

Intrusion of Supraoccluded Molars with Temporary Anchorage Devices Before a Prosthetic Reconstruction

Josef Kučera, René Foltán, Martin Tomeček

Adult patients with missing lateral teeth and consequent supraocclusion of antagonist teeth present a great challenge for the treating prosthodontist or implantologist. Supraoccluded molars may approach the gingiva and alveolar crest in the opposing jaw to such an extent, that it makes any prosthetic reconstruction impossible. The treatment options thus depend on the severity of the supraocclusion. In severe cases, either extensive grinding with root canal treatment or extraction of supraoccluded tooth may be the only possible treatment options. Orthodontic intrusion with the help of temporary anchorage devices (miniplates, orthodontic miniscrews) brings a viable, problem-focused alternative, which does not require comprehensive orthodontic treatment and provides predictable results. The aim of this lecture is to introduce this method on severe cases of patients with molar supraocclusion and discuss some clinical aspects of molar intrusion, including the retention of the results.

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