

**Supplemental Table S3.** Results of Sensitivity Analysis according to Utility Score

Sensitivity analysis	Strategy	Cost, USD	Incremental cost, USD	Effectiveness, QALYs	Incremental effectiveness, QALYs	ICER, \$/QALY	NMB, USD
Utility of lobectomy							
0.86	ES	9,208	415	23.26	0.15	2,852	456,072
	SD	8,793		23.12			453,577
0.99	ES	9,208	415	23.55	0.19	2,172	461,758
	SD	8,793		23.36			458,353
Utility of total thyroidectomy							
0.819	ES	9,208	415	23.26	0.15	2,852	456,072
	SD	8,793		23.12			453,577
0.95	ES	9,208	415	24.00	0.12	3,593	470,700
	SD	8,793		23.88			468,806

USD, US dollar; QALY, quality-adjusted life year; ICER, incremental cost-effectiveness ratio; NMB, net monetary benefit; ES, early screening; SD, symptomatic detection.