# Revman Plots: Non-directed toy distraction child up to 3 yrs

### **Distress Acute**

	Non-direc	ted distra	ction	No ti	reatme	ent		Std. Mean Difference	Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% C	IV, Random, 95% CI
Basiri-Moghadam 2014 (2)	6.03	1.13	16	6.87	0.89	18	23.8%	-0.81 [-1.52, -0.11]	_ <b></b>
Cramer-Berness 2005 (2)	7.9	1.7	38	7.74	1.74	38	25.9%	0.09 [-0.36, 0.54]	ı <del></del> -
Ozdemir 2012	5.13	2.11	60	6.65	2.69	60	26.4%	-0.62 [-0.99, -0.26]	] <del></del>
Singh 2012	4.77	0.57	30	7.7	1.55	30	24.0%	-2.48 [-3.16, -1.79]	
Total (95% CI)			144			146	100.0%	-0.93 [-1.86, 0.00]	
Heterogeneity: Tau <sup>2</sup> = 0.82; C	$hi^2 = 38.12, c$								
Test for overall effect: $Z = 1.9$	6 (P = 0.05)		Favours Non-directed dist Favours No treatment						

## Distress Acute + Recovery

			Non-directed distraction	No treatment		Std. Mean Difference	Std. Mean Difference
Study or Subgroup	Std. Mean Difference	SE	Total	Total	Weight	IV, Random, 95% C	I IV, Random, 95% CI
Cramer-Berness 2005 (2)	0.18	0.23	38	38	55.3%	0.18 [-0.27, 0.63	] —
Ozdemir 2012	-0.71	0.37	30	30	44.7%	-0.71 [-1.44, 0.02	1 -
Total (95% CI)			68	68	100.0%	-0.22 [-1.09, 0.65]	
Heterogeneity: Tau² = 0.30; Test for overall effect: Z = 0.4		.04); l²:	= 76%				-2 -1 0 1 2 Favours Non-directed dist Favours No treatment

### **Distress Pre-procedure (post-intervention)**

	Non-directed distraction			No tr	eatme	ent		Std. Mean Difference	Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% C	I IV, Random, 95% CI
Cramer-Berness 2005 (2)	2.95	1.93	38	3.42	2.27	38	100.0%	-0.22 [-0.67, 0.23	ı — <mark>—</mark> —
Total (95% CI)			38			38	100.0%	-0.22 [-0.67, 0.23]	· · · · · · · · · · · · · · · · · · ·
Heterogeneity: Not applicable Test for overall effect: Z = 0.90									-2 -1 0 1 2 Favours Non-directed dist Favours No treatment

# Parent Fear Pre-procedure (post-intervention)

Non-directed distraction			ction	No tr	eatme	ent		Std. Mean Difference	Std. Mean Difference	
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI	
Cramer-Berness 2005 (2)	4.26	2.97	38	3.87	2.37	38	100.0%	0.14 [-0.31, 0.59]	<del>-</del>	
Total (95% CI)			38			38	100.0%	0.14 [-0.31, 0.59]	<b>*</b>	
Heterogeneity: Not applicabl Test for overall effect: Z = 0.6									-2 -1 0 1 2  Favours Non-directed dist. Favours No treatment	

### **Parent Fear**

	Non-direct	lirected distraction			No treatment			Std. Mean Difference	Std. Mean Difference		
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Fixed, 95% CI	IV, Fixed, 95% CI		
Cramer-Berness 2005 (2)	4.65	2.34	38	5.19	2.07	38	100.0%	-0.24 [-0.69, 0.21]	<b></b>		
Total (95% CI)			38			38	100.0%	-0.24 [-0.69, 0.21]	•		
Heterogeneity: Not applicabl Test for overall effect: Z = 1.0									-2 -1 0 2 Favours Non-directed dist Favours No treatment		