

Table 1. Characteristics of included studies

Study	Intervention		Comparison		Outcomes of interest reported
	Characteristics	Type	Characteristics	Type	
- Choque-Olsson, 2017	n = 150 Mean age (SD): 11.8 (2.6) years Male (%): 70.3% Mean IQ (SD): 97.5 (13.2)	KONTAKT plus standard care 1x1 hr/wk (8-12 years) for 12 weeks 1x1.5 hr/wk (13-18 years) for 12 weeks	n = 146 Mean age (SD): 11.8 (2.6) years Male (%): 70.3% Mean IQ (SD): 97.5 (13.2)	Standard care alone	Social skills (ABAS) Social performance (SRS(-2))
- Corbett, 2016	n = 17 Mean age (SD): 11.0 (2.2) years Male (%): 72.7% Mean IQ (SD): 101.6 (19.2)	SENSE Theater 1x4 hr/wk for 10 weeks	n = 16 Mean age (SD): 11.0 (2.2) years Male (%): 72.7% Mean IQ (SD): 101.6 (19.2)	Waitlist control	Social skills (ABAS) Social performance (SRS(-2))
- Freitag, 2016	n = 101 Mean age (SD): 12.8 (2.6) years Male (%): 92.8% Mean IQ (SD): 101.9 (14.5)	SOSTA-FRA (plus TAU) 12x1.5 hr sessions over 14 weeks	n = 108 Mean age (SD): 12.8 (2.6) years Male (%): 92.8% Mean IQ (SD): 101.9 (14.5)	TAU (alone)	Social performance (SRS(-2))
- Jonsson, 2019	n = 23 Mean age (SD): 12.8 (2.7) years Male (%): 70.0% Mean IQ (SD): 97.0 (12.0)	KONTAKT plus standard care (extended) 1x1 hr/wk (8-12 years) for 24 weeks 1x1.5 hr/wk (13-18 years) for 24 weeks	n = 27 Mean age (SD): 12.8 (2.7) years Male (%): 70.0% Mean IQ (SD): 97.0 (12.0)	Standard care alone	Social skills (ABAS) Social performance (SRS(-2))
- Laugeson, 2009	n = 17 Mean age (SD): 14.6 (1.4) years Male (%): 84.8% Mean IQ (SD): 92.3 (18.8)	PEERS 1x1.5 hr/wk for 12 weeks	n = 16 Mean age (SD): 14.6 (1.4) years Male (%): 84.8% Mean IQ (SD): 92.3 (18.8)	Waitlist control	Number of friends (QPQ/QSQ) Quality of friendships (FQS) Social skills (SSRS/SSIS-RS)
- Matthews, 2018	n = 10 Mean age (SD): 15.2 (1.2) years Male (%): 81.7% Mean IQ (SD): 100.6 (17.9)	PEERS 1x1.5 hr/wk for 14 weeks	n = 12 Mean age (SD): 15.2 (1.2) years Male (%): 81.7% Mean IQ (SD): 100.6 (17.9)	Waitlist control	Number of friends (QPQ/QSQ) Social skills (SSRS/SSIS-RS) Social performance (SRS(-2))
- Rabin, 2021	n = 40 Mean age (SD): 14.4 (1.8) years Male (%): 89.0% Mean IQ (SD): NR	PEERS 1x1.5 hr/wk for 16 weeks	n = 42 Mean age (SD): 14.4 (1.8) years Male (%): 89.0% Mean IQ (SD): NR	Waitlist control	Social skills (SSRS/SSIS-RS) Social performance (SRS(-2))
- Schohl, 2014	n = 34 Mean age (SD): 13.7 (1.5) years	PEERS 1x1.5 hr/wk for 14 weeks	n = 29 Mean age (SD): 13.7 (1.5) years	Waitlist control	Number of friends (QPQ/QSQ)

