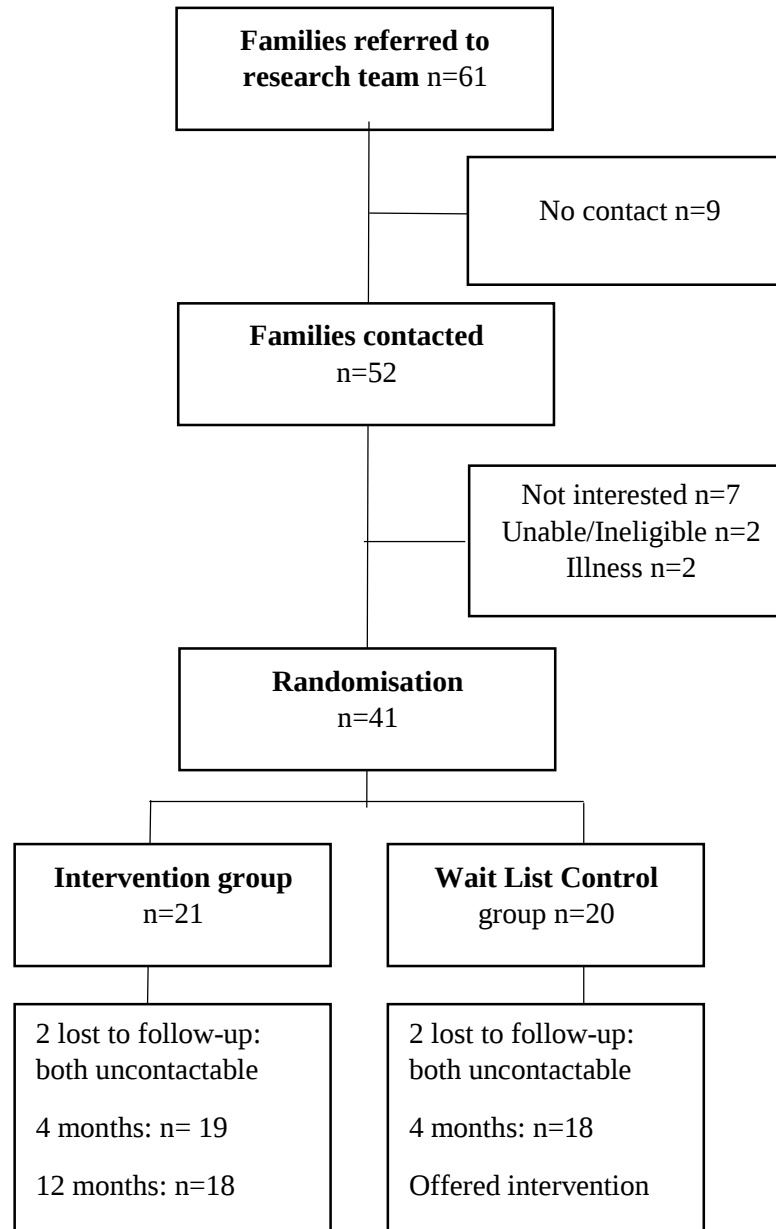


Participant flow



Baseline characteristics: Figures are No's (%) unless otherwise indicated

	Intervention (n =21)	Control (n =20)
Single parent	9 (43%)	11 (55%)
Mean age of parent	33.9 (SD=7)	33.5 (SD = 5.9)
Child age (index)	7.2 (SD = 2.9)	6.1 (SD = 3.3)
Male	12	13
Lived outside home for a period of time (any child)	5	10
Index child	1	3
Hardiker risk scoring 3 or more	13 (65%)	8 (42%)
Separated/Divorced	3 (14%)	1 (5%)
Large family (>3 children)	11 (55%)	11 (55%)
Teenager when first child born	10 (48%)	9 (45%)
Education (left school before finishing post primary)	6 (29%)	10 (50%)
Father education (left school before finishing post primary)	10 (48%)	10 (50%)
Unemployed	17 (81%)	19 (95%)
At risk of poverty (< €24,000)	17 (81%)	16 (80%)
Income (mostly derived from social security)	13 (62%)	18 (90%)
Council/social housing	15 (71%)	11 (55%)
Relationship with family (very poor to fair)	16	12
Support from family/friends	13	14
History of childhood abuse (physical/neglect)	10	12

