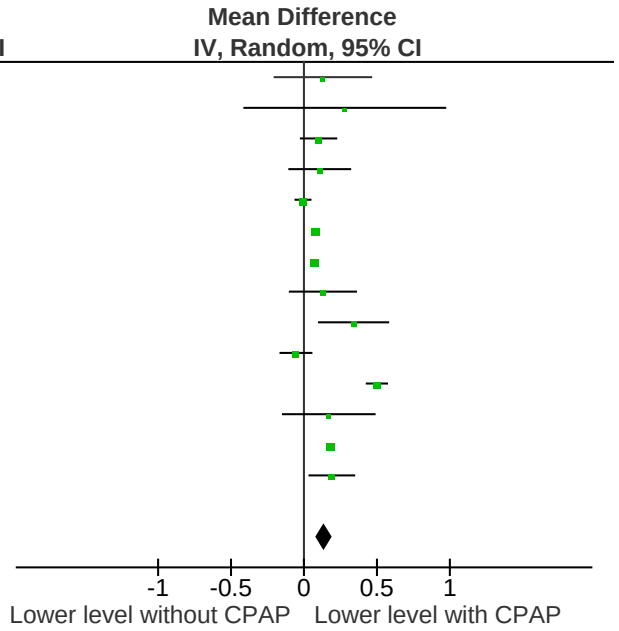
## Figure 2: CRP levels before and after CPAP treatment

| Study or Subgroup | CRP before CPAP Mean | SD | Total | CRP after CPAP Mean | SD | Total | Weight | Mean Difference IV, Random, 95% CI |
|---|---|---|---|---|---|---|---|---|
| Carneiro et al 2009 | 0.85 | 0.29 | 7 | 0.72 | 0.34 | 7 | 2.3% | 0.13 [-0.20, 0.46] |
| Chung et al 2011 | 0.61 | 1.52 | 25 | 0.33 | 0.88 | 25 | 0.6% | 0.28 [-0.41, 0.97] |
| Colish et al 2012 | 0.6 | 0.3 | 47 | 0.5 | 0.3 | 47 | 7.9% | 0.10 [-0.02, 0.22] |
| Dorkova et al 2008 | 0.387 | 0.37 | 16 | 0.279 | 0.211 | 16 | 4.5% | 0.11 [-0.10, 0.32] |
| Harsch et al 2004 | 0.278 | 0.086 | 20 | 0.285 | 0.079 | 20 | 11.4% | -0.01 [-0.06, 0.04] |
| Iesato et al 2007 | 0.1774 | 0.0278 | 36 | 0.0999 | 0.021 | 36 | 12.5% | 0.08 [0.07, 0.09] |
| Ishida et al 2009 | 0.23 | 0.04 | 40 | 0.16 | 0.03 | 40 | 12.5% | 0.07 [0.05, 0.09] |
| Patruno et al 2007 APAP | 0.6 | 0.2 | 15 | 0.47 | 0.4 | 15 | 4.1% | 0.13 [-0.10, 0.36] |
| Patruno et al 2007 CPAP | 0.8 | 0.3 | 16 | 0.46 | 0.38 | 16 | 3.8% | 0.34 [0.10, 0.58] |
| Ryan et al 2007 | 0.25 | 0.2059 | 49 | 0.305 | 0.316 | 49 | 8.6% | -0.05 [-0.16, 0.05] |
| Schiza et al 2010 | 0.79 | 0.66 | 436 | 0.29 | 0.32 | 436 | 10.5% | 0.50 [0.43, 0.57] |
| Steiropoulos et al 2007 | 0.72 | 0.54 | 20 | 0.55 | 0.47 | 20 | 2.5% | 0.17 [-0.14, 0.48] |
| Yokoe et al 2003 | 0.29 | 0.02 | 17 | 0.11 | 0.03 | 17 | 12.4% | 0.18 [0.16, 0.20] |
| Zhao et al 2011 | 0.418 | 0.326 | 27 | 0.227 | 0.242 | 27 | 6.4% | 0.19 [0.04, 0.34] |
| **Total (95% CI)** | | | **771** | | | **771** | **100.0%** | **0.14 [0.08, 0.20]** |

Heterogeneity: Tau² = 0.01; Chi² = 273.64, df = 13 (P < 0.00001); I² = 95%

Test for overall effect: Z = 4.95 (P < 0.00001)