Supplementary Table 1. Threshold analysis, with the more cost-effective treatment strategy over the complete range of values is noted in parentheses.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | WTP 0 | WTP 10 | WTP 25 | WTP 50 |
| Long-term reduction in revision rate due to wear [%] | - (Standard) | - (Standard) | 27% | 15% |
| Price increment [EUR] | 324 | 651 | 1152 | 1979 |
| Productivity loss  | - (Standard) | - (Standard) | - (Low-wear)  | - (Low-wear) |
| Out-of-pocket costs [EUR] | - (Standard) | - (Standard) | - (Low-wear) | - (Low-wear) |
| DRG Reimbursement Revision TKA [EUR] | - (Standard) | - (Standard) | 2265 | - (Low-wear) |
| Discounting rate for effectiveness [%] | - (Standard) | - (Standard) | 0.049 | - (Low-wear) |
| Utility primary  | - (Standard) | - (Standard) | 0.80 | 0.73 |
| Utility revision  | - (Standard) | 0.43 | 0.64 | 0.71 |

Abbreviations: WTP = willingness to pay.

“-“ indicates no threshold was found for the associated WTP. The most cost-effective strategy is mentioned between parentheses.