**Key Features and Requirements for your decision model**

(Adapted from CHEERS checklist)

| **Section/Item** | **No** | **Description** | **Details about your study (if applicable)** |
| --- | --- | --- | --- |
| Background and objectives | 1a | Define the study question and its relevance for health policy or practice decisions. |  |
| 1b | Are there any decision models out there already answering your research question? |  |
| Target population and subgroups | 2 | Describe characteristics of the base case population. |  |
| Setting and location | 3 | State to which setting and location does this decision model apply. |  |
| Study perspective | 4 | Decide on the perspective of the study and relate this to the costs being evaluated. |  |
| Comparators | 5 | Which interventions or strategies are being compared? |  |
| Model type | 6 | What type of decision model you think you need? How important is the effect of time in the question you are trying to answer? |  |
| Model structure | 7 | What are the most important health states / events / pathways that will be in your model |  |
| Time horizon | 8 | Choose a time horizon(s) over which costs and consequences are being evaluated. |  |
| Discount rate | 9 | Report the choice of discount rate used for costs and outcomes and say why. |  |
| Choice of health outcomes | 10 | Determine which health outcomes will be used as the measure(s) of benefit in the evaluation (e.g. LYs, QALYs). |  |
| Measurement of effectiveness | 11 | What type of data you have available to estimate the effectiveness (RCT, expert opinion etc)? Will evidence synthesis be used? |  |
| Measurement and valuation of preference based outcomes | 12 | If you are doing a cost-utility analysis do you have HRQoL data? |  |
| Estimating resources and costs | 13 | Describe data sources used to estimate costs/resource use associated with model health states |  |
| Assumptions | 14 | Describe assumptions underlying your model |  |