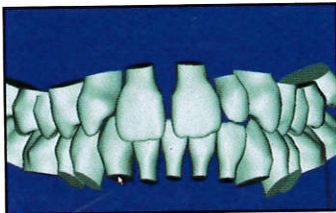


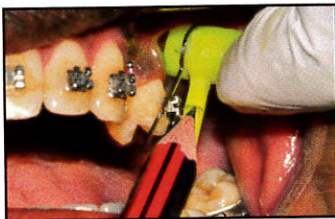


The Cover

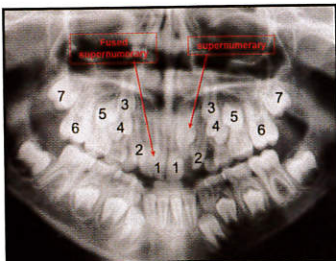
Usage of digital diagnostic methods in the 2014 JCO Study of Orthodontic Diagnosis and Treatment Procedures (green) is compared to the 2008 (orange) and 2002 (blue) surveys.



639 SureSmile Technology



650 3D Printing



654 Fused Maxillary Incisor

DEPARTMENTS

- The Editor's Corner ... 597
- Continuing Education .. 659
- Product News 661
- Classified. 662
- Index of Advertisers ... 663

2014 JCO Study of Orthodontic Diagnosis and Treatment Procedures Part 1 Results and Trends

ROBERT G. KEIM, DDS, EDD, PHD; EUGENE L. GOTTLIEB, DDS; DAVID S. VOGELS III; PHILIP B. VOGELS
Results of JCO's sixth nationwide survey are compared to those of previous reports.

607

JCO INTERVIEWS

Dr. Jim McNamara on Early Orthodontic and Orthopedic Treatment Part 2

Protocols for various malocclusions are discussed.

631

THE CUTTING EDGE

Treatment Planning for Orthodontic-Restorative Cases with SureSmile Technology

RICHARD L. SCHECHTMAN, DDS
Virtual simulations prove helpful in interdisciplinary treatment.

639

A 3D-Printed Miniscrew Insertion Stent

S. FAYYAZ AHAMED, MDS; A.S. APROS KANNA, MDS
An inexpensive Fused Deposition Modeling printer is used for stent fabrication.

650

TECHNIQUE CLINIC

Incisor Retraction with a Compressed Open-Coil Spring

ALEXEI PETROV, DDS, PHD; ARAM DAVIDYAN, DDS; MITHRAN S. GOONEWARDENE, BDS, MMS
The authors' technique allows simultaneous retraction and space closure.

653

Surgical and Orthodontic Treatment of a Fused Maxillary Central Incisor and Supernumerary Tooth

TAMAR FINKELSTEIN, DMD; YEHOShUA SHAPIRA, DMD; NAOMI BECHOR, DMD; NIR SHPACK, DMD, MSC
Surgical separation of a fused incisor is followed by successful orthodontic correction.

654

The opinions expressed in the *Journal of Clinical Orthodontics* are those of the writers and do not necessarily reflect the opinions and policies of JCO. Copyright © 2014 JCO, Inc. *Journal of Clinical Orthodontics* (USPS 802-120, ISSN 0022-3875) is published monthly for \$300 per year (U.S. individual rate) by JCO, Inc., 1828 Pearl St., Boulder, CO 80302-5519. Periodicals postage paid at Boulder, CO, and additional mailing office. POSTMASTER: Send address changes to JCO, 1828 Pearl St., Boulder, CO 80302-5519. Phone: (303) 443-1720; e-mail: info@jco-online.com. The material in each issue of JCO is protected by copyright. Instructions and fees for copying articles from JCO are available from the Copyright Clearance Center, (978) 750-8400; www.copyright.com.