APPENDIX II

Description of the calculations.

Calculation on the additional costs for the hybrid operating room:

\[
\begin{align*}
\text{Total costs for a robot-assisted procedure} & \quad - \quad \text{Total costs for a laparoscopic procedure} \\
& = \frac{\text{(acquisition costs robotic system} \times \text{annuity} + \text{maintenance costs})}{\text{number of procedures}} + \text{variable costs} \\
& \quad - \quad \frac{\text{(acquisition costs laparoscopic tower} \times \text{annuity} + \text{maintenance costs})}{\text{number of procedures}} + \text{variable costs}
\end{align*}
\]

Calculation on the value for money:

\[
\begin{align*}
\text{Expected effects expressed in monetary value} & \quad - \quad \text{Additional costs for a robot-assisted procedure} \\
& = \Sigma (\text{Cost effect} \times \text{expected effect}) - \text{Additional costs for a robot-assisted procedure}
\end{align*}
\]

Calculation on the effect required per variable (OR minutes, conversions, complications, hospital days, positive margin, QALY) to compensate for the additional costs:

\[
\begin{align*}
\text{For example:} & \quad \frac{\text{(expected gain in operating time with robotic procedure} \quad - \quad \text{additional costs robotic procedure})}{\text{the costs on one operating minute}}
\end{align*}
\]