Supplementary Table 1. Intra-observer coefficient of variation for the penetration distance

	Penetration distance [mm]				Mean [mm]	SD	CV
	Repeat 1	Repeat 2	Repeat 3	Repeat 4			
Observer 1	2.49	2.29	2.74	2.41	2.48	0.19	7.67%
Observer 2	2.42	2.45	2.33	2.32	2.38	0.06	2.72%
Observer 3	2.31	2.29	2.34	2.31	2.31	0.02	0.89%

Each of the four repeats was the mean of 40 penetration distance measurements at locations equally distributed around the perimeter of the cut face. SD — standard deviation; CV — coefficient of variation, which was calculated using the formula of SD/Mean × 100%.

Supplementary Table 2. Inter-observer coefficient of variation for the penetration distance

Penetration distance [mm]			Mean [mm]	Standard deviation	Coefficient of variation
Observer 1	Observer 2	Observer 3			
2.48	2.38	2.31	2.39	0.09	3.56%

Penetration distance for each observer was the mean of four repeats, with each repeat being the mean of 40 penetration distance measurements at locations equally distributed around the perimeter of the cut face.

Supplementary Table 3. Intra-observer coefficient of variation for the measurement of the marked face area of tissue cubes

	Marked face area of the tissue [mm²]										Mean [mm²]	SD	CV
	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10			
Ob1	512.7	510.2	515.2	517.8	515.2	520.3	520.3	517.8	517.8	519.0	516.6	3.3	0.6%
Ob2	507.4	500.0	505.2	504.1	502.2	508.3	504.3	506.0	508.0	501.6	504.7	2.8	0.6%
Ob3	513.1	512.3	509.8	504.7	512.5	511.6	509.8	512.9	508.6	509.1	510.4	2.6	0.5%

Ob — observer; Rep — repeat; SD — standard deviation; CV— coefficient of variation.

Supplementary Table 4. Inter-observer coefficient of variation for the measurement of the marked face area

Top face area of the tissue [mm²]			Mean [mm²]	SD	CV
Observer 1	Observer 2	Observer 3			
516.6	504.7	510.4	510.6	6.0	1.2%

Area of the marked face of the tissue was the mean of the ten repeats carried out by each observer. SD — standard deviation; CV — coefficient of variation.