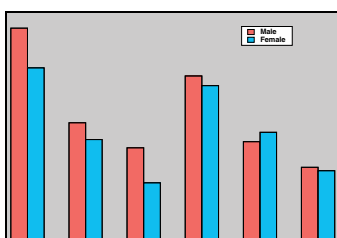


The Cover

A rotunda design can create a feeling of space and improve traffic flow, as shown in the article by Dr. Hamula this month.



19 2009 Practice Study



28 Class II Invisalign



36 Attaching Wires

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**2009 JCO Orthodontic Practice Study
 Part 4 Additional Breakdowns**

ROBERT G. KEIM, DDS, EDD, PHD
 EUGENE L. GOTTLIEB, DDS
 ALLEN H. NELSON, PHD
 DAVID S. VOGELS III

The series concludes with a comparison of male and female orthodontists and a look at the impact of management service organizations.

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Class II Correction with the Invisalign System

WERNER SCHUPP, DDS
 JULIA HAUBRICH, DDS
 IRIS NEUMANN, DDS

Class II treatment is demonstrated using Invisalign appliances and various Class II mechanics.

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Techniques for Attaching Orthodontic Wires to Miniscrews

BJÖRN LUDWIG, DMD, MSD
 BETTINA GLASL, DMD, MSD
 THOMAS LIETZ, DDS
 AXEL BUMANN, DDS, PHD
 S. JAY BOWMAN, DMD, MSD

The authors show various methods of tying wires to slotted miniscrew heads.

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The Orthodontic Sports Protection Appliance

GUSTAVO PACHECO, DDS
 MIGUEL PAIS CLEMENTE, DDS
 MÁRIO VASCONCELOS, DDS, PHD
 AFONSO P. FERREIRA, DDS, PHD

This customized mouthguard helps prevent injury while allowing orthodontic tooth movement.

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**ORTHODONTIC OFFICE DESIGN
 Attracting Patients to Your Practice**

WARREN HAMULA, DDS, MSD

Practice-building design techniques are illustrated.

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**CASE REPORT
 Orthodontic Camouflage Treatment of
 an Adult Skeletal Class III Malocclusion**

XIN LIU, DDS
 ZHENHUA YANG, DDS, PHD

An adult with a skeletal Class III is treated non-surgically.

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