Outcome measures at Baseline, 4 months and 12 months

Measures
Conflict Tactics Scales Parent-Child – Short Form Amended (CTSPC – SFA) (Straus et al. 1998)
Brief Child Abuse Potential Inventory (BCAPI) (Ondersma et al. 2005)
Strengths and Difficulties Questionnaire (SDQ) (Goodman, 1997).
The Parenting Stress Index – Short Form (PSI-SF) (Abidin, 1995)
The Depression, Anxiety and Stress Scale – Short Form (DASS-SF)
CAGE (Ewing 1984)
Drug Abuse Screening Test - 10 (DAST-10) (Skinner, 1982)
Home Observation for Measurement of the Environment (HOME-SF; Infant-Toddler version) (Caldwell & Bradley, 2003)

Intervention outcomes at baseline, 4 months and 12 months

	Control		Intervention		Difference in mean (95% CI) P	Adjusted difference in mean (95% CI) P	Effect size	12-month follow-up	
	<i>Baseline</i>	<i>4-month</i>	<i>Baseline</i>	<i>4-month</i>					
	<i>Mean (sd)</i>	<i>Mean (sd)</i>	<i>Mean (sd)</i>	<i>Mean (sd)</i>				Mean (SD)	p value
Primary outcomes									
CT Scale (Index Child)									
Neglect	1.5 (6.1)	0 (0)	0.9 (2.2)	1.7 (5.9)	1.6 (-4.6, -1.3) 0.266	1.88 (-4.9, -1.1) 0.208	0.44	1.5 (5.9)	0.9
Abuse	25.8 (26)	26.6 (21.5)	26.4 (24.5)	18 (27.4)	-8.3 (-7.2, -23.8) 0.285	-8.7 (-7.4, -24.8) 0.278	-0.37	18.6 (23)	0.9
Non-violent discipline	42.9 (27.5)	41.4 (30.5)	49.3 (25.9)	43.2 (27.4)	-1.7 (-15.8, -19.1) 0.846	-0.58 (-14.9, -16.1) 0.939	-0.03	36.1(27)	0.53
CT Scale (Sibling)									
Neglect	1.9 (6.9)	0 (0)	3 (5.8)	0.1 (0.3)	0.1 (-0.3, -0.1) 0.376	0.11 (-0.4, -0.1) 0.325	0.48	0.1 (0.3)	0.9
Abuse	19 (26.1)	24.4 (23.1)	16 (20.2)	16 (25.3)	-7.8 (-16.9, -32.5) 0.51	-1.99 (-23.1, -27.1) 0.866	-0.08	10.9 (19.8)	0.4
Non-violent discipline	27.5 (24.8)	24.1 (17)	28.3 (24.5)	24.6 (19.7)	1.3 (-19, -16.5) 0.883	4.77 (-22.5, -13) 0.573	0.27	25.2 (19.7)	0.92
Secondary outcomes									
BCAPI Risk Total (Cut off ≥ 9)	12.9 (6)	11.6 (6.4)	11.9 (6.3)	9.4 (7.1)	-1.5 (-2.9, -5.8) 0.491	-1.21 (-3.2, -5.6) 0.578	-0.2	9.8 (6.7)	0.8
HOME-SF									
Total	0.56 (0.28)	0.41 (0.35)	0.53 (0.3)	0.63 (0.19)	0.24 (-0.4, 0.1) 0.007	0.22 (-0.4, 0.1) 0.011	0.89	0.66 (0.1)	0.43
Emotional Support	0.55 (0.31)	0.41 (0.36)	0.57 (0.27)	0.65 (0.22)	0.23 (-0.4, 0.1) 0.012	0.23 (-0.4, 0) 0.017	0.82	0.65 (0.2)	0.98
Cognitive Stimulation	0.61 (0.25)	0.51 (0.31)	0.52 (0.31)	0.62 (0.2)	0.15 (-0.3, 0) 0.065	0.13 (-0.3, 0) 0.09	0.58	0.68 (0.2)	0.2
DAST	0.3 (1)	0.2 (0.5)	0 (0)	0.1 (0.5)	-0.1 (-0.3, -0.4) 0.648	-0.09 (-0.3, -0.4) 0.6	-0.18	—	—
DASS Scale									
Stress	9.6 (6.6)	9.5 (6.6)	6.1 (3)	6 (4.3)	-1.2 (-1.9, -4.3) 0.434	-1.41 (-1.6, -4.4) 0.345	-0.33	7.1 (4.2)	0.3
Anxiety	7.1 (5.9)	7.7 (5.9)	4.2 (3.5)	4.3 (4.8)	-1.9 (-1.3, -5.2) 0.239	-2.18 (-0.9, -5.3) 0.16	-0.49	5.1 (4.9)	0.5