	Male (%): 74.6% Mean IQ (SD): 100.3 (16.2)		Male (%): 74.6% Mean IQ (SD): 100.3 (16.2)		Quality of friendships (FQS) Social skills (SSRS/SSIS-RS) Social performance (SRS(-2))
- <i>Shum, 2019</i>	n = 38 Mean age (SD): 13.5 (1.0) years Male (%): 79.2% Mean IQ (SD): 101.5 (16.8)	PEERS 1x1.5 hr/wk for 14 weeks	n = 34 Mean age (SD): 13.5 (1.0) years Male (%): 79.2% Mean IQ (SD): 101.5 (16.8)	Waitlist control	Number of friends (QPQ/QSQ) Social performance (SRS(-2))
- <i>Vernon, 2018</i>	n = 16 Mean age (SD): 13.5 (1.5) years Male (%): 68.6% Mean IQ (SD): 98.2 (18.4)	START 1x1.5 hr/wk for 20 weeks	n = 19 Mean age (SD): 13.5 (1.5) years Male (%): 68.6% Mean IQ (SD): 98.2 (18.4)	Waitlist control	Social skills (SSRS/SSIS-RS) Social performance (SRS(-2))
- <i>White, 2013</i>	n = 15 Mean age (SD): 14.6 (NR) years Male (%): 76.7% Mean IQ (SD): 97.1 (14.5)	MASSI Individual: 12-13 x 1-1.2 hr Group: 7x1.25 hr sessions	n = 15 Mean age (SD): 14.6 (NR) years Male (%): 76.7% Mean IQ (SD): 97.1 (14.5)	Waitlist control	Social performance (SRS(-2))
- <i>Yoo, 2014</i>	n = 23 Mean age (SD): 13.8 (1.6) years Male (%): 93.6% Mean IQ (SD): 99.9 (15.9)	PEERS 1x1.5 hr/wk for 14 weeks	n = 24 Mean age (SD): 13.8 (1.6) years Male (%): 93.6% Mean IQ (SD): 99.9 (15.9)	Waitlist control	Number of friends (QPQ/QSQ)
Ashori, 2019	n = 12 Mean age (SD): 7.2 (0.7) years Male (%): 100% Mean IQ (SD): NR	Sixteen video modeling sessions 1 session a day, 3 times per week	n = 12 Mean age (SD): 7.1 (0.5) years Male (%): 100% Mean IQ (SD): NR	Waitlist control	Social skills (ASSP)
Corbett, 2019	n = 44 Mean age (SD): 11.1 (2.5) years Male (%): 75.0% Mean IQ (SD):	SENSE Theater 1x4 hr/wk for 10 weeks	n = 33 Mean age (SD): 10.6 (2.3) years Male (%): 78.8% Mean IQ (SD):	Waitlist control	Interaction (PIP)
Dekker, 2019	n = 47 Mean age (SD): 10.9 (0.7) years Male (%): 87% Mean IQ (SD): 102.5 (14.8)	SST Based on behavioral therapeutic principles and the social learning theory 1x1.5 hr/wk for 15 weeks	n = 24 Mean age (SD): 11.2 (0.9) years Male (%): 92% Mean IQ (SD): 105.6 (13.1)	Care as usual	Social skills (SSRS)
Ko, 2019	n = 16 Mean age (SD): 13.3 (1.5) years Male (%): 69% Mean IQ (SD): 99.1 (16.6)	START 1x1.5 hr/wk for 20 weeks	n = 19 Mean age (SD): 13.7 (1.5) years Male (%): 68% Mean IQ (SD): 94.1 (19.3)	Waitlist control	Interaction (questions asked)
Luckhardt, 2018	n = 17	SOSTA-FRA (plus TAU)	n = 16	TAU (alone)	Social performance (SRS)

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Richtlijn Autismespectrumstoornissen kinderen en jeugd 2025

	Mean age (SD): 12.7 (3.0) years Male (%): 94.1% Mean IQ (SD): 102.0 (19.0)	12x1.5 hr sessions for 12 weeks	Mean age (SD): 13.1 (3.0) years Male (%): 87.5% Mean IQ (SD): 102.5 (15.0)		
Shih, 2018	n = 39 Mean age (SD): 8.3 (1.9) years Male (%): 87.2% Mean IQ (SD): 89.7 (18.4)	RR 16-20 sessions of 20-30 min over 12 weeks	n = 41 Mean age (SD): 8.7 (1.6) years Male (%): 95.1% Mean IQ (SD): 93.4 (12.6)	Waitlist control	Interaction (POPE/joint engagement)

Abbreviations: ABAS = adaptive behavior assessment system; ASSP = autism social skills profile; FQS = friendship quality scale; IQ = intelligence quotient; MASSI = multimodal anxiety and social skills intervention; NR = not reported; PEERS = program for the education and enrichment of relational skills; PIP = peer interaction paradigm; POPE = playground observation of peer engagement; QPQ = quality of play scale; QSQ = quality of socialization questionnaire; RR = remaking recess; SD = standard deviation; SRS = social responsiveness scale; SSIS-RS = social skills improvement system rating scales; SSRS = social skills rating scales; SST = social skills training; START = social tools and rules for teens; TAU = treatment as usual; VABS = vineland adaptive behavior scales