Impact of Parents psychiatric disorders on the evolution of children Autism spectrum disorder

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Introduction

Having a parent with a psychiatric disorder have an impact on the well being and the development of the child. Is there an influence on the evolution of the Autism spectrum disorder (ASD) by this fact?

Aim

To Determine the relation between parents' history of psychiatric disorder and the evolution of the severity of the ASD

Methods

Type: Retrospective study

Population: Children diagnosed with ASD, who have been followed for at least 3 years, in the outpatient unit of child psychiatry. We recruited 287 Children with ASD

Location and Period: In the outpatient unit of Child Psychiatry, University hospital of Monastir, Tunisia; from 2010 to 2012.

Tools: Childhood Autism Rating Scale: Severity Evaluation of the ASD
Psychiatric interview, DSM-5 criteria: ASD diagnosis

Results

Average Age at Diagnosis	3.88 ± 2.79
Sex Ratio	3.9
Mother's Average Age at Diagnosis	30.52 ± 5.70
Father's Average Age At Diagnosi	36.58 ± 6.59
CARS First Evaluation	37.92 ± 7.54.
CARS Last Evaluation	25.85 ± 13.49

Population Characteristics

	With Parent's History	Without Parent's History	p
CARS First Evaluation	37.34± 7.82	38.79± 8.09	.442
CARS Last Evaluation	30±8.34	31.37± 8.87	.633

Relationship between Parent's History and CARS evolution

Parent's History of psychiatric disorders

Conclusions

We did not found any correlation between having a praents with a history of psychiatric disorders and the severity of ASD at the first evaluation, nor with the evolution after intervention. However, this study suffer many biases, principally the very size of our simple. We need to preceed further investigations to make conclusion.