





#### Publisher

Torsten R. Oemus oemus@oemus-media.de

#### CEO

Ingolf Döbbecke doebbecke@oemus-media.de

#### Members of the Board

Jürgen Isbaner isbaner@oemus-media.de

Lutz V. Hiller hiller@oemus-media.de

#### Chief Editorial Manager

Norbert Gutknecht ngutknecht@ukaachen.de

#### Co-Editors-in-Chief

Samir Nammour Jean Paul Rocca

#### Managing Editors

Georg Bach Leon Vanweersch

#### **Division Editors**

Matthias Frenzen European Division

George Romanos

North America Division

Carlos de Paula Eduardo
South America Division

Toni Zeinoun

Middle East & Africa Division

Loh Hong Sai Asia & Pacific Division

#### Senior Editors

Aldo Brugneira Junior Yoshimitsu Abiko Lynn Powell John Featherstone Adam Stabholz Jan Tuner Anton Sculean

#### **Editorial Board**

Marcia Martins Marques, Leonardo Silberman, Emina Ibrahimi, Igor Cernavin, Daniel Heysselaer, Roeland de Moor, Julia Kamenova, T. Dostalova, Christliebe Pasini, Peter Steen Hansen, Aisha Sultan, Ahmed A Hassan, Marita Luomanen, Patrick Maher, Marie France Bertrand, Frederic Gaultier, Antonis Kallis, Dimitris Strakas, Kenneth Luk, Mukul Jain, Reza Fekrazad, Sharonit Sahar-Helft, Lajos Gaspar, Paolo Vescovi, Marina Vitale, Carlo Fornaini, Kenji Yoshida, Hideaki Suda, Ki-Suk Kim, Liang Ling Seow, Shaymant Singh Makhan, Enrique Trevino, Ahmed Kabir, Blanca de Grande, José Correia de Campos, Carmen Todea, Saleh Ghabban Stephen Hsu, Antoni Espana Tost, Josep Arnabat, Ahmed Abdullah, Boris Gaspirc, Peter Fahlstedt, Claes Larsson, Michel Vock, Hsin-Cheng Liu, Sajee Sattayut, Ferda Tasar, Sevil Gurgan, Cem Sener, Christopher Mercer, Valentin Preve, Ali Obeidi, Anna-Maria Yannikou, Suchetan Pradhan, Ryan Seto, Joyce Fong, Ingmar Ingenegeren, Peter Kleemann, Iris Brader, Masoud Mojahedi, Gerd Volland, Gabriele Schindler, Ralf Borchers, Stefan Grümer, Joachim Schiffer, Detlef Klotz, Herbert Deppe, Friedrich Lampert, Jörg Meister, Rene Franzen, Andreas Braun, Sabine Sennhenn-Kirchner, Siegfried Jänicke, Olaf Oberhofer, Thorsten Kleinert

#### **Editorial Office**

Georg Isbaner *g.isbaner@oemus-media.de* 

Claudia Jahn c.jahn@oemus-media.de

#### **Executive Producer**

Gernot Meyer meyer@oemus-media.de

#### Designer

Sarah Fuhrmann s.fuhrmann@oemus-media.de

#### **Customer Service**

Marius Mezger m.mezger@oemus-media.de

#### Published by

OEMUS MEDIA AG
Holbeinstraße 29
04229 Leipzig, Germany
Tel.: +49 341 48474-0
Fax: +49 341 48474-290
kontakt@oemus-media.de

#### Printed by

Messedruck Leipzig GmbH An der Hebemärchte 6 04316 Leipzig, Germany

#### laser

**international magazine of** laser dentistry is published in cooperation with the World Federation for Laser Dentistry (WFLD).

#### Copyright Regulations

\_laser international magazine of laser dentistry is published by Oemus Media AG and will appear in 2012 with one issue every quarter. The magazine and all articles and illustrations therein are protected by copyright. Any utilization without the prior consent of editor and publisher is inadmissible and liable to prosecution. This applies in particular to duplicate copies, translations, microfilms, and storage and processing in electronic systems.

Reproductions, including extracts, may only be made with the permission of the publisher. Given no statement to the contrary, any submissions to the editorial department are understood to be in agreement with a full or partial publishing of said submission. The editorial department reserves the right to check all submitted articles for formal errors and factual authority, and to make amendments if necessary. No responsibility shall be taken for unsolicited books and manuscripts. Articles bearing symbols other than that of the editorial department, or which are distinguished by the name of the author, represent the opinion of the afore-mentioned, and do not have to comply with the views of Oemus Media AG. Responsibility for such articles shall be borne by the author. Responsibility for advertisements and other specially labeled items shall not be borne by the editorial department. Likewise, no responsibility shall be assumed for information published about associations, companies and commercial markets. All cases of consequential liability arising from inaccurate or faulty representation are excluded. General terms and conditions apply, legal venue is Leipzig, Germany.

# laser

international magazine of laser dentistry





### Subscribe now!

I would like to subscribe to laser international magazine of laser dentistry (4 issues per year) for € 44 including shipping and VAT for German customers, € 46 including shipping and VAT for customers outside Germany, unless a written cancellation is sent within 14 days of the receipt of the trial subscription. The subscription will be renewed automatically every year until a written cancellation is sent to OEMUS MEDIA AG, Holbeinstr. 29, 04229 Leipzig, Germany, six weeks prior to the renewal date.

Reply via Fax +49 341 48474-290 to OEMUS MEDIA AG or per E-mail to grasse@oemus-media.de

You can also subscribe via www.oemus.com/abo

Last Name, First Name	
Company	
Street	
ZIP/City/County	
E-mail	Signature

Notice of revocation: I am able to revoke the subscription within 14 days after my order by sending a written cancellation to OEMUS MEDIA AG, Holbeinstr. 29, 04229 Leipzig, Germany.

Signature





After endodontic laser treatment there is no smear layer around the opening of the lateral canal.

## The universe at your fingertips.

# LightWalker®

### Introducing the highest technology dental laser system

#### Supreme clinical results in:

- TwinLight<sup>™</sup> Perio Treatments (TPT)
- TwinLight<sup>™</sup> Endo Treatments (TET)
- Effective oral implant surgery
- Gentle TouchWhite<sup>™</sup> bleaching
- Patient-friendly conservative dentistry

#### Unmatched simplicity of use:

- Pre-sets for over 40 applications
- Intuitive user navigation
- Balanced and weightless OPTOflex arm
- Nd:YAG handpiece detection system
- Er:YAG scanner ready

Journey into a new dental experience with speed, precision and great results. Visit www.lightwalkerlaser.com today!





