editorial
03  Dear Laser users
I. Prof Dr Norbert Gutknecht

research
06  Surface analysis of Erbium: YAG laser etching v/s acid etched surface
I. Dr Roheet Khatavkar & Dr Vivek Hegde

overview
10  Laser phototherapy (LPT) in dentistry
I. Jan Túner

case report
16  Low-level laser therapy in the treatment of herpes labialis
I. Dr Igor Camavin
18  Laser-assisted frenectomy in pediatric dentistry
I. Dr Gabriele Schindler-Hultzsch

Technology-enhanced caries detection and treatment options
I. Michele Baff Diniz, Dr Jonas Almeida Rodrigues, Dr Adrian Lussi

26  Endodontic treatment of periapical chronic periodontitis
I. Prof Umberto Romeo, Dr Gaspare Palaia, Dr Roly Kornblit, Dr Gianluca Tanore, Dr Alessandro Dal Vecchio

user report
30  Using lasers to tackle periodontitis
I. Stefan Gottschalk

feature
34  From theory to the first working laser
I. Ingmar Ingenegeren

social news
36  Official Awarding Ceremony EMDOLA
I. Dajana Klöckner
38  Successful with a Master Degree

meetings
40  International events 2010/2011

laser
42  13th Laser-Beginners-Congress “LASER START UP” and 18th Annual Conference of DGL

Traducción
I. Dr Josep Arnabat, Dr Simeon Dragov Kutnjak

news
48  Manufacturer News

about the publisher
47  I submissions
50  I imprint

Cover image courtesy by: Biolase Technology Inc.