Corrigendum

Corrigendum to “Biomechanical Evaluation of a Tooth Restored with High Performance Polymer PEKK Post-Core System: A 3D Finite Element Analysis”

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In the article titled “Biomechanical Evaluation of a Tooth Restored with High Performance Polymer PEKK Post-Core System: A 3D Finite Element Analysis” [1], there were some reference and numerical errors in Tables 1 and 2, which should be corrected as follows.

TABLE 1: Mechanical properties of the materials used in the finite element model.

Materials	Elastic modulus (GPa)	Poisson's ratio	Reference
Cortical bone	13.7	0.30	[25]
Trabecular bone	1.37	0.30	[25]
Periodontal ligament	0.069	0.45	[25]
Dentine	18.6	0.31	[25]
Gutta-percha	0.00069	0.45	[25]
Post cement	5.0	0.30	[25]
Resin core	20.0	0.30	[25]
Fiberglass post	53.8	0.30	[13]
Gold alloy	95.0	0.33	[14]
PEKK	5.1	0.40	Manufacturer
Ceramic crown	62.0	0.30	[25]

TABLE 2: Flexural strengths for the different component materials of the model.

Materials	Flexural strength (MPa)	Reference
Dentine	212.9	[25]
Post cement	97	[25]
Resin core	90	[25]
Fiberglass post	1242.5	[13]
Gold alloy	1545.3	[28]
PEKK	200	Manufacturer
Ceramic crown	160	[25]

References

- [1] K.-S. Lee, J.-H. Shin, J.-E. Kim et al., “Biomechanical evaluation of a tooth restored with high performance polymer PEKK post-core system: a 3D finite element analysis,” *BioMed Research International*, vol. 2017, Article ID 1373127, 9 pages, 2017.