

TABLE E-1. Demographic and Clinical Characteristics of Patients Undergoing Total Hip Arthroplasty.

Characteristic	Canada	U.S.	P value
Number of patients	940	739	
Age, mean $\pm$ SD [years]	63.2 $\pm$ 14.9	67.8 $\pm$ 12.4	<0.0001
Men (%)	41.8	42.9	NS
Clinical Characteristics (%)			
Hypertension	25.2	46.2	<0.0001
Diabetes	5.9	9.1	0.0153
Hypothyroidism	5.1	9.5	0.0007
Lipid disorders	3.2	11.8	<0.0001
Previous MI	3.0	4.1	NS
COPD	2.6	3.9	NS
Stroke	1.7	1.1	NS

Abbreviations: SD = standard deviation, COPD = chronic obstructive pulmonary disease, MI=myocardial infarction, NS = nonsignificant.

TABLE E-2. Hospital Course and Resource Utilization for Total Hip Arthroplasty Patients

Characteristic	Canada	U.S.	P value
% Postoperative mortality	0	0.5	NS
% Postoperative complications			
Non-fatal cardiac complications	1.4	2.0	NS
Pulmonary embolism <sup>γ</sup>	0.7	0.4	NS
Deep vein thrombosis <sup>η</sup>	0.7	NA	NA
Wound infection <sup>ψ</sup>	0.3	0.3	NS
LOS, mean ± SD [days]	7.2 ± 4.7	4.2 ± 2.0	<0.0001

<sup>γ</sup> Centers 2-5, 2 in the U.S. and 2 in Canada, did not have coding for pulmonary embolism and were excluded.

<sup>η</sup> Centers 1-5, 3 in the U.S. and 2 in Canada, did not have coding for deep vein thrombosis and were excluded.

<sup>ψ</sup> Centers 1 and 3, both in the U.S., did not have coding for wound infection and were excluded.

Abbreviations: SD = standard deviation, NS = nonsignificant, LOS = length of stay.