communication and behaviour. Timely identification of ASD is pivotal for effective intervention. However, significant gaps persist in our understanding of early signs and biomarkers, particularly among infants with older siblings already diagnosed with ASD. Furthermore, factors during the perinatal and neonatal period remain underexplored.
Objectives: This systematic review aims to investigate early autism markers within this specific cohort and assess their potential impact on intervention strategies.
Methods: A thorough search of electronic databases, including PubMed, PsycINFO, and Scopus, was conducted, initially identifying 161 relevant papers related to ASD and resilience published from 2013 to 2023. After excluding studies focused on environmental determinants of resilience in ASD, 75 papers remained. We concentrated on studies examining early identification of autism, especially in infants with older siblings with ASD, biomarker discovery, or predictive factors within this unique population. The search strategy employed a diverse set of keywords encompassing ASD, genetics, neurobiology, and the perinatal period to ensure comprehensive coverage of pertinent studies. Quality assessment of each study followed standardized criteria, and data synthesis utilized a thematic analysis approach.
Results: Our systematic exploration revealed a spectrum of early markers associated with ASD in high-risk infants, spanning behavioural, neurodevelopmental, genetic, and perinatal domains. Recognizing these early indicators offers promise for timely and potent intervention strategies, potentially refining long-term outcomes for children at risk of ASD.
Discussion: The synthesis of existing research in this systematic review underscores the significance of studying early markers within high-risk populations. Early intervention, guided by these markers, holds the potential to enhance the quality of life for at-risk children with ASD and their families. This review contributes to our understanding of the early identification of autism and emphasizes the imperative need for continued research in this critical area.
Conclusions: This systematic review sheds light on the current state of research on early signs and biomarkers of autism in infants with older siblings diagnosed with ASD. The findings carry significant implications for the development of targeted interventions that can be implemented at an earlier stage of development. Future research should further investigate these markers and their potential role in guiding early and effective intervention strategies.
Keywords: Autism Spectrum Disorder, early signs, biomarkers, infants, older siblings, early intervention, high-risk population.

Disclosure of Interest: None Declared

EPV0168

Food intake restriction in patient with autism spectrum disorder and Moebius syndrome, a strong association. A case report

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doi: 10.1192/j.eurpsy.2024.942

Introduction: A 7-year-old male diagnosed with autism spectrum syndrome and moebius syndrome was admitted to the psychiatric inpatient unit for a 3-week history of food restriction
Objectives: To show the importance of exploring symptoms of autism in patients diagnosed with moebius syndrome in order to optimize the intervention of the difficulties that may arise.
Methods: Case report and literature review
Results: This is a patient with a history of Moebius Syndrome, who required trauma surgery for a clubfoot in April 2019. In early childhood he needs early psychomotor care. He has an IQ of 91. A diagnosis of autism was made in 2018 highlighting high difficulty for social interaction and communication, with repetitive patterns of behavior and marked restricted interests. The patient came to the emergency room after 3 weeks of food restriction. His parents explain that about a month ago the patient witnessed one of his classmates having an episode of vomiting. Since then he has been afraid that he might vomit. They explain that he constantly asks about food expirations, needing to ask before each meal if it will sit well in his stomach. He has noticeably decreased the amount of food he eats and is becoming more selective with food. In the last week he has lost 2 kilograms. During the hospitalization we worked with the patient on his fears about intakes, achieving a weight recovery and normalizing his eating habits.
Conclusions: This case points out the association between Moebius syndrome and autism spectrum disorder. In addition, it reflects the importance of early diagnosis, since in this case it was essential to know the patient's tendency to literalism and rigid thinking in order to receive effective treatment to achieve renutrition. Moebius syndrome is a rare congenital disorder with a prevalence of less than 0.05%, characterized by congenital facial paralysis associated with absence of abduction of the eyes due to alterations of the VI and VII cranial nerves. It presents multiple craniocephalic, musculoskeletal, neurological or ophthalmological manifestations. Different studies have found an association between autism spectrum disorder and Moebius syndrome, with comorbidity between 25-40%, varying according to the studies.

Disclosure of Interest: None Declared

EPV0169

Vortioxetine as an effective drug in the treatment of depression in adolescents with long QT index. A case report

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doi: 10.1192/j.eurpsy.2024.943

Introduction: This is a 13-year-old female patient admitted to the psychiatric unit active suicidal ideation.
Objectives: the objective is to show through a clinical case how vortioxetine can be safe in adolescents.
Methods: Case report and literature review