

Supplementary data

Development of simulated arthroscopic skills

A randomized trial of virtual-reality training of 21 orthopedic surgeons

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Submitted 09-11-26. Accepted 10-08-30

Table 2. Average difference in performance from the first to the second test for the 3 groups. A positive number means an improvement from the first to the second test. Values are mean (95% CI). See Figure 4 for explanation of groups

Group	First test	Second test	Difference
Time (sec.)			
1	282 (210–355)	283 (159–407)	–1 (–99–97)
2	673 (449–896)	607 (347–868)	65 (–269–400)
3	720 (499–941)	223 (118–329)	497 (346–647)
Path camera (mm)			
1	1088 (691–1485)	1240 (603–1875)	–151 (–614–311)
2	3503 (1168–5838)	3793 (1556–6030)	–290 (2731–2151)
3	3665 (2267–5064)	836 (430–1241)	2830 (1539–4120)
Path probe (mm)			
1	1727 (774–2680)	2202 (277–4128)	–475 (–2278–1328)
2	3484 (1370–5599)	3615 (1003–6227)	–131 (–4083–3821)
3	4583 (2479–6688)	1034 (422–1647)	3549 (1717–5380)
Number of collisions			
1	175 (45–105)	96 (23–170)	–22 (–81–37)
2	145 (63–226)	175 (69–282)	–31 (–190–129)
3	197 (70–324)	68 (30–106)	129 (17–240)
Depth collisions (kN e+38)			
1	2.69 (1.76–3.63)	2.54 (1.80–3.27)	1.58 (–12.1–15.2)
2	3.13 (2.94–3.31)	3.14 (2.91–3.38)	–0.18 (–3.75–3.39)
3	3.11 (2.90–3.32)	2.19 (1.44–2.94)	9.20 (1.70–16.7)