Revman Plots: Directed video child up to 3 yrs

Distress Acute

	Directed	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
Cohen 2002	5.85	1.37	49	6.17	1.44	41	32.7%	-0.23 [-0.64, 0.19]	
Cohen 2006 a	6.18	3.19	68	6.7	3.04	68	33.5%	-0.17 [-0.50, 0.17]	
Gedam 2013 (2)	3.65	1.12	120	5.3	1.12	110	33.9%	-1.47 [-1.76, -1.18]	
Total (95% CI)			237			219	100.0%	-0.63 [-1.53, 0.27]	
Heterogeneity: Tau² = Test for overall effect:		-2 -1 0 1 2 Favours Directed video Favours No treatment							

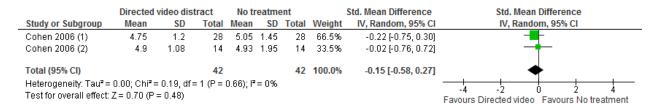
Distress Recovery

	Directed	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
Cohen 2002	3.1	2.17	49	3.55	2.2	41	100.0%	-0.20 [-0.62, 0.21]	-
Total (95% CI)			49			41	100.0%	-0.20 [-0.62, 0.21]	•
Heterogeneity: Not ap Test for overall effect:		= 0.34)							-2 -1 0 1 2 Favours Directed video Favours No treatment

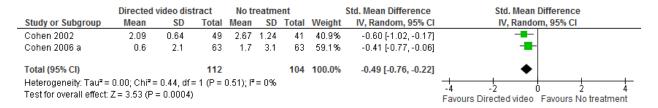
Distress Acute + Recovery

	Directed	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
Cohen 2006 a	3.45	3.16	63	5.85	3.85	63	100.0%	-0.68 [-1.04, -0.32]	•
Total (95% CI)			63			63	100.0%	-0.68 [-1.04, -0.32]	◆
Heterogeneity: Not ap Test for overall effect:	ı						-4 -2 0 2 4 Favours Directed video Favours No treatment		

Distress Pre-procedure + Acute



Distress Pre-procedure (post-intervention)



Child Use of intervention

	Directed	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
Cohen 2002	2	2.4	49	0.4	0.8	41	49.8%	0.86 [0.42, 1.29]	-
Cohen 2006 a	3.71	2.51	63	0.29	0.63	63	50.2%	1.86 [1.44, 2.28]	-
Total (95% CI)			112			104	100.0%	1.36 [0.38, 2.34]	
Heterogeneity: Tau² = Test for overall effect:			-2 -1 0 1 2 Favours No treatment Favours Directed video						

Procedure duration

	Directed v	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
Cohen 2002	345	40	49	324	43	41	100.0%	0.50 [0.08, 0.92]	-
Total (95% CI)			49			41	100.0%	0.50 [0.08, 0.92]	•
Heterogeneity: Not ap Test for overall effect:							-2 -1 0 1 2 Favours Directed video Favours No treatment		