Depression	6.8 (5.6)	6.9 (6.8)	5.1 (5.8)	3.7 (3.9)	-2.5 (-0.8, -5.8) 0.128	-2.82 (-0.5, -6.1) 0.091	-0.6	3.2 (3.7)	0.6
PSI Total	107.2 (15.9)	110.6 (20)	114.1 (19.9)	121.4 (24.9)	7.4 (-21.5, -6.8) 0.296	7.45 (-22.2, -7.3) 0.309	0.36	127.1 (24.4)	0.34
CAGE Parent	0.7 (1.1)	0.3 (0.8)	0.4 (0.8)	0.3 (0.7)	0.1 (-0.6, -0.4) 0.678	0.08 (-0.6, -0.4) 0.74	0.11	0.12 (0.2)	0.4
CAGE Partner	0 (0)	0 (0)	0.9 (1.5)	1.2 (1.8)	0.6 (-2.2, -1) 0.407	0 (-2, -2) 1	0	0.1 (0.2)	0.3

	Control		Intervention		Difference in mean (95% CI) P	Adjusted difference in mean (95% CI) P	Effect size	12-month follow-up	
	<i>Baseline</i>	<i>4-month</i>	<i>Baseline</i>	<i>4-month</i>					
	<i>Mean (sd)</i>	<i>Mean (sd)</i>	<i>Mean (sd)</i>	<i>Mean (sd)</i>				Mean (SD)	p-value
SDQ (Parent Report)									
Total (Cut off ≥ 17)	19 (5.5)	18.8 (7)	18.3 (7.1)	18.4 (6.8)	0.1 (-3.7, -3.5) 0.962	0.26 (-4, -3.4) 0.885	0.05	15.6 (6.7)	0.09
Prosocial (Cut off ≤ 4)	5.9 (2.6)	6.5 (2.3)	6.9 (1.9)	7.1 (2.6)	0 (-1.5, -1.4) 0.981	0.16 (-1.6, -1.3) 0.833	0.07	7.5 (2.4)	0.7
SDQ (Child Report)									
Total (Cut off ≥ 20)	15 (6.5)	14.5 (7.1)	14.7 (5.9)	12.9 (7.7)	-1.8 (-3.8, -7.3) 0.494	-0.83 (-5.9, -7.6) 0.788	-0.16	13.8 (6.7)	0.96
Prosocial (Cut off ≤ 4)	7.5 (1.6)	8.4 (1.7)	8.3 (1.6)	8.4 (1.9)	-0.1 (-1.9, -2.2) 0.891	0.03 (-2.5, -2.4) 0.976	0.02	8.4 (1.9)	0.8

Adverse events

There were no adverse events associated with this trial.