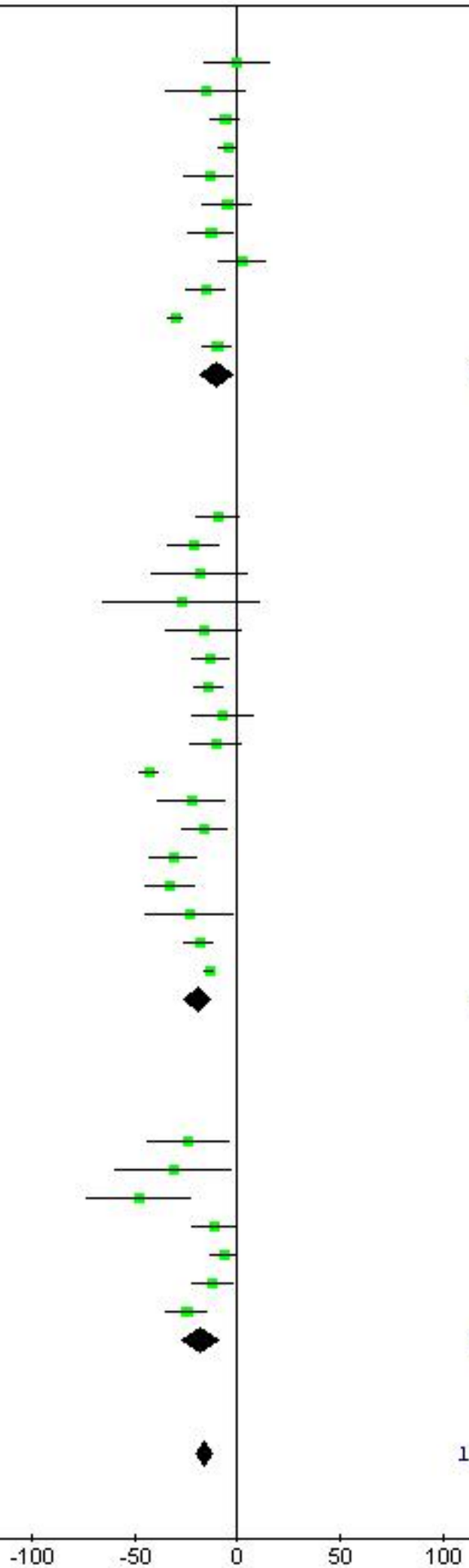
Review: NSAID
Comparison: 03 NSAID vs control (random)
Outcome: 01 24 hours morphine consumption (mg)

Study or sub-category	N	NSAID Mean (SD)	N	Control Mean (SD)	WMD (random) 95% CI	Weight %	WMD (random) 95% CI
01 Single dose regimen							
Colquhoun	15	44.60(20.70)	15	44.80(24.00)		2.50	-0.20 [-16.24, 15.84]
Rowe	13	36.30(23.80)	14	51.60(28.10)		2.13	-15.30 [-34.90, 4.30]
Plummer	55	32.00(18.00)	49	38.00(20.00)		3.50	-6.00 [-13.35, 1.35]
Vandermeulen	258	34.60(25.90)	256	39.20(27.60)		3.73	-4.60 [-9.23, 0.03]
Munro	18	17.40(15.50)	19	30.90(22.60)		2.92	-13.50 [-25.93, -1.07]
Thompson	18	33.20(16.90)	18	38.20(20.80)		2.93	-5.00 [-17.38, 7.38]
DeDecker	45	23.60(16.20)	15	36.50(20.30)		3.06	-12.90 [-24.21, -1.59]
Fogarty Mack	10	17.40(12.70)	10	14.90(15.10)		2.95	2.50 [-9.73, 14.73]
Alexander	36	36.30(16.90)	32	51.60(22.20)		3.27	-15.30 [-24.77, -5.83]
Celik	20	63.00(6.00)	20	93.00(6.00)		3.79	-30.00 [-33.72, -26.28]
Hsu	45	20.90(14.90)	48	30.80(19.40)		3.53	-9.90 [-16.91, -2.89]
Subtotal (95% CI)	533		496			34.32	-10.31 [-18.28, -2.34]
Test for heterogeneity: Chi² = 103.45, df = 10 (P < 0.00001), I² = 90.3%							
Test for overall effect: Z = 2.54 (P = 0.01)							
02 Multiple dose regimen							
Owen	29	39.10(17.10)	31	48.20(25.10)		3.12	-9.10 [-19.91, 1.71]
Hodsman	31	38.00(22.30)	31	59.00(27.80)		2.91	-21.00 [-33.55, -8.45]
Burns	23	72.00(35.00)	21	90.00(44.00)		1.76	-18.00 [-41.64, 5.64]
Sevarino	23	30.00(46.00)	12	57.00(59.00)		0.93	-27.00 [-65.31, 11.31]
Cataldo	17	47.00(28.90)	13	63.00(23.40)		2.22	-16.00 [-34.72, 2.72]
Ready	50	31.00(18.00)	45	44.00(26.00)		3.31	-13.00 [-22.09, -3.91]
Balestrieri	133	44.00(24.40)	66	58.10(24.90)		3.50	-14.10 [-21.40, -6.80]
