editorial
03 Have we gone too far with rating our health care providers?
Dr Gary Glassman (Guest Editor)

practice management
06 Rediscovering operative dentistry
Aws Alani

feature
10 “The immense variability of human tooth anatomy”
Interview with Dr Craig Barrington about his technique for capturing high-definition endodontic images

case report
16 Safe way through risky curves
Dr Rafaël Michiels

industry report
20 Laser-activated irrigation with PIPS
Dr Ralf Schlichting

technique
26 Use of operating microscopy, ultrasound and MTA in periapical microsurgery
Prof. Leandro A.P. Pereira

30 Zero apicectomy in endodontic microsurgery
Dr Randa Harik, Dr Grace Issa & Prof. Philippe Sleiman

industry news
38 XP-endo Shaper—3-D shaping
40 A commitment to German quality
43 Manufacturer news

meetings
46 ROOTS SUMMIT 2016
48 International Events

about the publisher
49 submission guidelines
50 imprint

Cover image courtesy of FKG Dentaire (www.fkg.ch)
How to make a great file even better?

Simple, but effective: The new RECIPROC® blue file generation combines the ease of the original RECIPROC® one file endo concept with enhanced safety in root canal preparation for patients. An innovative heat treatment makes RECIPROC® blue particularly flexible to ensure a smoother and safer progression in the canal and gives it in addition its characteristic blue color.

A great file. Even better.