

| editorial

- 03 **Dear Reader**
| Dr Carsten Appel, Guest Editor

| clinical report

- 06 **The X-Files: four case reports**
| Dr L. Stephen Buchanan
- 12 **Endodontically speaking, the proof is in the pudding**
| Dr Barry Musikant
- 18 **Apical microsurgery—Part III**
| Dr John J. Stropko
- 22 **The future of endodontics: pulp revascularisation**
| Dr Philippe Sleiman

| trends

- 24 **Practical clinical considerations in endodontic re-treatment**
| Dr Richard E. Mounce & Dr Gary D. Glassman

| research

- 30 **Determining working length, or how to locate the apical terminus**
| Prof Vladimir Ivanovic & Dr Katarina Beljic-Ivanovic

| industry report

- 38 **The DownPak Device: obturation with heat and vibration**
| Dr Stephen Cohen et al.

| lifestyle

- 42 **Enjoy your trip and indulge in the journey!**
| Annemarie Fischer

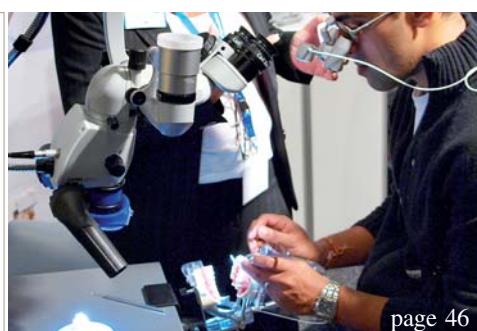
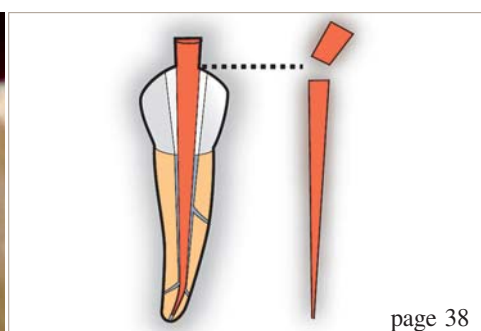
| meetings

- 46 **ESE holds another record meeting in Scotland**
| Daniel Zimmermann
- 48 **Endo events**

| about the publisher

- 49 | submissions
- 50 | imprint

Cover image courtesy of alphaspirt.

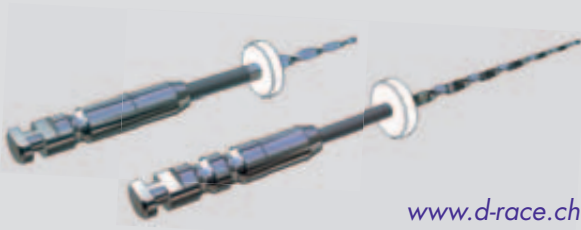


TOOLS TO KEEP SMILING

No less than ...
...4 launches !

D-RaCe

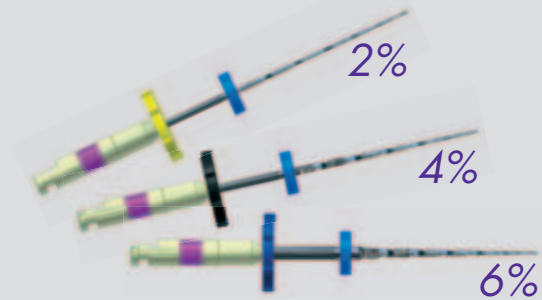
Desobturation made easy



www.d-race.ch

FKG RaCe ISO 10

Mechanical Glide Path



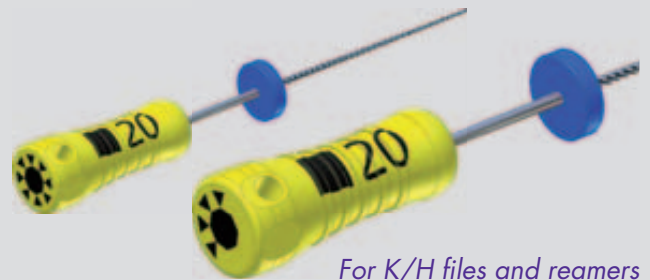
Spreader 4%

NiTi & Electro-chemical polishing



SMG handle

Indicator of uses



For K/H files and reamers

www.fkg.ch

FKG
FKG DENTAIRE
Swiss Dental Products

