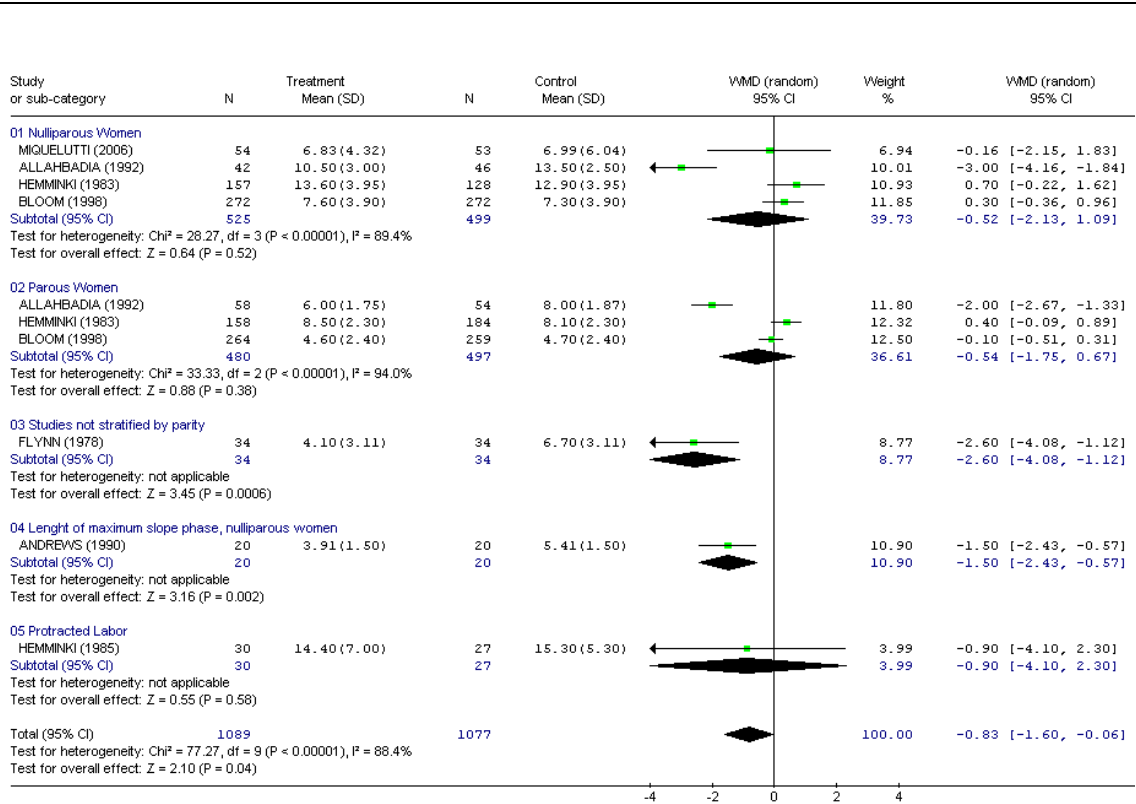
Study or sub-category
N
Treatment Mean (SD)
N
Control Mean (SD)
WMD (random) 95% CI
Weight %
WMD (random) 95% CI
01 Nulliparous Women
MIQUELUTTI (2006) 54 6.83(4.32) 53 6.99(6.04) 6.94 -0.16 [-2.15, 1.83]
ALLAHBADIA (1992) 42 10.50(3.00) 46 13.50(2.50) 10.01 -3.00 [-4.16, -1.84]
HEMMINKI (1983) 157 13.60(3.95) 128 12.90(3.95) 10.93 0.70 [-0.22, 1.62]
BLOOM (1998) 272 7.60(3.90) 272 7.30(3.90) 11.85 0.30 [-0.36, 0.96]
Subtotal (95% CI) 525 499 39.73 -0.52 [-2.13, 1.09]
Test for heterogeneity: Chi² = 28.27, df = 3 (P < 0.00001), I² = 89.4%
Test for overall effect: Z = 0.64 (P = 0.52)
02 Parous Women
ALLAHBADIA (1992) 58 6.00(1.75) 54 8.00(1.87) 11.80 -2.00 [-2.67, -1.33]
HEMMINKI (1983) 158 8.50(2.30) 184 8.10(2.30) 12.32 0.40 [-0.09, 0.89]
BLOOM (1998) 264 4.60(2.40) 259 4.70(2.40) 12.50 -0.10 [-0.51, 0.31]
Subtotal (95% CI) 480 497 36.61 -0.54 [-1.75, 0.67]
Test for heterogeneity: Chi² = 33.33, df = 2 (P < 0.00001), I² = 94.0%
Test for overall effect: Z = 0.88 (P = 0.38)
03 Studies not stratified by parity
FLYNN (1978) 34 4.10(3.11) 34 6.70(3.11) 8.77 -2.60 [-4.08, -1.12]
Subtotal (95% CI) 34 34 8.77 -2.60 [-4.08, -1.12]
Test for heterogeneity: not applicable
Test for overall effect: Z = 3.45 (P = 0.0006)
04 Lenght of maximum slope phase, nulliparous women
ANDREWS (1990) 20 3.91(1.50) 20 5.41(1.50) 10.90 -1.50 [-2.43, -0.57]
Subtotal (95% CI) 20 20 10.90 -1.50 [-2.43, -0.57]
Test for heterogeneity: not applicable
Test for overall effect: Z = 3.16 (P = 0.002)
05 Protracted Labor
HEMMINKI (1985) 30 14.40(7.00) 27 15.30(5.30) 3.99 -0.90 [-4.10, 2.30]
Subtotal (95% CI) 30 27 3.99 -0.90 [-4.10, 2.30]
Test for heterogeneity: not applicable
Test for overall effect: Z = 0.55 (P = 0.58)
Total (95% CI) 1089 1077 100.00 -0.83 [-1.60, -0.06]
Test for heterogeneity: Chi² = 77.27, df = 9 (P < 0.00001), I² = 88.4%
Test for overall effect: Z = 2.10 (P = 0.04)
-4
-2
0
2
4