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ARTICLE: High Depressive Symptoms, Low Family Functioning, and Low Self-Efficacy in Mothers of Children With Autism Spectrum Disorder Compared to Two Control Groups

Families of children with autism spectrum disorder (ASD) face unique challenges in raising their children, and health providers, including nurses and psychiatric nurse practitioners endeavor to provide care and support. There has been increased access to services, public awareness, and community acceptance of the ASD diagnosis over the past two decades.

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Table 1. Sample Demographics.				
Demographics	Total sample, $n = 245$	ASD group, $n = 101$	DS group, $n = 101$	TD group, $n = 43$
Mother characteristics				
Age (mean)	39.6	40.2	40.0	37.5
Race				
White	188 (77.0%)	73 (72.3%)	81 (81.0%)	34 (79.1%)
Black/African American	27 (11.1%)	14 (13.9%)	9 (9.0%)	4 (9.3%)
Multiracial	12 (4.9%)	6 (5.9%)	3 (3.0%)	3 (7.0%)
Asian	9 (3.7%)	3 (3.0%)	5 (5.0%)	I (2.3%)
Hispanic	8 (3.3%)	5 (5.0%)	2 (2.0%)	I (2.3%)
Marital status				
Now married	198 (82.2%)	78 (77.2%)	86 (88.7%)	34 (79.1%)
Never married	25 (10.4%)	13 (12.9%)	6 (6.2%)	6 (14.0%)
Divorced	12 (5.0%)	6 (5.9%)	4 (4.1%)	2 (4.7%)
Separated	6 (2.5%)	4 (4.0%)	1 (1.0%)	I (2.3%)
Education				
High school diploma	17 (6.9%)	9 (8.9%)	7 (6.9%)	I (2.3%)
2-year college	40 (16.3%)	20 (19.8%)	18 (17.8%)	2 (4.7%)
Bachelor's degree	97 (39.6%)	38 (37.6%)	39 (38.6%)	20 (46.5%)
Graduate degree	91 (37.1%)	34 (33.1%)	37 (36.6%)	20 (46.5%)
Employment				
Employed full-time	147 (60.0%)	60 (59.4%)	58 (57.4%)	29 (67.4%)
Employed part-time	45 (18.4%)	18 (17.8%)	19 (18.8%)	8 (18.6%)
Homemaker	44 (18.0%)	17 (16.8%)	22 (21.8%)	5 (11.6%)
Out of work or unable to work	9 (3.6%)	6 (5.9%)	2 (2.0%)	I (2.3%)
Annual household income	(,	,	,	()
Under US\$24,999	13 (5.4%)	6 (6.0%)	5 (5.1%)	2 (4.7%)
US\$25 to 49,999	25 (10.3%)	11 (11.0%)	8 (8.1%)	6 (14.0%)
US\$50 to 74,999	35 (14.5%)	20 (20.0%)		, , , , ,

Group Comparisons of Maternal Self-Efficacy, Family Functioning, Child Behavior, and Child The summary statistics for the measures of maternal self-efficacy, family functioning, and child behavior and symp-toms are presented in Table 3. In bivariate analysis, the mean maternal self-efficacy scores were significantly dif-ferent across the three groups, with the mothers in the ASD group reporting the lowest self-efficacy. However, in a regression model adjusting for depressive symptoms, fam-ily functioning, child's gender, and the presence of a part-ner in the home, this difference in self-efficacy was no lopeer significant. In the funditusted model a binber pro-

Raw PHQ-9 mean score Adjusted PHQ-9 mean score Estimated difference in means vs. ASD Estimated difference in means vs. DS

Given that parents of children with ASD are at increased risk for depression, and that ASD cannot be diagnosed until 12 to 18 months with the average age of diagnosis at 4 years old, regular parental depression screening beyond the first year of life is warranted and can be incorporated into the child's ongoing care.

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