

Participant flow

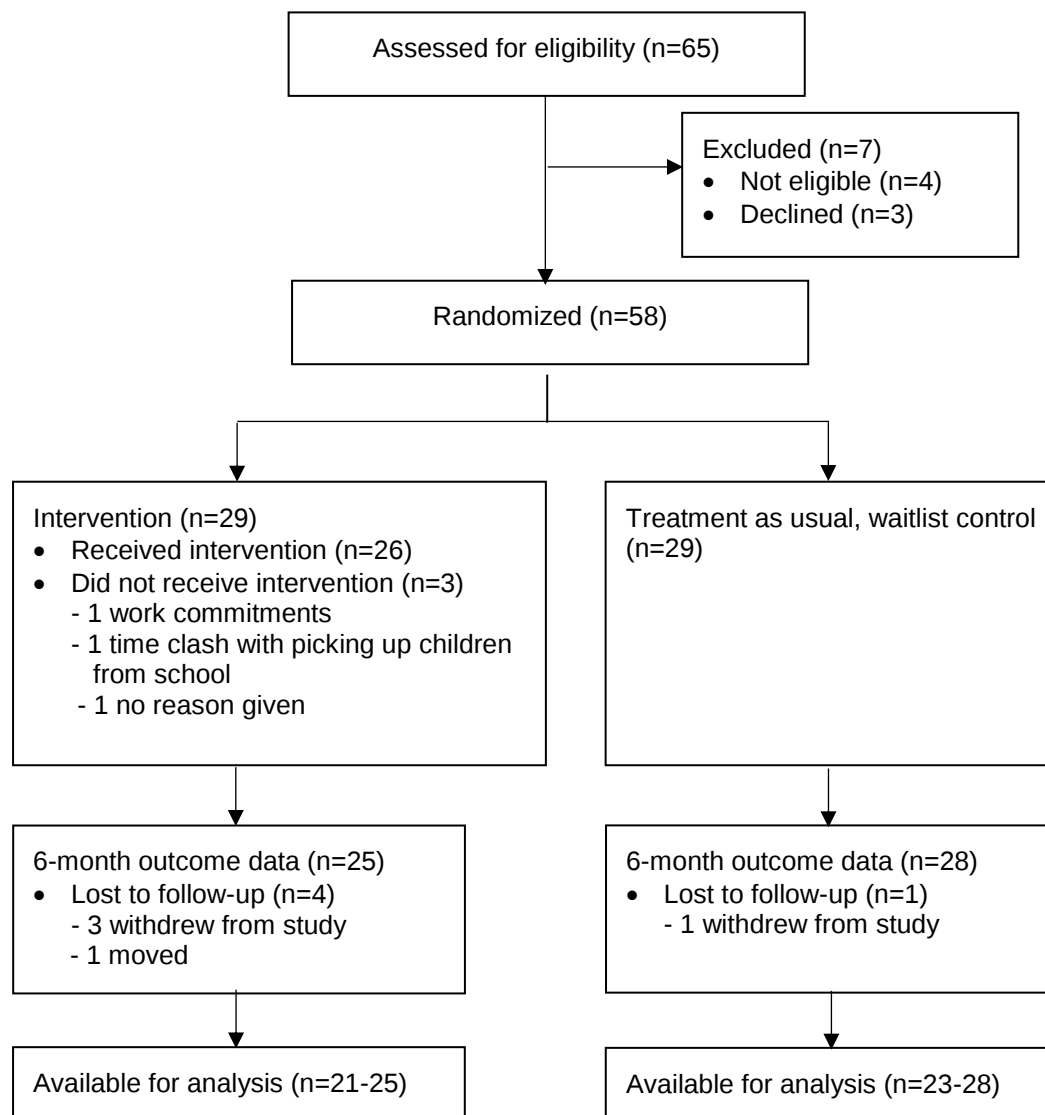


Figure 1. CONSORT diagram illustrating participant flow

Baseline Characteristics

Table 1. Baseline demographics

	TAU, WL control (n = 29)	Intervention (n = 29)
Child age (months)	67.93 (16.88)	68.03 (15.66)
< 6 years	17 (58.6)	18 (62.1)
≥ 6 years	12 (41.4)	11 (37.9)
Child sex		
Male	20 (69.0)	21 (72.4)
Female	9 (31.0)	8 (27.6)
Diagnosis status		
ASD	23 (79.3)	25 (86.2)
Suspected	6 (20.7)	4 (13.8)
CBCL total score	67.48 (9.39)	71.28 (8.17)
T > 63	21 (72.4)	23 (79.3)
T ≤ 63	8 (27.6)	6 (20.7)
VABS adaptive behavior standard score ^a	59.69 (10.15)	59.21 (11.29)
< 65	18 (62.1)	15 (51.7)
≥ 65	11 (37.9)	13 (44.8)
Parent age (years)	36.72 (9.63)	36.24 (7.41)
Parent sex		
Male	2 (6.9)	4 (13.8)
Female	27 (93.1)	25 (86.2)
Teenage parent		
< 20 years birth of first child	4 (13.8)	2 (6.9)
≥ 20 years birth of first child	25 (86.2)	27 (93.1)
Education		
< 17 years left school	15 (51.7)	17 (58.6)
≥ 17 years left school	14 (48.3)	12 (41.4)
Unemployment		
No employment in household	5 (17.2)	7 (24.1)
Employment in household	24 (82.8)	22 (75.9)

Note: Data are in numbers (%) or mean (SD). TAU=Treatment as usual. WL=waitlist.

