

# CASE REPORT

## Use of the Lower Third Molars for Anchorage Control in Class III Camouflage Treatment with a Lingual Appliance

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**N**ongrowing patients with skeletal Class III malocclusions often require surgical-orthodontic treatment. In mild to moderate cases, however, orthodontic camouflage treatment can reposition the teeth to compensate for the skeletal discrepancy and obtain better occlusion, function, and esthetic results.<sup>1</sup>

Camouflage treatment usually involves extractions to relieve crowding, reduce lower-incisor protrusion, and correct the molar and canine relationships. A nonextraction option is to use en-masse distalization of the mandibular arch to increase a

preexisting sagittal dental compensation. In cases of mild Class III dental discrepancies, this can often be accomplished with intermaxillary elastics,<sup>1,2</sup> but because the success of treatment with elastics depends heavily on patient compliance,<sup>3</sup> mini-implants



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