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

 técnica

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?

Same cutting efficiency and simplicity of use

Increased flexibility and safety

RECIPROC® blue

Simple, but effective: The new RECIPROC® blue file generation combines the ease of the original RECIROC® one file endo concept with enhanced safety in root canal preparation for patients. An innovative heat treatment makes RECIROC® 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.

vdm-dental.com