

Comparison the vertical deviation of bite registration materials with modified materials and suitable storage time.

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This study was designed to determine vertical deviation in mounting casts on an articulator as affected by the bite registration material. Seven different bite registration materials and modified materials were tested after storage of the records for 1, 6, 24 and 48 hours. Material used were polyether, zinc oxide eugenol, calcium thdroxide, silicone light body, silicone putty, silicone putty with pumice 0.05 and 0.10 grams. Examine the interocclusal record by digital veneer caliper. Data analysis one way ANOVA indicated that there was statistically difference ($p < 0.05$) from 24 to 48 hours. When using polyether, silicone light body, silicone putty, silicone putty with pumice 0.05 and 0.10 grams. The lowest mean of vertical deviations is the 48 hours storage time groups.

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