

Heat Generation during Dental Implant Bed Preparation Using Surgical Guides with and without Internal Irrigation Channels Evaluated on Standardized Models of the Alveolar Bone

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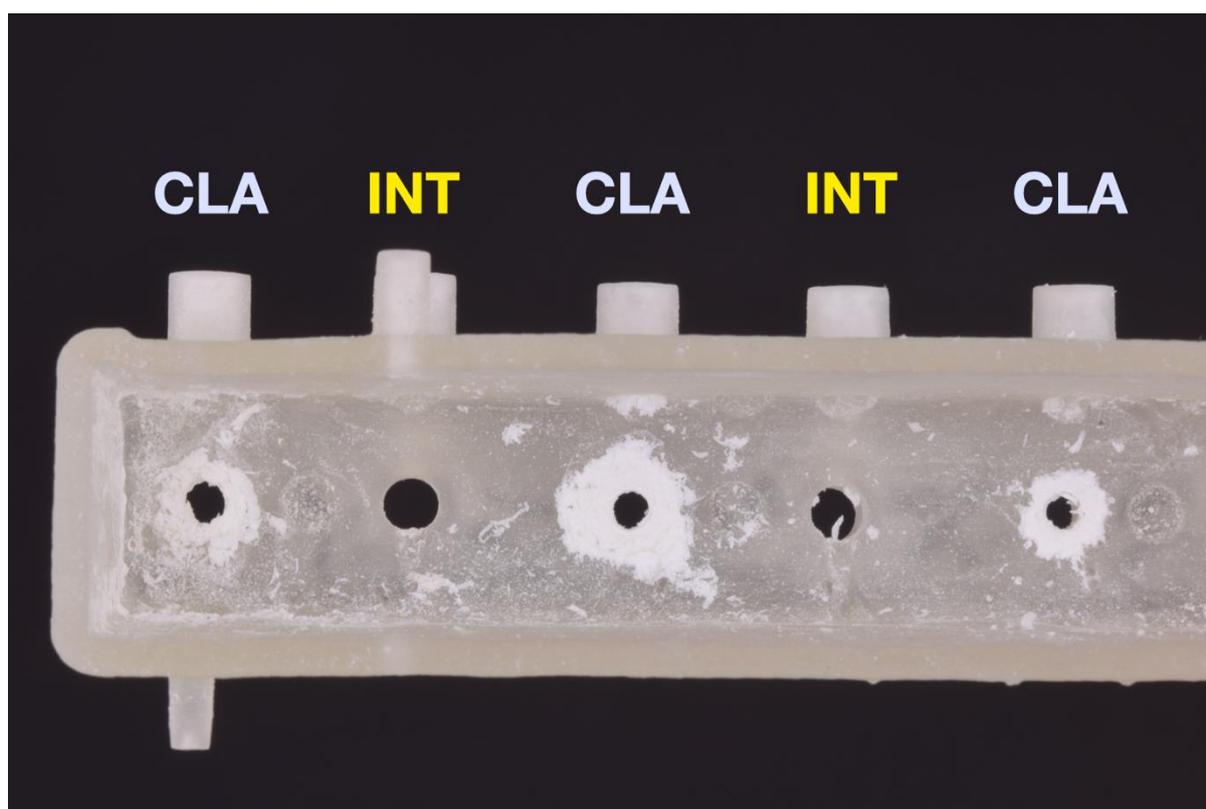


Figure S1: Photograph of the surgical template's bottom taken immediately after the thermodynamic measurements. Bone chips are visible around the classical surgical guides (CLA); they accumulated in the space between the template and the artificial bone specimen. In contrast, the areas around the guides with internal irrigation channels (INT) are free of debris, suggesting that the irrigation fluid, directed at the burr's point of entry into the bone, flushed away the chipped bone pieces.