

Project: Analysis of Constructive Parameters for the Structural Optimization of Dental Prostheses Using the Finite Element Method

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Project Description: This work analyzes the influence of constructive parameters on the structural behavior of a dental prosthesis using the Finite Element Method (FEM), in conjunction with Response Surface Methodology (RSM) and Design of Experiments (DOE). The objective is to minimize stresses in the cortical bone at the bone-implant interface region through the optimization of the prosthetic structure.