

**APPENDIX II****Description of the calculations.**Calculation on the additional costs for the hybrid operating room:

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

Calculation on the value for money:

$$\begin{aligned} &= \text{Expected effects expressed in monetary value} - \text{Additional costs for a robot-assisted} \\ &\quad \text{procedure} \\ &= \sum (\text{Cost effect} * \text{expected effect}) - \text{Additional costs for a robot-assisted procedure} \end{aligned}$$

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

$$= (\text{expected effects} - \text{additional costs for robotic procedure}) / (\text{effect expressed in monetary value})$$

For example: (expected gain in operating time with robotic procedure – additional costs robotic procedure) / the costs on one operating minute