**Table 4**. Outcomes and Complications

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Author (Year) | Sample Size (Controls) | Superficial Infection / Wound dehiscence (%) | Prosthetic Joint Infection (%) | Hematoma (%) | Revision Surgery (Nr or %) | Blood Transfusion (%) | VTE (%) | Mean Length of Inpatient Stay | Readmission (%) |
| Aggarwal 2013[28] | 161 (161) | 39% vs 11% (p<0.001) | 6% vs 1% (p=0.02) | 4% vs 0% (p=0.01) | n/a | 15% vs 4% (p<0.001) | n/a | 6.3 vs 3.4 days (p<0.001) | 26% vs 6% (p<0.001) |
| Della Valle 2020[29] | 210 (67) | 1.2% vs 0% | n/a | 0.8% vs 0% | n/a | 3.2% vs 2.6% | 2.5% vs 0% | n/a | 2.5% vs 0% |
| McDougall 2013[27] | 89 (179) | 14% vs 2% (p<0.001) | 9% vs 2% (p=0.023) | 28% vs 4% (p<0.001) | 5 vs 4 (p=0.16) | n/a | n/a | n/a | n/a |
| Rhodes 2010[30] | 38 (39) | 3% vs 8% (p=0.34) | n/a | 3% vs 3% (p=1) | 1 vs 2 (p=0.51) | 21% vs 26% (p=0.82) | n/a | n/a | n/a |
| Simpson 2014[26] | 149 (300) | 17% vs 3% (p<0.001) | 6% vs 0% (p<0.001) | n/a | 4.7% vs 0.3% (p<0.001) |  | n/a | n/a | n/a |
| Walton 2004[31] | 80 (794) | The only assessed outcome was incidence of stiffness and MUA between groups, no other outcome endpoints:  26% vs 8% (p<0.001) | | | | | | | |
| n/a – not available or not reported; VTE – venous thromboembolism; MUA – mobilization under anesthesia | | | | | | | | | |