

## Appendix 2: Model assumptions

Self-management start-up costs	Cost per patient (SD*), \$
Training the pharmacist	4
Pharmacist training patient	63
Point of care device	1 500
Total (base case)	1 567 (160)

Annual costs	Cost per patient (SD*), \$	
	Physician-management	Self-management
INR tests	210	268
Phone consultations	48	51
Face-to-face visit	99	33
Total (base case)	357 (36)	352 (36)

Event	Cost per event (SD*), \$
Major thrombotic†	16 604 (1 673)
Major hemorrhagic†	6 003 (830)
Minor hemorrhagic†	91 (36)
Disabled, thrombotic§	47 960 (5 107)
Disabled, hemorrhagic§	39 535 (3 464)
Death	1 700

Utilities	EQ-5D weight	SG weight¶
Stroke		
Independent	0.70	0.91
Moderate-severe disability	0.19	0.61,0.64
Major-moderate (years following stroke)	0.33	NA
Major hemorrhage		
Independent	0.80	0.841
Moderate-severe disability	0.69	NA
Major (years following event)	0.80	NA
Minor hemorrhage	1	0.95
No event	1	0.95
Death	0	0

Note: SD = standard deviation, INR = international normalized ratio, SG = standard gamble, NA = not available.

\*SD generated assuming  $\pm 25\%$  change in cost (normally distributed).

†Includes cost of rehabilitation for 1 year.

‡Includes complete blood count, INR test and visit to emergency department.

§Includes cost of long-term care.

¶SG weights used in deterministic sensitivity analysis.