TOOTS international magazine of endodontology

PublisherTorsten 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

Managing Editor Magda Wojtkiewicz

m.wojtkiewicz@oemus-media.de

Executive Producer

Gernot Meyer meyer@oemus-media.de

Designer

Josephine Ritter j.ritter@oemus-media.de

Copy Editors

Sabrina Raaff Hans Motschmann Published by

Oemus Media AG Holbeinstraße 29 04229 Leipzig, Germany Tel.: +49 341 48474-0 Fax: +49 341 48474-290 kontakt@oemus-media.de www.oemus.com

Printed by

Löhnert Druck Handelsstraße 12 04420 Markranstädt, Germany

Editorial Board

Fernando Goldberg, Argentina Markus Haapasalo, Canada Ken Serota, Canada Clemens Bargholz, Germany Michael Baumann, Germany Benjamin Briseno, Germany Asgeir Sigurdsson, Iceland Adam Stabholz, Israel Heike Steffen, Germany Gary Cheung, Hong Kong Unni Endal, Norway Roman Borczyk, Poland Bartosz Cerkaski, Poland Esteban Brau, Spain José Pumarola, Spain Kishor Gulabivala, United Kingdom

William P. Saunders, United Kingdom Fred Barnett, USA

L. Stephan Buchanan, USA Jo Dovgan, USA

Vladimir Gorokhovsky, USA James Gutmann, USA Ben Johnson, USA Kenneth Koch, USA Sergio Kuttler, USA John Nusstein, USA Ove Peters, USA

Jorge Vera, Mexico

ठक्<u>ताग</u>ड



Magda Wojtkiewicz, Managing Editor

Copyright Regulations

_roots international magazine of endodontology 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 utilisation 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.

roots

international magazine of endodontology



international magazine of ENGOGONTOLOGY The antibacterial effects of lasers in endodontics oility of four irrigating solutions to remove อลุฑบร debris after root-canal instrumentation Ability of four irrigating solutions to remove debris after root-canal instrumentation

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



Subscribe now!

- ı would like to subscribe to roots 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 to +49 341 48474-290 to OEMUS MEDIA AG or via E-mail to grasse@oemus-media.de

Last Name, First Name	
Company	
Street	
ZIP/City/Country	
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

ozmus)



Cordless with an extra-small head



An extra-small head. No cord. And full power. The Entran cordless handpiece provides complete freedom of movement and, thanks to its extra-small head, also gives optimum access to the treatment site. The torque-controlled automatic direction change and the five torque levels set new safety standards in cordless endodontics.

