

**| editorial**

- 03 **Dear Reader**  
| Dr Christian Gernhardt, Guest Editor

**| special**

- 06 **Laser in endodontics (Part II)**  
| Prof Giovanni Olivi *et al.*
- 14 **The clinical use of the Er,Cr:YSGG laser in endodontic therapy**  
| Dr Justin Kolnick

**| case report**

- 20 **Retreatment of a lower molar**  
| Dr Konstantinos Kalogeropoulos
- 22 **A case of diagnosis by access**  
| Dr L. Stephen Buchanan

**| feature**

- 28 An interview with **Dr Julian Webber**

**| trends**

- 30 **Key principles that enhance success when restoring endodontically treated teeth**  
| Dr Nadim Z. Baba & Dr Charles J. Goodacre

**| opinion**

- 36 **Endodontic parousia—Nullius in verba redux**  
| Dr Ken Serota

**| industry news**

- 40 **RAYPEX 6—State-of-the-art technology**  
| VDW

**| meetings**

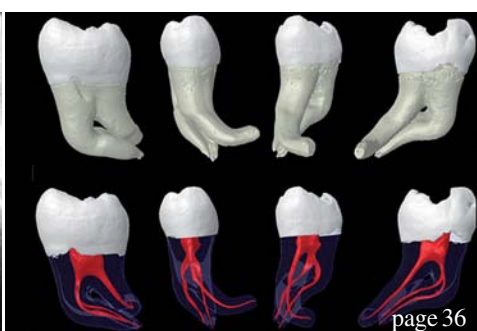
- 42 **AAE aims to ‘bridge the gap’**  
| Sierra Rendon
- 44 **Record-breaking IDS 2011**  
| Yvonne Bachmann
- 48 **International Events**

**| about the publisher**

- 49 | submission guidelines
- 50 | imprint



Cover image courtesy of Prof Marco Versiani and Prof Manoel D. Sousa Neto, Ribeirão Preto Dental School, University of São Paulo.



# Dental Education Laboratories

Dr. Buchanan's Premier Resource for Endodontic Training



Featuring the best products in dentistry and the most comprehensive training on their use in endodontics

## Hands-on Courses

*in our state of the art laboratory designed for endodontics*

Limited to 14 participants, our flagship hands-on program allows you to work closely with Dr. Buchanan to refine your skills, maximize your clinical results and improve your profitability. Self-paced exercises and personalized coaching enable participants to train-up from fundamental concepts to complex case strategies, regardless of their specific experiences and skill levels. All hands-on courses include a live patient demonstration performed by Dr. Buchanan.

Courses offered monthly. Call or visit [endobuchanan.com](http://endobuchanan.com) for upcoming dates and details, and to view a photo gallery of the facility.

## Internet-Based Learning

at [www.endobuchanan.com](http://www.endobuchanan.com)

Our interactive internet site is a rich resource for continuing scholarship and practical information, offering practicing clinicians a dynamic educational resource, unlike any other in endo. Find out about new instrumentation and techniques used by Dr. Buchanan, or explore the site to find:

- Free articles, charts and technique usage materials
- Free CE Online courses
- 3D atlas of endodontic anatomy
- Answers to clinical questions
- Video downloads
- DVD titles

For more information on our courses and programs visit [www.endobuchanan.com](http://www.endobuchanan.com)



 Dental Education Laboratories  
1515 State Street, Suite 16  
Santa Barbara, CA 93101

toll-free: 800 528 1590  
worldwide: 805 899 4529  
[www.endobuchanan.com](http://www.endobuchanan.com)

**ADA CERP**® | Continuing Education  
Recognition Program

Dental Education Laboratories is an ADA CERP recognized provider.  
AGD-Accepted Program Provider - FAGD/MAGD Credit (Nov 2007 - Dec 2011)

Dr. Buchanan holds patents for some instruments used in these courses.