

Supplementary

# Effects of Post-curing Light Intensity on the Mechanical Properties and Three-Dimensional Printing Accuracy of Interim Dental Material

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Table S1. Mean  $\pm$  SD values on flexural strength and modulus.

Group	Post-Curing time	Flexural Strength (MPa)	Flexural Modulus (GPa)
GS	-	10.49 $\pm$ 0.97	0.16 $\pm$ 0.02
G20	5min	84.11 $\pm$ 11.87	2.79 $\pm$ 0.09
	10min	97.64 $\pm$ 3.98	3.23 $\pm$ 0.11
	20min	95.75 $\pm$ 2.86	3.13 $\pm$ 0.21
G60	5min	99.24 $\pm$ 8.97	3.38 $\pm$ 0.10
	10min	104.42 $\pm$ 4.60	3.54 $\pm$ 0.20
	20min	106.24 $\pm$ 5.45	3.64 $\pm$ 0.22
G80	5min	105.05 $\pm$ 7.65	3.40 $\pm$ 0.22
	10min	106.37 $\pm$ 8.50	3.80 $\pm$ 0.20
	20min	116.60 $\pm$ 8.82	4.17 $\pm$ 0.41
G120	5min	101.98 $\pm$ 9.51	3.48 $\pm$ 0.10
	10min	109.35 $\pm$ 2.02	3.70 $\pm$ 0.09
	20min	112.39 $\pm$ 2.58	3.99 $\pm$ 0.07

Table S2. Mean  $\pm$  SD values on Vickers microhardness

Group	Post-Curing time	Surface Hardness (VHN)
GS	-	1.67 $\pm$ 0.18
G20	5min	10.10 $\pm$ 0.65
	10min	10.66 $\pm$ 0.61
	20min	10.65 $\pm$ 0.46
G60	5min	11.23 $\pm$ 0.70
	10min	11.39 $\pm$ 0.68
	20min	11.84 $\pm$ 0.45
G80	5min	12.03 $\pm$ 0.65
	10min	11.94 $\pm$ 0.51
	20min	12.08 $\pm$ 0.50
G120	5min	12.21 $\pm$ 0.49
	10min	12.26 $\pm$ 0.37
	20min	12.86 $\pm$ 0.39

**Table S3.** Mean  $\pm$  SD RMSE values on the accuracy of the three-unit bridge.

Group	Post-Curing time	RMSE ( $\mu\text{m}$ )
G20	5min	80.34 $\pm$ 3.62
	10min	75.56 $\pm$ 4.39
	20min	76.66 $\pm$ 2.96
G60	5min	82.00 $\pm$ 4.84
	10min	85.06 $\pm$ 6.09
	20min	79.40 $\pm$ 6.83
G80	5min	76.48 $\pm$ 7.92
	10min	82.58 $\pm$ 7.15
	20min	79.90 $\pm$ 4.66
G120	5min	76.50 $\pm$ 6.54
	10min	80.88 $\pm$ 5.63
	20min	78.44 $\pm$ 5.92