

# American Journal of Orthodontics & Dentofacial Orthopedics

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### COVER

**On the cover:** Because miniscrews can deliver force directly to a target tooth, they are helpful in adjunctive orthodontic treatment. In some situations, however, the direct application of force might not be possible, and an indirect method allows a tooth adjacent to the target tooth to be used instead. Jang and fellow researchers at Gangnam Severance Dental Hospital in Seoul, Korea reviewed the records of 28 patients whose treatment included the use of an indirect anchorage system. Digitized pretreatment and posttreatment dental casts were studied with 3D methods, and movement of the anchor teeth was compared with that of controls. The results showed that indirect anchor teeth moved about 0.9 mm, compared with about 0.3 mm for the controls; anchor teeth in the mandible tended to move more than those in the maxilla. Indirect anchorage can be used to good effect, but it should be monitored carefully to avoid unwanted tooth movements. The smiling patient on the cover is Ethan Byrd, who was treated orthodontically by Dr Gary Wolf, Milan, Ohio.

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