



**Supplemental Fig. S1.** The Markov decision model constructed in this study. We compared the following two strategies: early screening (ES) and symptomatic detection (SD). The following seven health states were assumed in the analysis model: healthy, benign, post-hemithyroidectomy (HT) surveillance without complication, post-HT surveillance with complication, post-total thyroidectomy (TT) surveillance without complication, post-TT surveillance with complication, and death. wo, without; w, with; tx, treatment.