

**The Cover**

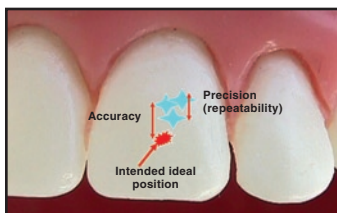
This month's cover features a 3D volume rendering of a CT scan using software from Anatomage, Inc., as described in The Cutting Edge.



494 Miniplate System



502 Invisalign Classification



524 Bracket Placement

**DEPARTMENTS**

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**A Miniplate System for Improved Stability of Skeletal Anchorage**

BENEDICT WILMES, DDS, MSC  
 DIETER DRESCHER, DDS, PHD  
 MANUEL NIENKEMPER, DDS

The Beneplate system uses two in-line miniscrews and a variety of attachments.

**494**

**A Patient-Classification System for Invisalign Cases**

DOUG CROSBY, DDS, MS  
 JESSICA LEE

The authors divide cases by complexity.

**502**

**THE CUTTING EDGE  
 Dynamic Cone-Beam Computed Tomography in Orthodontic Treatment**

DOUGLAS L. CHENIN, DDS; DAVID A. CHENIN, DDS, MSD;  
 STEPHEN T. CHENIN, DDS; JACK CHOI, PHD

This program develops digital models from CBCT scans for three-dimensional diagnostics.

**507**

**TECHNIQUE CLINIC  
 Precise, Simultaneous Bracket and Miniscrew Placement**

V.P. SABARINATH, MDS; P.V. HAZAREY, MDS;  
 NARENDRA SHARMA, MDS; SAMIR JAIN, MDS

Brackets and implants are placed in a single step.

**513**

**CASE REPORT  
 Maxillary Canine-First Premolar Transposition in the Permanent Dentition**

CRISTINA VITALE, DDS, PHD  
 ANGELA MILITI, DDS, PHD  
 MARCO PORTELLI, DDS, PHD  
 GIANCARLO CORDASCO, MD, DDS  
 GIOVANNI MATARESE, MD, DDS

Successful treatment depends on early diagnosis.

**517**

**Precision of Bracket Placement on Dental Models**

MING-LAI LAI, PHD  
 JAMES MAH, DDS, MS, DMSC

The precision of five orthodontists is compared to that of a digital laboratory process.

**524**

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