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**"Effect of Chisel and Wire Loop Loading on  
Stress Distribution during Shear and Micro  
Shear Dentin-Composite Bond Strength Testing  
-A Finite Element Study-"**

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# ***Dedication***

*I would like to dedicate this work to my **beloved**  
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## Appendix

Finite element Term	Definition
<b>Mesh</b>	A network composed structurally of groups of elements intersecting at points known as nodes
<b>Nodes</b>	They are the intersection points of the mesh and the points at which stresses are algorithmically calculated
<b>Elements</b>	The structural building unit of the mesh
<b>Geometry</b>	Figures drawn using points, curves, surfaces, and solids which can be meshed for FEA
<b>Curve divisions</b>	The intervals at which nodes are spaced in the created meshwork
<b>Surface mesh transition factor</b>	The factor that determines the density of mesh created within a surface geometry
<b>Volume mesh coarsening factor</b>	The factor that determines the density of mesh created within a solid geometry
<b>Element Class</b>	The geometrical shape of a single element that determines the number of included nodes for algorithmic calculations
<b>Element Type</b>	The proposed calculation method for stresses generated at nodes within the element
<b>Contact bodies</b>	The geometries that are in contact within the model whether this contact is touching, glued, or any assigned contact type