Figure 3. Tornado diagram
The diagram shows the percentage change in the ICER attributable to the change of each individual parameter. The numbers at each end of the bars indicate the most extreme values used in the sensitivity analysis. ICER: incremental cost-effectiveness ratio; THB: Thai baht (in 2008 value); QALY: quality adjusted life year; HSCT: hematopoietic stem cell transplantation; and BT-ICT: blood transfusion combined with subcutaneous iron chelating therapy.

Utility of BT-ICT patients: 0.3 to 0.9
Discount rate (%): 6 to 0
Direct non-medical cost of HSCT (≤1,000THB): 73 to 447
Utility of HSCT patients: 1 to 0.8
Direct medical cost of HSCT in the following years (≤1,000THB): 5 to 18
Direct medical cost of BT-ICT (≤1,000THB): 44 to 28
Direct medical cost of HSCT in the 1st year (≤1,000THB): 393 to 591
Direct non-medical cost of BT-ICT (≤1,000THB): 51 to 24
Direct medical cost of HSCT in the 2nd year (≤1,000THB): 12 to 73
Probability of death (BT-ICT): -10 to 10
Age coefficient (HSCT): 0.04 to 0.3

Percentage change in ICER from a mean of 80,000 THB per QALY in response to variation in input parameters.