

TABLE E-1 Demographic Characteristics of the Study Group and the Control Group		
	Study Group (N = 30)	Control Group (N = 30)
Age* (yr)	72 (53 to 89)	72 (53 to 89)
Sex†		
Female	16 (53%)	16 (53%)
Male	14 (47%)	14 (47%)
Procedure‡		
Total knee arthroplasty	22 (73%)	22 (73%)
Total hip arthroplasty	7 (23%)	7 (23%)
Total shoulder arthroplasty	1 (3%)	1 (3%)
Surgical approach‡ (total hip arthroplasty)		
Anterior	5 (71%)	5 (71%)
Posterior	2 (29%)	2 (29%)
Components‡		
Uncemented (all total hip arthroplasty)	6 (20%)	6 (20%)
Cemented	24 (80%)	24 (80%)
Without antibiotics	15 (50%)	15 (50%)
With antibiotics	9 (30%)	9 (30%)

\*The value is given as the mean, with the range in parentheses. †The values are given as the number of patients, with the percentage in parentheses. ‡The values are given as the number of patients, with the percentage based on seven total hip arthroplasties in parentheses.

TABLE E-2 Complications of the Study Group (N = 30)	
Complications	No. of Patients (%)
Delayed healing or drainage	11 (37%)
Contained hematoma	9 (30%)
Draining hematoma	3 (10%)
Superficial infection	3 (10%)
Superficial necrosis or skin slough	3 (10%)
Dehiscence	1 (3%)

TABLE E-3 Matched Pair 2 × 2 Table for Mean Blood Glucose*		
Mean Blood Glucose	Controls (>200 mg/dL)	Controls (≤200 mg/dL)
Cases (>200 mg/dL)	5 (Cell A)	15 (Cell B)
Cases (≤200 mg/dL)	4 (Cell C)	6 (Cell D)

\*The odds ratio for the McNemar test is calculated from the discordant pairs: odds ratio = (Cell B)/(Cell C). The odds ratio between the groups is 3.75.

TABLE E-4 Matched Pair 2 × 2 Table for Maximum Blood Glucose*		
Maximum Blood Glucose	Controls (>260 mg/dL)	Controls (≤260 mg/dL)
Cases (>260 mg/dL)	5 (Cell A)	12 (Cell B)
Cases (≤260 mg/dL)	4 (Cell C)	9 (Cell D)

\*The odds ratio for the McNemar test is calculated from the discordant pairs: odds ratio = (Cell B)/(Cell C). The odds ratio between the groups is 3.0.

TABLE E-5 Matched Pair 2 × 2 Table for Hemoglobin A1C*		
Hemoglobin A1C	Controls (>6.7%)	Controls (≤6.7%)
Cases (>6.7%)	8 (Cell A)	9 (Cell B)
Cases (≤6.7%)	1 (Cell C)	12 (Cell D)

\*The odds ratio for the McNemar test is calculated from the discordant pairs: odds ratio = (Cell B)/(Cell C). The odds ratio between groups is 9.0.