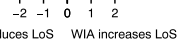
Hospital length of stay

Total hip replacement

Study	Ni	Nc	sd_imputed	WMD (95% CI)
(A) WIA + Usual Anaesthetics vs Usual Anaesthetics				
Parvataneni hip 2007	35	36	Yes	−1.00 (−2.27, 0.27)
Lee 2009	30	30	No	−1.80 (−4.91, 1.31)
Busch 2010	32	32	No	−0.55 (−1.45, 0.35)
Lunn 2011	60	60	No	0.00 (−0.35, 0.35)
Dobie 2012	50	46	No	−0.40 (−1.16, 0.36)
Subtotal (I−squared = 14.0%, p = 0.325)				−0.26 (−0.62, 0.11)
(B) WIA + Post + Usual Anaesthetics vs Usual Anaesthetics				
Bianconi 2003	18	19	No	−2.45 (−3.15, −1.75)
Andersen KV 2007	38	37	No	−1.98 (−2.97, −0.99)
Andersen LJ 2007	19	18	Yes	0.58 (−1.18, 2.35)
Rikalainen−Salmi 2012	29	28	No	−0.21 (−0.91, 0.50)
Subtotal (I−squared = 88.4%, p = 0.000)				−1.12 (−2.47, 0.24)
Overall (I−squared = 84.0%, p = 0.000)				−0.83 (−1.54, −0.12)

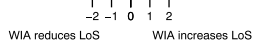
NOTE: Weights are from random effects analysis



Total knee replacement

Study	Ni	Nc	sd_imputed	WMD (95% CI)
(A) WIA + Usual Anaesthetics vs Usual Anaesthetics				
Busch 2006	32	32	Yes	0.09 (−0.89, 1.07)
Subtotal (I−squared = .%, p = .)				0.09 (−0.89, 1.07)
(B) WIA + Post + Usual Anaesthetics vs Usual Anaesthetics				
Vendittoli 2006	22	20	No	−0.40 (−1.80, 1.00)
Andersen KV 2010	21	19	No	0.24 (−0.54, 1.03)
Essving 2010	24	23	No	−2.15 (−7.63, 3.33)
Spreng no iv 2010	33	33	No	−2.00 (−2.60, −1.40)
Spreng with iv 2010	33	33	No	−1.50 (−2.20, −0.80)
Thorsell 2010	33	31	No	−0.40 (−1.44, 0.64)
Essving 2011	25	23	No	−1.86 (−3.28, −0.44)
Subtotal (I−squared = 76.1%, p = 0.000)				−1.02 (−1.82, −0.22)
(C) WIA + Post + Usual Anaesthetics vs FNB + Usual Anaesthetics				
Toftdahl 2007	39	37	No	0.41 (−1.79, 2.61)
Carli 2010	20	20	No	0.00 (−1.00, 1.00)
Subtotal (I−squared = 0.0%, p = 0.738)				0.07 (−0.84, 0.98)
(D) WIA + FNB + Usual Anaesthetics vs FNB + Usual Anaesthetics				
Mahadevan 2012	26	26	No	1.52 (0.05, 2.99)
Koh 2012	49	52	No	(Excluded)
Subtotal (I−squared = .%, p = .)				1.52 (0.05, 2.99)
(E) WIA + Usual Anaesthetics vs FNB + Usual Anaesthetics				
Parvataneni knee 2007	29	29	Yes	0.00 (−1.01, 1.01)
Meftah 2012	41	43	No	−0.10 (−0.78, 0.58)
Subtotal (I−squared = 0.0%, p = 0.872)				−0.07 (−0.63, 0.50)
Overall (I−squared = 76.4%, p = 0.000)				−0.42 (−1.02, 0.17)

NOTE: Weights are from random effects analysis



Mean difference in days