

Evidence for Parent Implemented, Developmental Relationship-based Models  
for Autism Early Intervention  
**Review Articles**

Wong, C., Odom, et.al. *Evidence-based practices for children, youth, and young adults with Autism Spectrum Disorder*. Chapel Hill: The University of North Carolina, Frank Porter Graham Child Development Institute, Autism Evidence-Based Practice Review Group. This report is available at: <http://autismpdc.fpg.unc.edu/sites/autismpdc.fpg.unc.edu/files/2014-EBP-Report.pdf>

(**Note 1:** See page 68 for the list of PIM studies. PIM are considered 'evidence-based research' in this review.)

(**Note 2:** This group is re-reviewing evidence in 2018)

Smith T, & Iadarola S. (2015) *Evidence-based update for Autism Spectrum Disorders*. Journal of Clinical Child & Adolescent Psychology, 44(6), 897-922. (Developmental Social Pragmatic (DSP) Parent Training research is considered 'probably efficacious' in this article.)

Mercer J. (2015) *Examining DIR/Floortime as a Treatment for Children with Autism Spectrum Disorders: A Review of Research and Theory*. Research on Social Work Practice. May, 1-11. (DIR/Floortime is considered to be 'evidence-based practice' in this review.)

**Randomized Controlled Trials (RCT)**  
**Research Articles\***  
(Derived from the above reviews)

**\*Note:** All the articles below represent *program-based interventions* for young children with ASD that use Parent Implemented Models with a 'developmental, relationship-based' or 'social pragmatic' framework. None of the programs use behaviorist/ABA methodology as a predominant intervention.

1. Casenhiser, D, Shanker, S. & Stieben, J. (2011). *Learning through interaction in children with autism: Preliminary data from a social-communication-based intervention*. Autism. 0(0) 1-22.
2. Casenhiser, D, Binns, A., McGill, F., Morderer, O. & Shanker, S. (2015). *Measuring and supporting language function for children with autism: Evidence from a randomized control trial of a social-interaction based therapy*. J Autism Dev Disord. Mar, 45(3):846:57
3. Drew, A.; Baird, G.; Baron-Cohen, S.; Cox, A.; Slonims, V.; Wheelwright, S.; Swettenham, J.; Berry, B., & Charmin, T. (2002). *A pilot randomised control trial of a parent training intervention for pre-school children with autism*. European Child & Adolescent Psychiatry, 11, 266-272.
4. Green, J.; Charman, T.; McConachie, H.; Aldred, C.; Slonims, V.; Howlin, O.; Le Couteur, A.; Leadbitter, K.; Hudry, K.; Byford, S.; Barrett, B.; Temple, K.; MacDonald, W.; Pickles, A.; & the PACT Consortium (2010). *Parent mediated communication-focused treatment in children with autism (PACT): A randomized controlled trial*. Lancet, published online May 21, 2010. DOI:10.1016/S0140-6736(10)605787-9.
5. Jocelyn, L. J., Casiro, O. G., Beattie, D., Bow, J., & Kneisz, J. (1998). *Treatment of children with autism: A randomized controlled trial to evaluate a caregiver-based intervention program in community day-care centers*. Journal of Developmental & Behavioral Pediatrics, 19(5), 326-334. doi: 10.1097/00004703-199810000-00002

6. Kasari, C., Freeman, S., & Paparella, T. (2006). *Joint attention and symbolic play in young children with autism: A randomized controlled intervention study*. Journal of Child Psychology and Psychiatry, 47(6), 611-620.
7. Kasari, C., Paparella, T., Freeman, S. & Jaromi, L. B. (2008). *Language outcome in autism: Randomized comparison of joint attention and play interventions*. Journal of Consulting and Clinical Psychology, 76 (1), 125-137.
8. Kasari, C., Gulsrud, A., Wong, C., Kwon, S., & Locke, J: (2010) *Randomized controlled caregiver mediated joint engagement intervention for toddlers with autism*. Journal of Autism and Developmental disorders, 40(9), 1045-1056
9. Lal, R., & Chhabria, R. (2013). *Early intervention of autism: A case for Floor Time approach*. Recent Advances in Autism Spectrum Disorders. Retrieved from [www.intechopen.com/books/recent-advances-in-autism-spectrum-disorders-volume-1](http://www.intechopen.com/books/recent-advances-in-autism-spectrum-disorders-volume-1)
10. Pajareya, K. & Nopmaneejumrulers, K. (2011). *A pilot randomized controlled trial of DIR/Floortime parent training intervention for pre-school children with autistic spectrum disorders*. Autism, 15(2) 1-15.
11. Raham, A., Divan, G, Hamdami, S.U., Vajaratkar, V., Taylor, C., Leadbitter, K., Aldred, C., Minhas, A., Cardozo, P., Emsley, R., Patel, V. & Green, J. (2016) *Effectiveness of the parent-mediated intervention for children with autism spectrum disorder in South Asia in India and Pakistan: A randomized controlled trial*. Lancet, 3(2), 128-136.
12. Rickards, A. L., Walstab, J. E., Wright-Rossi, R. A., Simpson, J., & Reddihough, D. S. (2007). *A randomized, controlled trial of a home-based intervention program for children with autism and developmental delay*. Journal of Developmental & Behavioral Pediatrics, 28(4), 308-316. doi: 10.1097/DBP.0b013e318032792e
13. Siller, M., Hutman, T., & Sigman, M. (2013). *A parent-mediated intervention to increase responsive parental behaviors and child communication in children with ASD: A randomized, clinical trial*. Journal of Autism and Developmental Disorders. March. 43(3), 540-550.
14. Siller, M., Swanson, M., Gerber, A., Hutman, T. & Sigman, M. (2014) *A parent-mediated intervention that targets responsive parental behaviors increases attachment behaviors in children with ASD: Results from a randomized, clinical trial*. Journal of Autism and Developmental Disorders, 44:1720-1732
15. Solomon R, Van Egeren L, Mahoney G, Quon-Huber M, Zimmerman P. (2014) *PLAY Project Home Consultation Intervention Program for Young Children with Autism Spectrum Disorders: A Randomized Controlled Trial*. J Dev Beh Pediatrics. 35(8): 475-485.
16. Wetherby, A., Guthrie, w., Woods, J., Schatschneider, C., Holland, R., Morgan, L & Lord, C. (2014) *Parent-implemented social intervention for toddlers with autism: an RCT*. Pediatrics, 134(6), 1084-93.