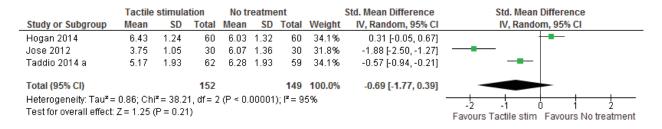
Revman Plots: Tactile stimulation

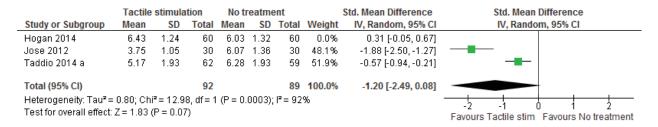
Pain

			Manual pressure	No treatment		Std. Mean Difference	Std. Mean I	Difference
Study or Subgroup	Std. Mean Difference	SE	Total	Total	Weight	IV, Random, 95% CI	IV, Randor	n, 95% CI
Chung 2002	-0.71	0.13	74	74	34.6%	-0.71 [-0.96, -0.46]	-	
Nakashima 2013	0.07	0.08	334	345	36.1%	0.07 [-0.09, 0.23]	+	-
Sparks 2001 (1)	-0.53	0.25	33	33	29.4%	-0.53 [-1.02, -0.04]	-	
Total (95% CI)			441	452	100.0%	-0.38 [-0.96, 0.21]	•	-
Heterogeneity: Tau² = Test for overall effect:	0.24; Chi² = 28.33, df = Z = 1.26 (P = 0.21)	2 (P <	0.00001); I ² = 93%				-2 -1 0 Favours Manual pressure	1 2 Favours No treatment

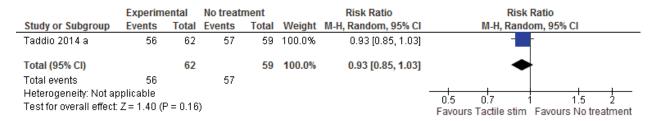
Distress Acute



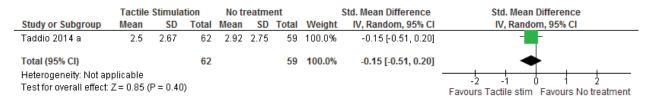
(without data from study by Hogan 2014)



Distress Acute (yes/no)



Distress Acute + Recovery



Distress Pre-procedure (post-intervention)

	Tactile	stimula	ition	No tr	No treatment Std. Mean Difference		Std. Mean Difference	Std. Mean Difference		
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI	
Hogan 2014	1.32	1.07	60	1.23	1.02	60	50.2%	0.09 [-0.27, 0.44]		
Taddio 2014 a	2.3	1.76	62	1.65	1.21	59	49.8%	0.43 [0.07, 0.79]		
Total (95% CI)			122			119	100.0%	0.25 [-0.08, 0.59]		
Heterogeneity: Tau² = 0.02; Chi² = 1.72, df = 1 (P = 0.19); l² = 42% Test for overall effect: Z = 1.50 (P = 0.13) Test for overall effect: Z = 1.50 (P = 0.13) Test for overall effect: Z = 1.50 (P = 0.13)										

Parent Use of Intervention

	Tactile stimu	lation	No treat	ment		Risk Ratio	Risk Ratio	
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI	
Hogan 2014	59	60	2	60	100.0%	29.50 [7.55, 115.28]		
Total (95% CI)		60		60	100.0%	29.50 [7.55, 115.28]		
Total events	59		2					
Heterogeneity: Not ap Test for overall effect:					0.05 0.2 1 5 20 Favours No treatment Favours Tactile stim			