**editorial**

03 Golden standards and modern technology  
Prof. Philippe Sleiman (Guest Editor)

**feature**

06 “The field of tissue engineering has exploded during the last decade”  
An interview with Dr Ibrahim Abu Tahun

**trends & applications**

10 Lasers as an asset in both daily practice and marketing  
Dr Imneet Madan

**opinion**

14 Cleaning is key  
Aws Alani

**case report**

18 All roads lead south  
Dr Alfredo Iandolo

22 Management of a non-vital central incisor with an open apex  
Drs Mario Luis Zuolo & Arthur de Siqueira Zuolo

26 Blue light laser-assisted crown lengthening in restorative dentistry  
Dr Philipp Skora, Dr Dominik Kraus, PD Dr Jörg Meister & Prof. Matthias Frentzen

**study**

30 Thermal damage behaviour of human dental pulp stem cells  
Prof. Karsten König & Dr Anton Kasenbacher

**practice management**

38 Lighting in dental surgeries—frequently neglected requirements of the standard on illumination  
Antonín Fuksa

**industry news**

42 VDW: Endodontics with a system

**meetings**

44 Innovation fireworks—IDS 2017

48 International Events

**about the publisher**

49 submission guidelines
50 imprint