Supplementary Tables

Table S1. Reliability of angular measurements with Kinovea (mean ± SD, ICC values)

Role	Approach	Condition	Mean (SD) Obs.1.1	Mean (SD) Obs.1.2	Mean (SD) Obs.2	p (Wilcoxon)	ICC Test–retest (95% CI)	ICC Interobserver (95% CI)
Surgeon	Direct lateral	Standard	47.28 (43.30)	47.56 (43.60)	47.33 (43.70)	0.715	0.999 (0.999–1)	0.999 (0.998–0.999)
	Direct lateral	Change	42.52 (42.03)	42.80 (41.96)	42.38 (41.49)	0.511	0.999 (0.998–0.999)	0.999 (0.998–0.999)
	Posterolateral	Standard	46.68 (44.81)	46.30 (44.72)	45.80 (44.14)	0.141	0.998 (0.998–0.999)	0.999 (0.998–0.999)
	Posterolateral	Change	42.32 (44.15)	41.91 (43.72)	41.39 (43.27)	0.078	0.999 (0.998–0.999)	0.999 (0.998–0.999)
Assistant	Direct lateral	Standard	45.27 (50.47)	44.65 (50.15)	44.74 (50.03)	0.191	0.999 (0.998–0.999)	1.000 (0.999–1)
	Direct lateral	Change	43.57 (48.36)	43.49 (48.14)	43.33 (48.17)	0.780	1.000 (0.999–1)	1.000 (0.999–1)
	Posterolateral	Standard	48.15 (53.09)	47.71 (52.38)	46.97 (51.81)	0.120	0.974 (0.955–0.985)	1.000 (0.999–1)
	Posterolateral	Change	47.39 (52.86)	46.99 (52.42)	46.48 (51.88)	0.093	0.999 (0.998–1)	1.000 (0.999–1)

Table S2. Overall REBA scores and reliability for surgeon and assistant

Role	Approach	Condition	Mean (SD)	Test–retest ICC (95% CI)	Inter-observer ICC (95% CI)

Surgeon	Direct lateral	Standard	5.88 (2.03)	0.968 (0.85–0.99)	0.984 (0.93–0.99)
	Direct lateral	Change	5.63 (2.39)	0.940 (0.73–0.99)	1.000 (–)
	Posterolateral	Standard	5.50 (2.33)	0.965 (0.84–0.99)	0.959 (0.82–0.99)
	Posterolateral	Change	4.50 (1.20)	0.901 (0.58–0.98)	1.000 (–)
Assistant	Direct lateral	Standard	3.29 (0.85)	0.780 (0.15–0.96)	0.923 (0.66–0.98)
	Direct lateral	Change	3.43 (0.54)	-0.091 (–0.76–0.66)	0.727 (0.10–0.95)
	Posterolateral	Standard	3.43 (0.54)	0.750 (0.15–0.95)	0.143 (–0.34–0.72)
	Posterolateral	Change	3.43 (0.54)	1.000 (–)	0.750 (0.15–0.95)