**Supplementary Material**

**Table S5. Parameters for estimating the disease burden of various health states ofhuman papillomavirus *(*HPV)**

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| --- | --- | --- |
| **Health state** | **Severity weight** | **Duration** |
| Surgery  | 0.268 | 4 weeks |
| Radiation  | 0.219 | 6 weeks |
| Chemotherapy | 0.250 | 2 weeks |
| Remission | 0.035 | Lifetime |
| Palliative care | 0.516 | 5 months |
| Terminal care | 0.821 | 1 month |