editorial
03 It is Christmas time
| Prof Dr Norbert Gutknecht

research
06 Salivary flow rate before and after low level laser therapy
| Sonja Pezelj-Ribarić, Nataša Gržetić, Miranda Muhvi Urek, Irina Glazăr, Davor Kuš
10 Effect of low level laser therapy during Rapid Maxillary Expansion
| Eyad Hamade, Rwaida Saimeh, Mina Mazandarani, Mazar Mr, Norbert Gutknecht

case report
14 Minimally invasive dentistry (MID) concepts for the caries treatment by Er:YAG laser
| R. Kornblit, U. Romeo, A. Polimeni
18 Diode laser (810 nm) applications in clinical Orthodontics
| Dr Deepak Rai, Dr Gurkeerat Singh

user report
24 Use of the Er,Cr:YSGG and Er:YAG lasers in restorative dentistry
| Prof Dr Giuseppe Iaria, Rolando Crippa, Giovanni Olivi, Matteo Iaria, Stefano Benedicenti
28 The use of lasers in periodontal treatment
| Howard Golan

32 Photosensitizers in dentistry
| Dr D. Kotaaswaran, Dr C. Pravda, Dr Ekta Ingle

meetings
34 A very successful 20th Annual Congress of the DGL in Berlin
| Dr Georg Bach, Leon Vanweersch
38 First year of AALZ Greece full of activities!
| Dimitris Strakas
40 “Light Time—Good Time”
| Giada Gonnelli
42 Revolutionary laser system was presented in Israel
| Georg Isbaner
44 International events 2011/2012

laser
46 “Lasers in Dentistry”
| Leon Vanweersch, Dominique Vanweersch

news
48 Manufacturer News

about the publisher
47 submission guidelines
50 imprint