gowen,Christine M. Falter-Wagner,Laura Crane,2022-02-14 *The Oxford Handbook of Personality Disorders* Thomas A. Widiger,2012-09-13 This text provides a summary of what is currently known about the diagnosis assessment construct validity etiology pathology and treatment of personality disorders It also provides extensive coverage of the many controversial changes for the DSM 5 including chapters by proponents and opponents to these changes **The Wiley Handbook of Obsessive Compulsive Disorders** Jonathan S. Abramowitz,Dean McKay,Eric A. Storch,2017-06-13 The Wiley Handbook of Obsessive Compulsive Disorders 2 volume set provides a comprehensive reference on the phenomenology

epidemiology assessment and treatment of OCD and OCD related conditions throughout the lifespan and across cultures Provides the most complete and up to date information on the highly diverse spectrum of OCD related issues experienced by individuals through the lifespan and cross culturally Covers OCD related conditions including Tourette s syndrome excoriation disorder trichotillomania hoarding disorder body dysmorphic disorder and many others OCD and related conditions present formidable challenges for both research and practice with few studies having moved beyond the most typical contexts and presentations Includes important material on OCD and related conditions in young people and older adults and across a range of cultures with diverse social and religious norms

7th International Conference on Gender Research Professor Carmen-Pilar Martí Ballester ,2024-04-25 These proceedings represent the work of contributors to the 7th International Conference on Gender Research ICGR 2024 hosted by The Universitat Autònoma de Barcelona Spain on 25-26 April 2024 The Conference Chair was Professor Carmen Pilar Martí Ballester from the Universitat Autònoma de Barcelona Spain ICGR is a well established event on the academic research calendar and now in its 7th year the key aim of this diverse conference is to provide an opportunity for participants from different backgrounds and cultures to share ideas and meet the people who hold them The scope of papers ensured an interesting two days The subjects covered in these proceedings illustrate the wide range of topics that fall into this important and ever growing area of research

Schizophrenic Speech Peter J. McKenna, Tomasina M. Oh, 2005-02-17 This book reviews our knowledge of the incoherent speech which can present as a symptom of schizophrenia This is one of the most researched symptoms in the disorder The content covers clinical presentation differential diagnosis and the theories proposed to account for the symptom in these thought disordered patients ranging from the psychoanalytic to there being a form of aphasia involved The book is unique in its ability to apply linguistic and neuropsychological approaches to the understanding of this condition and is the first book to cover comprehensively the range of clinical studies that followed the introduction of Andreasen s rating scale for what was then called thought language and communication disorder This book is essential reading for all those working in the field of schizophrenia and also for those interested in language and disorders of speech

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