Table E-1. Subgroup Analyses of Weighted Mean Differences in Various Continuous Parameters Between the Early and Late-Tourniquet-Release Groups

Parameter	Pooled Mean for Early-Tourniquet-Release Group	Pooled Mean for Late-Tourniquet-Release Group	Weighted Mean Difference (95% Confidence Interval)	P Value	I^2 Value*
Total measured blood loss in replacements with cement *(mL)*	950.3 (n = 104)	791.3 (n = 101)	235.1 (145.3 to 324.9)	<0.00001	45.5%
Total measured blood loss in replacements without cement *(mL)*	974.3 (n = 75)	715.6 (n = 70)	247.4 (163.44 to 331.27)	<0.00001	15.1%
Total measured blood loss in patients who did not receive chemical thromboprophylaxis *(mL)*	846.5 (n = 46)	780.4 (n = 46)	144.1 (5.3 to 282.9)	<0.00001	15.1%
Decrease in hemoglobin concentration in patients without perioperative blood transfusion *(g/L)*	34 (n = 66)	32 (n = 72)	1.2 (−3.4 to 5.9)	0.61	0%

*Test of heterogeneity. To calculate the weighted mean differences, a fixed-effects model was used if I^2 was <50% and a random-effects model was used if I^2 was >50%.

Table E-2. Sensitivity Analysis Including Only the Studies[8,10] in Which the Complications Were Predefined and Reported Adequately: Pooled Risk Differences in Rates of Early Postoperative Complications Between the Late and Early-Tourniquet-Release Groups

Event	Pooled Incidence in Late-Tourniquet-Release Group	Pooled Incidence in Early-Tourniquet-Release Group	Risk Difference (95% Confidence Interval)	P Value	I^2 Value
All regional complications	39.3% (33/84)	17.9% (15/84)	21% (8 to 35)	0.002	0%
Complications that required another operation*	10.7% (9/84)	1.2% (1/84)	10% (2 to 17)	0.01	0%
Minor wound complications†	28.6% (24/84)	16.7% (14/84)	12% (−1 to 24)	0.06	0%

*Wound dehiscence, hematomas, and infections that required drainage and/or débridement and knee stiffness that required manipulation with the patient under anesthesia. †Erythema, tense wounds, hematoma, cellulitis, oozing, and dehiscence that did not require another operation.