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**Extending the Parent-Delivered Early Start Denver Model to Young Children with Fragile X Syndrome**

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**Abstract:** This is the first study to evaluate an autism intervention model, the parent-delivered Early Start Denver Model (P-ESDM), for young children with fragile X syndrome (FXS), a known genetic disorder associated with autism spectrum disorder. Four parent-child dyads participated in a low-intensity, parent coaching model of the P-ESDM to evaluate initial efficacy and acceptability. Parents improved in P-ESDM fidelity, implemented intervention goals to increase child learning, and found the experience moderately to highly acceptable. Visual examination and Baseline Corrected Tau effect sizes revealed mixed results across child measures. Findings suggest a potential therapeutic opportunity in need of larger, well-controlled studies of P-ESDM and other interventions for families of young children with FXS who face limited empirically-supported intervention options.