



European Journal of Oral Implantology

Editors

Marco Esposito, Arcore, *Italy* (Editor-in-Chief)
Reinhilde Jacobs, Leuven, *Belgium*
Michele Nieri, Florence, *Italy*

Editorial Board

Carlos Aparicio, *Spain*
Karl Bishop, *UK*
Ian Brook, *UK*
Jason Buglass, *UK*
Gioacchino Cannizzaro, *Italy*
Vittorio Checchi, *Italy*
Matteo Chiapasco, *Italy*
Noel Claffey, *Ireland*
StJohn Crean, *UK*
Rubén Davó, *Spain*
Nikolaos Donos, *UK*
Pietro Felice, *Italy*
Anne-Marie Glenny, *UK*
Ronnie Goené, *The Netherlands*
Klaus Gotfredsen, *Denmark*
Stefano Gracis, *Italy*
Tommaso Grandi, *Italy*
Kerstin Grondahl, *Sweden*
Ueli Grunder, *Switzerland*
M Gabriella Grusovin, *Italy*
Dominic Hassall, *UK*
Federico Hernández-Alfaro, *Spain*
Søren Hillerup, *Denmark*
Flemming Isidor, *Denmark*
Reinhilde Jacobs, *Belgium*

Torsten Jemt, *Sweden*
Søren Jepsen, *Germany*
Ronald Jung, *Switzerland*
Matthias Kern, *Germany*
Fouad Khoury, *Germany*
Ye Lin, *China*
Hassan Maghaireh, *UK*
Chantal Malevez, *Belgium*
Paulo Maló, *Portugal*
Mauro Merli, *Italy*
Ken Nicholson, *UK*
Alan Payne, *New Zealand*
Roberto Pistilli, *Italy*
Bjarni E Pjetursson, *Iceland*
Stefan Renvert, *Sweden*
Mariano Sanz, *Spain*
Paul Stone, *UK*
Hendrik Terheyden, *Germany*
Tiziano Testori, *Italy*
Georg Watzek, *Austria*
Dieter Weingart, *Germany*
Helen V Worthington, *UK*
Giovanni Zucchelli, *Italy*
Otto Zuhr, *Germany*

Official publication of the British Society of Oral Implantology (BSOI), the Italian Society of Oral Surgery and Implantology (SICOI), the Danish Society for Oral Implantology (DSOI), the German Association of Oral Implantology (DGI), the Spanish Society of Implantology (SEI), British Academy of Implant & Restorative Dentistry (BAIRD), and the Advanced Dental Implant Research & Education Center (AIC)

The *European Journal of Oral Implantology* is published quarterly by Quintessence Publishing Co. Ltd, Quintessence House, Grafton Road, New Malden, Surrey KT3 3AB, UK. Court domicile and place of performance: London, England. The *European Journal of Oral Implantology* is listed in MEDLINE, Science Citation Index Expanded and Journal Citation Reports/Science Edition.

Copyright © 2017 by Quintessence Publishing Co. Ltd. All rights reserved.

No part of this journal may be reproduced in any material form (including photocopying or storing it in any medium by electronic means and whether transiently or incidentally to some other use of this journal), without the written permission of the publisher except in accordance with the provisions of the Copyright, Designs and Patents Act 1988 or under the terms of a licence issued by The Copyright Licensing Agency Ltd, Saffron House, 6-10 Kirby Street, London EC1N 8TS, UK. Application for the copyright owner's written permission to reproduce any part of this journal should be

addressed to the publisher. The publisher assumes no responsibility for unsolicited manuscripts. All opinions are those of the authors.

Advertising Policy: All advertising appearing in the *European Journal of Oral Implantology* must be approved by the Editors/ Editorial Board. The publication of an advert is not to be construed as an endorsement of approval by the journal or its publisher.

Permission to photocopy items solely for internal or personal use and for the internal and personal use of specific clients is granted by Quintessence Publishing Co. Ltd.

Publisher: Dr. h. c. H.-W. Haase
Publishing Director: Johannes W. Wolters
Editorial Coordinator: Natalie Ward
Subscription Managers:
Angela Köthe: Germany, Austria, Switzerland
Andrew Johnson: All other countries
Advertising: Sue Newbury and Sabina Beganovic
Layout/Production: Ina Steinbrück
Printed in Germany

Subscription information

Contact your nearest Quintessence office:

Quintessence Publishing Co. Ltd,
Quintessence House, Grafton Road,
New Malden, Surrey KT3 3AB, UK.
Tel: +44 (0)20 8949 6087
Fax: +44 (0)20 8336 1484
Email: info@quintpub.co.uk
www.quintpub.co.uk

Quintessenz Verlags-GmbH
Ifenpfad 2-4, D-12107 Berlin,
Germany
Tel: +49-30-761 80-5
Fax: +49-30-761 80-68-0
Email: info@quintessenz.de
www.quintessenz.de

Quintessence Publishing Co. Inc
4350 Chandler Drive,
Hanover Park, Illinois 60133, USA
Tel: (630) 736-3600
Fax: (630) 736-3633
Email: service@quintbook.com
www.quintpub.com

Subscription rates (includes online version,
<http://ejoi.quintessenz.de>)

Europe:	Surface mail	Air mail
Individual	€148 / £126	£146
Institutional	€320 / £272	£292
Student*	€78 / £66	£86
Single issue	€38 / £32	£37

North America and rest of world:
Individual \$170; Institutional \$305;
Student* \$90

*Student verification must accompany order.

Subscriptions may begin at any time. Please allow 6 weeks for any change of address notification to be processed. Claims for missing journals will be serviced only within 6 months of publication date. Otherwise, single copy price will be charged on missing issues.

Postmaster: Send address changes to Quintessence Publishing Co. Ltd, Quintessence House, Grafton Road, New Malden, Surrey KT3 3AB, UK, or Quintessenz Verlags-GmbH, Ifenpfad 2-4, D-12107, Berlin, Germany

Manuscript submission information: Go to www.manuscriptmanager.com/ejoi to submit online. For more information, see the Guidelines for Authors page in this issue.

Impact factor 2015 2.328
ISSN 1756-2406 (Print)
ISSN 1756-2414 (Online)