Dental implants are susceptible to disease, with approximately 50% of all implants affected by peri-implantitis. The elimination of at least 85% of plaque on a daily basis is critical to the maintenance of implant health. A standard by which toothbrush mediated APS removal from the interproximal and subgingival areas is evaluated is the coronal angle, with varying brushing techniques and interproximal design. 

Results: The 3D printed models had higher dimensional accuracy than the resolution of the 3D stereolithograph. This method is far superior to other systems described in literature, which used imprecise, non-3D printed surface. Water is integral to the oral cavity, it must be included for accurate simulation. If mass is a variable, we recommend placing the models in a desiccator after water exposure.

Conclusions: The models are porous and can absorb water. Dental implants susceptible to disease, with approximately 50% of all implants affected by peri-implantitis. Implant and Gingiva

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