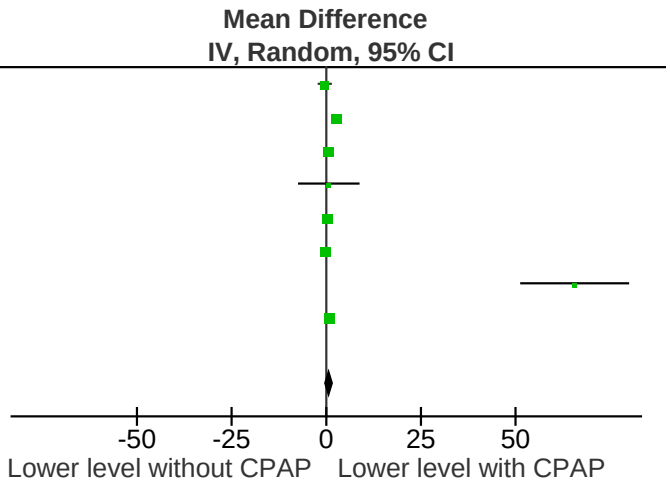
Figure 4: IL-6 levels before and after CPAP treatment

Study or Subgroup	IL-6 before CPAP Mean	SD	Total	IL-6 after CPAP Mean	SD	Total	Weight	Mean Difference IV, Random, 95% CI
Arias et al 2008	4.3	3.5	25	4.7	2	25	12.5%	-0.40 [-1.98, 1.18]
Burioka et al 2008	6.2	1	9	3.4	0.4	9	16.6%	2.80 [2.10, 3.50]
Carneiro et al 2009	3.5	0.65	7	2.8	0.72	7	16.5%	0.70 [-0.02, 1.42]
Ryan et al 2006	5.13	22.65	49	4.46	16.39	49	1.5%	0.67 [-7.16, 8.50]
Steiropoulos et al 2009	2.71	1.27	32	2.46	1.08	32	17.0%	0.25 [-0.33, 0.83]
Vgontzas et al 2008	4.5	0.7	16	4.7	0.7	16	17.3%	-0.20 [-0.69, 0.29]
Ye et al 2010	131.66	20.39	10	66.04	10.04	10	0.5%	65.62 [51.53, 79.71]
Yokoe et al 2003	1.2	0.15	17	0.45	0.08	17	18.0%	0.75 [0.67, 0.83]
Total (95% CI)			**165**			**165**	**100.0%**	**1.01 [-0.00, 2.03]**

Heterogeneity: Tau² = 1.48; Chi² = 133.68, df = 7 (P < 0.00001); I² = 95%

Test for overall effect: Z = 1.96 (P = 0.05)