



| editorial

- 03 **Summertime** in Brussels is
WFLD-ED **laser time**
| Prof. Dr Norbert Gutknecht

| research

- 06 **Nd:YAG lasers** in **intraoral welding**
| Prof. Dr Carlo Fornaini
- 12 **Perfect soft tissue management** in the oral use
| Hans J. Koort
- 16 **Post-cure irradiation** of pit and fissure **sealant**
by **diode laser**—Part II
| Nermin M. Yussif *et al.*

| overview

- 22 **Diode lasers** for **periodontal treatment**
| Dr Fay Goldstep *et al.*

| industry report

- 26 **Photodynamic** therapy with the new **active**
ingredient **Perio Green**
| Dr Ralf Borchers
- 30 **Er:YAG laser etching** of **hypoplastic** enamel
| Prof. Dr Georgi Tomov *et al.*

- 34 **SEM** analysis of the **laser activation** of final **irrigants** for
smear layer removal
| Dr Vivek Hegde *et al.*

| education

- 40 **Master of Science** in Lasers in Dentistry

| meetings

- 44 **IDS 2013** sets new **records**
| Koelnmesse
- 47 **Why use laser if you can do without?**

| news

- 38 **Manufacturer** News
- 48 **News**

| about the publisher

- 50 | imprint



Cover image courtesy of Syneron,
www.synerondental.com
background image: ©Click Bestsellers
Design by Sarah Fuhrmann, OEMUS MEDIA AG.



SyneronTM
DENTAL LASERS



Education. Technology. Family.

Join the Syneron Dental Lasers Family

presenting

LITETOUCHTM

The unique fiber-free Er:YAG laser
that has changed the face of laser dentistry



L-PB77692EN

To learn more about our innovative technology solutions,
contact: dental@syneron.com, www.synerondental.com

