

**Supplementary Table 9.** Infeasibility rates by cylinder diameter and relative risk of infeasibility (male vs. female)

Cylinder diameter (mm)	Male infeasible/total (%)	Female infeasible/total (%)	RR for infeasibility (male/female; 95% CI)	Fisher exact P_FDR
3.5	0/42 (0)	0/40 (0)	NA <sup>a)</sup>	1
4.5	0/42 (0)	0/40 (0)	NA <sup>a)</sup>	1
5	2/42 (4.8)	7/40 (17.5)	0.27 (0.06–1.23)	0.084
6.5	8/42 (19.0)	29/40 (72.5)	0.26 (0.14–0.50)	4.0×10 <sup>-6</sup>
7.3	17/42 (40.5)	36/40 (90.0)	0.45 (0.31–0.66)	4.0×10 <sup>-6</sup>

Values are presented as counts and percentages. Infeasibility was defined as inability to accommodate a virtual cylinder of the specified diameter along the planned trajectory without cortical violation. Between-sex differences were assessed using Fisher exact test; P\_FDR indicates Benjamini-Hochberg false discovery rate-adjusted P-values across the tested diameters. RR denotes the risk ratio for infeasibility (male risk/female risk) with 95% CIs. RR, risk ratio; CI, confidence interval; FDR, false discovery rate; NA, not applicable.

<sup>a)</sup>Not applicable because infeasibility was 0 in both sexes (RR/CI not calculable).