Fletcher 1	15	25.70(17.00)	15	32.90(25.20)		2.58	-7.20 [-22.58, 8.18]
Fletcher 2	15	17.40(15.50)	15	28.00(20.30)		2.87	-10.60 [-23.53, 2.33]
Reuben	20	71.00(4.10)	10	114.00(7.00)		3.73	-43.00 [-47.70, -38.30]
Cobby	20	32.70(27.40)	21	54.90(28.30)		2.39	-22.20 [-39.25, -5.15]
Aubrun	25	33.00(20.00)	25	49.00(21.00)		3.05	-16.00 [-27.37, -4.63]
Siddik 1	20	36.00(18.00)	20	66.70(20.00)		3.00	-30.70 [-42.49, -18.91]
Siddik 2	19	28.30(15.80)	20	61.10(23.00)		2.94	-32.80 [-45.13, -20.47]
Ng	18	35.50(32.50)	16	58.90(32.20)		1.92	-23.40 [-45.18, -1.62]
Hegazy	15	36.60(9.00)	15	55.10(12.00)		3.47	-18.50 [-26.09, -10.91]
Lowder	22	28.10(3.40)	22	41.60(4.30)		3.86	-13.50 [-15.79, -11.21]
Subtotal (95% CI)	495		398			47.56	-19.65 [-26.28, -13.02]
Test for heterogeneity: Chi² = 142.32, df = 16 (P < 0.00001), I² = 88.8%							
Test for overall effect: Z = 5.81 (P < 0.00001)							
03 Continuous infusion							
Gillies	39	54.00(31.00)	18	78.00(38.00)		2.08	-24.00 [-44.07, -3.93]
Burns	19	59.00(47.00)	21	90.00(44.00)		1.42	-31.00 [-59.30, -2.70]
Perttunen	15	32.40(25.20)	15	80.40(43.40)		1.62	-48.00 [-73.40, -22.60]
Ready	46	33.00(28.00)	45	44.00(26.00)		3.08	-11.00 [-22.10, 0.10]
Varrassi	48	15.00(13.20)	47	21.70(19.90)		3.55	-6.70 [-13.51, 0.11]
Blackburn	30	43.00(17.00)	29	55.00(22.00)		3.20	-12.00 [-22.06, -1.94]
Etches	79	39.60(26.70)	78	64.20(38.60)		3.16	-24.60 [-34.99, -14.21]
Subtotal (95% CI)	276		253			18.13	-18.28 [-26.83, -9.74]
Test for heterogeneity: Chi² = 18.07, df = 6 (P = 0.006), I² = 66.8%							
Test for overall effect: Z = 4.19 (P < 0.0001)							
Total (95% CI)	1304		1147			100.00	-16.37 [-20.61, -12.14]
Test for heterogeneity: Chi² = 271.34, df = 34 (P < 0.00001), I² = 87.5%							
Test for overall effect: Z = 7.58 (P < 0.00001)