Appendix 4. Calculating Incremental Cost-Effectiveness Ratios (ICERs)

Compared to Status Quo	
ICER for option 6 as compared to status quo = $154[a]	IC[b] of option 6 ($299,611) – IC of the status quo ($0) / IB[b] of option 6 (1,942 patients) –IB of the status quo (0 patients)
ICER for option 3 as compared to status quo = $434	IC of option 3 ($523,487) – IC of the status quo ($0) / IB of option 3 (1,205 patients) – IB of the status quo (0 patients)
ICER for option 2 as compared to status quo = $192	IC of option 2 ($643,487) – IC of the status quo ($0) / IB of option 2 (3,346 patients) – IB of the status quo (0 patients)
ICER for option 5 as compared to status quo = $236	IC of option 5 ($812,457) – IC of the status quo ($0) / IB of option 5 (3,348 patients) – IB of the status quo (0 patients)
ICER for option 1 as compared to status quo = $826	IC of option 1 ($874,512) – IC of the status quo ($0) / IB of option 1 (1,059 patients) – IB of the status quo (0 patients)
ICER for option 4 as compared to status quo = $225	IC of option 6 ($892,931) – IC of the status quo ($0) / IB of option 6 (3,960 patients) – IB of the status quo (0 patients)
Compared to Option 6	
ICER for option 3 as compared to option 6[c] = –$304	IC of option 3 ($523,487) – IC of option 6 ($299,611) / IB of option 3 (1,205 patients) – IB of option 6 (1,942 patients)
ICER for option 2 as compared to option 6[d] = $245	IC of option 2 ($643,487) – IC of option 6 ($299,611) / IB of option 2 (3,346 patients) – IB of option 6 (1,942 patients)
ICER for option 5 as compared to option 6 = $340	IC of option 5 ($812,457) – IC of option 6 ($299,611) / IB of option 5 (3,348 patients) – IB of option 6 (1,942 patients)
ICER for option 1 as compared to option 6[c] = –$651	IC of option 1 ($874,512) – IC of option 6 ($299,611) / IB of option 1 (1,059 patients) – IB of option 6 (1,942 patients)
ICER for option 4 as compared to option 6 = $294	IC of option 6 ($892,931) – IC of option 6 ($299,611) / IB of option 6 (3,960 patients) – IB of option 6 (1,942 patients)
Compared to Option 2	
ICER for option 5 as compared to option 2 = $1,664	IC of option 5 ($812,457) – IC of option 2 ($643,487) / IB of Option 5 (3,448 patients) – IB of the Option 2 (3,346 patients)
ICER for option 4 as compared to option 6[e] = $406	IC of option 4 ($892,931) – IC of option 2 ($643,487) / IB of option 4 (3,960 patients) – IB of option 2 (3,346 patients)

[a]The most cost-effective as compared to status quo.

[b]IC, incremental cost; IB, incremental benefit.

[c]More costly and less effective than another available option.

[d]The most cost-effective as compared to option 6.

[e]The most cost-effective as compared to option 2.