editorial
03 Dear Reader
   Dr David E. Jaramillo (Guest Editor)

opinion
06 A future path for entrepreneurial dentists
   Dr Mitesh Badiani

research
10 Photodamage of dental pulpa stem cells during 700 fs laser exposure
   Prof. Dr Karsten König & Dr Anton Kasenbacher
14 Diode-laser assisted vital pulp therapy
   Dr Maziar Mir, Prof. Dr Norbert Gutknecht, Dr Masoud Mojahedi, Dr Jan Tunér & Dr Masoud Shabani
18 Laser-assisted direct pulp capping
   Pawel Roszkiewicz
22 Apexification treatment with MTA REPAIR HP
   Dr Fábio Duarte da Costa Aznar
24 Dentinal defects after root canal preparation
   Drs. Taha Özyürek, Mustafa Gündoğar, Gülşah Uslu & Koray Yılmaz

study

feature
32 Understanding sonic-powered irrigation
   An interview with Dr Vittorio Franco

practice management
36 Successful communication in your daily practice
   Part I: Grumbling patients
   Dr Anna Maria Yiannikos

industry report
34 Irrigating the root canal: A case report
   Dr Vittorio Franco
38 When an idea turns into innovation
   Marc Chalupsky

industry news
42 Manufacturer news

meetings
44 ESE Biennial Congress
46 ROOTS SUMMIT
48 International Events

about the publisher
49 submission guidelines
50 imprint

Cover image courtesy of Dentsply Sirona (www.dentsplysirona.com).