

Tabel 1. Description of studies included in Parent mediated intervention recommendation

Author, Year, Ref.	Age of children	Type and content of intervention	Type of comparator	Length of intervention	Comment
<i>Aldred, C. et al. (2004)</i>	2-5 years	Individually delivered social communication intervention. Parents are trained in shared attention, adaptive communication.	Treatment as usual	6 months monthly sessions, 6 months bi-monthly sessions.	Also included in Language interventions recommendation.
<i>Aman, M. et al. (2009)</i>	4-13 years	Medication and individually delivered parent training. Adaptive skills, social communication, visual communication, positive reinforcement, compliance.	Medication alone	Max. 17 sessions	
<i>Barret, A.C. et al. (2020)</i>	1.5-4.5 years	Individually delivered parent training; <i>Pivotal Response Intervention for Social Motivation (PRISM)</i> . Behavioral reinforcement of child communication. Parent education.	Wait list	6 months, $M=6.81$ h. /week	
<i>Bearss, K. et al., (2015)</i>	3-7 years	Individually delivered parent training to manage disruptive behaviour. Behavioral analysis, reinforcement of adaptive strategies, management of noncompliance.	12 sessions parent education in autism, no management strategies.	12 sessions, 1 home visit, 2 optional sessions, 6 parent-child coaching sessions. 2 telephone booster sessions. Max 23 sessions.	
<i>Brian, J.A. et al., (2017)</i>	16-30 months	Home-based, individually delivered "Social ABCs" (Pivotal Response Treatment principles). Behavioral, play-based reinforcement of child communication, functional communication.	Treatment as usual with restrictions of other parent interventions	12 weeks	

<i>Dawson, G. et al., (2010)</i>	18-30 months	Individually delivered "Early Start Denver Model" (ESDM), additional therapist training of child. Behavioral reinforcement of child social communication and language acquisition. Both parent training and in-home clinician coaching/training.	Treatment as usual + recommendations, referrals.	2 years in total. Number of parent training sessions not reported	
<i>Drew, A. et al., (2002)</i>	21-36 months	Individually delivered social-pragmatic joint attention focused parent training. Reinforcement of joint attention, communication, language, management of disruptive behaviour.	Treatment as usual	12 months, number of sessions not reported.	Also included in Language interventions recommendation.
<i>Gengoux, G.W. et al., (2019)</i>	2-5 years	Individually delivered <i>Pivotal Respons Treatment</i> . Behavioral reinforcement of child social communication and language acquisition. Both parent training and in-home clinician coaching/training.	Delayed Treatment	24 weeks. 15 sessions parent training + children trained by clinician at home.	Also included in Language interventions recommendation.
<i>Ginn, N.C. et al., (2017)</i>	3-7 years	Individually delivered <i>Child-Directed Interaction Training (CDIT)</i> . Intervention target is prosocial behaviours, increased positive parenting, reduction of disruptive behaviour and parent stress.	Wait list	8 sessions/ 10 weeks	
<i>Green, J. et al., (2010)</i>	2-4 years	Individually delivered <i>Preschool Autisme Communication Trial (PACT)</i> . Targets social interactive and communication impairments, increase	Treatment as usual	18 sessions/6 months.	Also included in Language interventions recommendation.

		parental responsiveness in order to decrease child impairment. Child+ parents trained.			
<i>Hardan, A. Y. et al., (2015)</i>	2-6 years	Group <i>Pivotal Response Treatment</i> . Intervention targets behavioral reinforcement of child social communication and language acquisition.	12 weeks of psychoeducation	12 sessions/12 weeks	Also included in Language interventions recommendation.
<i>Iadarola, S. et al., (2018)</i>	3-7 years	Individually delivered parent training with a focus on reducing disruptive behaviour, behavioural reinforcement and behavioural analysis. Day care + parent training with a focus on child social communication, functional analysis.	13 weeks of psychoeducation. No management strategies	16 weeks /15 sessions	
<i>Jocelyn, L.J. et al., (1998)</i>	24-72 months	Day care + parent training with a focus on child social communication, functional analysis.	Day care alone	12 weeks	
<i>Kasari, C. et al., (2010)</i>	21-36 months	Individually delivered joint attention parent training. Focus on joint attention, play skills, behavioural reinforcement of child respons.	Wait list	24 sessions/8 weeks	Also included in Interventions for training Social Skills recommendation
<i>Kuravackel, G.M. (2018)</i>	3-12 years	Group and individually delivered <i>COMPASS for Hope (C-HOPE)</i> parent training, content is behavioural analysis, psychoeducation, reinforcement of child response, supporting positive behaviour.	Wait list	8 sessions	
<i>Lecavalier, L. et al., (2018)</i>	5-14 years	Placebo + Individually delivered parent training. Parent training targets disruptive behaviour.	Placebo	10 weeks	
<i>Pajareya, K., et al., 2011</i>	2-6 years	Individually delivered <i>DIR Floortime</i> parent training, social-pragmatic	Treatment as usual	15 hours	

		communication intervention.			
<i>Reitzel, J., et al., (2013)</i>	38-84 months	Group based <i>Functional behaviour Skills Training</i> with parents and children. Focus on functional play, reciprocal communication, reinforcement of adaptive behaviour.	Treatment as usual	2 h weekly sessions/ 4 months.	
<i>Siller, M. et al., (2013)</i>	32-82 months	Individually delivered <i>Focused Playtime Intervention</i> . Parent training targeting parental responsiveness to child's communication, reinforcement of child initiatives, play+ Parent education.	Control group (including parent education)	12 weeks	
<i>Solomon, M. et al., (2008)</i>	5-12 years	Individually delivered <i>Parent Child Interaction Therapy</i> . Targets disruptive behaviour and reinforcement of positive behaviour.	Wait list	13 sessions	
<i>Solomon, R. et al., (2014)</i>	2-6 years	Individually delivered home-based <i>PLAY</i> intervention, focus on enhancing child development and social communication through play.	Treatment as usual	3 h months/12 months	Also included in Interventions for training Social Skills recommendation
<i>Tonge, B. et al., (2014)</i>	23-70 months	Group-and individually delivered <i>Preschool with Autism Parent</i> training programme, cognitive-behavioural parent training with focus on psychoeducation, behavioral reinforcement of child behaviour and social communication, parent support.	Treatment as usual	20 weeks	

Valeri, G. et al., (2019)	2-11 years	Individually based <i>Cooperative parent-mediated therapy</i> . Focus on social communication, emotion regulation, joint attention, cognitive flexibility, imitation. Administred in addition to low intensity psychosocial intervention (TEACCH based).	Low intensity psychosocial intervention (TEACCH-based)	15 sessions/6 months
Vernon, T. W., et al, (2019)	1.5-4.5 years	Individually delivered <i>Pivotal Response Intervention for Social Motivation (PRISM)</i> . Behavioral reinforcement of child communication and social response. Parent education.	Wait list	, 10 h/week, 26 weeks
Wittingham, K., et al., (2009).	2-9 years	Group-and individually based <i>Stepping Stones Tripple P</i> parenting programme. Focus on parent management of child behaviour, parenting strategies.	Wait list	8 weeks
Williams, M.E. et al, (2020)	3-8 years	Group-based <i>Incredible Years Autism Spectrum and Language Delay (IY-ASLD)</i> . Focus on parent-child relationship, child development, social, emotional and adaptive skills.	Wait list	2 h/week, 12 weeks
Wong, C.C.N., et al., (2010)	17-36 months	Individually based parent training in <i>Autism 1-2-3</i> . Focus on eye contact, gestures and communication.	No intervention control	5 days/week, 2 weeks