CBCL=Child Behavior Checklist. VABS=Vineland Adaptive Behavior Scales

Outcome measures

Table 2. Unadjusted descriptive statistics for child behavior and parenting outcomes

	TAU, WL Control				Intervention			
	Baseline		Follow-up		Baseline		Follow-up	
	<i>n</i>	<i>M (SD)</i>	<i>n</i>	<i>M (SD)</i>	<i>n</i>	<i>M (SD)</i>	<i>n</i>	<i>M (SD)</i>
Child Behavior								
CBCL-	29	64.72 (9.01)	28	64.96 (8.15)	29	65.38 (11.19)	25	63.32 (10.81)
Externalising								
CBCL-	29	65.28 (9.64)	28	62.57 (8.65)	29	68.86 (7.17)	25	65.48 (9.46)
Internalising								
CBCL-Total	29	67.48 (9.38)	28	68.11 (8.59)	29	71.28 (8.17)	25	69.04 (9.00)
Child Social Communication								
SCQ	29	21.07 (7.10)	27	18.85 (7.35)	28	22.82 (6.07)	24	20.32 (6.06)
Parental Mental Health								
PSI	29	93.17 (17.70)	28	89.64 (19.83)	28	97.79 (19.79)	23	92.13 (19.51)
BDI-II	27	8.07 (8.78)	26	8.30 (8.21)	26	10.35 (8.98)	23	9.12 (7.10)
Parenting Practices								
PS	25	2.58 (0.56)	23	2.36 (0.56)	27	2.73 (0.63)	22	2.53 (0.60)
Positive Parent ^a	29	19.48 (21.07)	25	19.12 (15.74)	27	22.96 (19.67)	21	23.50 (24.71)
Praise ^a	29	8.62 (10.64)	25	10.32 (10.31)	27	8.74 (8.18)	21	16.77 (13.16)
Coaching ^a	29	7.45 (12.85)	25	8.36 (10.61)	27	6.37 (11.67)	21	10.41 (13.51)
Reflection ^a	29	9.79 (11.76)	25	8.96 (11.77)	27	6.89 (7.84)	21	7.55 (9.09)
Question ^a	29	29.97 (18.79)	25	29.56 (18.43)	27	31.93 (19.02)	21	33.41 (13.18)
Command ^a	29	34.31 (28.43)	25	34.24 (23.91)	27	33.37 (23.27)	21	26.50 (18.78)
Negative Parent ^a	29	6.21 (4.52)	25	5.84 (5.00)	27	5.22 (4.29)	21	5.18 (5.23)

^a Observed outcomes. TAU=Treatment as usual. WL=waitlist. CBCL=Child Behavior Checklist. SCQ=Social Communication Questionnaire. PSI=Parenting Stress Index. BDI-II=Beck Depression Inventory II.

PS=Parenting Scale

Table 3. ANCOVA results controlling for baseline scores, centre, and education level

	Centre	Group	Estimate	Effect size
	ICC	ICC	(95% CI)	(95% CI)
Child Behavior				
CBCL-Externalising	0.02	0.00	-2.04 (-5.88, 1.81)	-0.21 (-0.59, 0.18)
CBCL-Internalising	0.00	0.17	0.84 (-3.35, 5.04)	0.10 (-0.41, 0.61)
CBCL-Total	0.06	0.10	-1.95 (-5.74, 1.84)	-0.23 (-0.66, 0.21)
Child Social Communication				
SCQ	0.06	0.04	-0.80 (-3.85, 2.26)	-0.12 (-0.60, 0.35)
Parental Mental Health				
PSI	0.13	0.01	-0.87 (-8.69, 6.95)	-0.05 (-0.47, 0.38)
BDI-II	0.10	0.02	-1.11 (-4.60, 2.38)	-0.12 (-0.50, 0.26)
Parenting Practices				
PS	0.01	0.07	-0.05 (-0.33, 0.24)	-0.09 (-0.57, 0.41)
Positive Parent ^a	0.02	0.18	4.48 (-10.85, 19.81)	0.22 (-0.54, 0.99)
Praise ^a	0.00	0.00	5.17 (-1.11, 11.44)	0.56 (-0.12, 1.23)
Coaching ^a	0.00	0.00	0.68 (-0.53, 1.88)	0.35 (-0.27, 0.95)
Reflections ^a	0.01	0.10	0.13 (-0.73, 0.99)	0.07 (-0.38, 0.52)
Question ^a	0.00	0.04	4.63 (-6.54, 15.80)	0.25 (-0.35, 0.85)
Command ^a	0.01	0.05	-4.07 (-17.61, 9.46)	-0.16 (-0.67, 0.36)
Negative Parent ^a	0.01	0.00	1.07 (-2.16, 4.31)	0.24 (-0.49, 0.98)

^a Observed outcomes. ICC=intraclass correlation. CBCL=Child Behavior Checklist.

SCQ=Social Communication Questionnaire. PSI=Parenting Stress Index. BDI-II=Beck

Depression Inventory II. PS=Parenting Scale

Adverse events

There were no adverse events associated with this trial.