

Ultraschall in der Medizin – European Journal of Ultrasound

Volume 47

Ultraschall in der Medizin – European Journal of Ultrasound is published in 6 issues per year.

ISSN (Print): 0172-4614

eISSN: 1438-8782

Editors

PD Dr. med. Tilo Burkhardt, Praxis Stahel & Burkhardt, Center for Prenatal Diagnostics, Stauffacherstrasse 96, 8004 Zurich, Switzerland

Prof. Hannes Gruber, Department of Sonography, Conventional Diagnostics/Surgery, University Hospital of Radiology, Innsbruck Medical University, Anichstraße 35, 6020 Innsbruck, Austria

Prof. Dr. Markus Hoopmann, Department of Obstetrics and Gynaecology, University of Tübingen, Calwer Str. 7, 72076 Tübingen, Germany

Prof. Philipp Klaritsch, Department of Obstetrics and Gynecology, University Women's Hospital Graz Auenbruggerplatz 14, 8036 Graz, Austria

Prof. Adrian Lim, Imaging, Charing Cross Hospital, Fulham Palace Road, London, W6 8RF, United Kingdom of Great Britain and Northern Ireland

Prof. Fabio Piscaglia, Div. Internal Medicine, Dept of Medical and Surgical Sciences DIMC, University of Bologna, via Albertoni 15, 40138 Bologna, Italy

Prof. Alina Popescu, Department of Gastroenterology and Hepatology, "Victor Babeș" University of Medicine and Pharmacy, Str. Barbu Iscovescu 8, 300561 Timișoara, Romania

Prof. Dr. Deike Strobel, University of Erlangen, Internal Medicine I, Ulmenweg 18, 91058 Erlangen, Germany

Prof. Dr. Uwe Walter, Universitätsmedizin Rostock – Klinik und Poliklinik für Neurologie, Gehlsheimer Str. 20, 18147 Rostock, Deutschland

Publishers

Georg Thieme Verlag KG,
Oswald-Hesse-Straße 50, 70469 Stuttgart
P.O. Box 30 11 20, 70451 Stuttgart

phone +49 711 8931-0, fax +49 711 8931-298

www.ultraschall.thieme.de

Web-App: www.thieme.de/eref-app

kundenservice.thieme.de/en/product-safety.htm

Editorial staff at the Georg Thieme Verlag is available

via: eu.impressum@thieme.de

V.i.S.d.P.: Martin Spencker, Oswald-Hesse-Straße 50, 70469 Stuttgart

Umsatzsteuer-ID

DE147638607

Handelsregister

Sitz und Handelsregister Stuttgart, Amtsgericht Stuttgart HRA 3499, Verkehrsnummer 16427

Advertising

Thieme Media

Pharmmedia Anzeigen- und Verlagsservice GmbH

Linda-Maria Diodati

phone +49 711 8931-136

e-mail: linda.diodati@thieme-media.de

Production management and Editorial Office

Alexandra Heise, phone +49 711 8931-614

e-mail: alexandra.heise@thieme.de

Annual subscription rates

Link to the current journal prices:

<https://thieme.com/journalprices>



Subscription information

Subscribers are asked to inform the publisher immediately in case of address changes in order to ensure correct delivery of the journal.

phone +49 711 8931-321, fax: +49 711 8931-422

<https://kundenservice.thieme.de>

The scientific text of this journal is available online through Thieme-connect, <http://www.thieme-connect.de>. Access to Thieme-connect is free of charge for personal subscribers. For information concerning licenses and prices for institutional access, please contact Carmen Krenz, e-mail: esales@thieme.de

Customers from North, Central and South America and Canada please contact Alexandra Williams, e-mail: awilliams@thieme.com

All subscription orders are entered for the calendar year. The rate of subscription is invoiced in advance at the end of the year for the following year and becomes due for payment for the full calendar year. Subscriptions can be started anytime. Subscriptions are automatically extended each year unless notice of cancellation is received from the subscriber prior to September 30 of each year (applies to Germany, Switzerland, Austria only).

Subscription for Europe and countries outside the American continent

Order from: Georg Thieme Verlag KG, Oswald-Hesse-Straße 50, 70469 Stuttgart, Germany; P.O. Box 30 11 20, 70451 Stuttgart, Germany; phone +49-711-8931-421; fax +49-711-8931-410; e-mail: customerservice@thieme.de

Subscription for the American Continent

Order from: Thieme New York, 333 Seventh Avenue, New York, NY 10001, USA. Order toll free +1-800-782-3488 (US only) or +1-212-760-0888, fax +1-212-947-0108; e-mail: customerservice@thieme.com.

For information on personal rate subscriptions or special society agreements, please contact Fiona Henderson, Thieme International, phone +49-711-8931-458, fax +49-711-8931-410, e-mail: fiona.henderson@thieme.de

For users in the USA

Authorization of photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by Georg Thieme Verlag Stuttgart. New York for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service; www.copyright.com. For reprint information in the USA, please contact: journals@thieme.com

Product names

Product names which are registered trademarks may not have been specifically designated as such in every case. In case where a product has been referred to by its registered trademark it cannot be concluded that the name used is in the public domain. The same applies to labels, names or other signs.

Manuscripts

Manuscript submission exclusively via:

<http://mc.manuscriptcentral.com/eju>

For details regarding manuscript submission please refer to <http://ultraschall.thieme.de>.

In principle only papers will be accepted which have not been published previously, domestically or abroad. Furthermore, manuscripts may not be offered to other publications at the same time as they are under consideration for this journal.

The corresponding author will receive a PDF-file for private use.

Authors may choose to allow, for a fee, free general access to their papers online. For details, please contact eu.impressum@thieme.de

Illustrations

Unfortunately, we cannot accept images already published in books, journals, or electronic products of other publishers. The reason: It is almost impossible to obtain the necessary rights of use even with payment of licensing fees.

Therefore, please do not pay any licensing fees (e.g. to "RightsLink"/Copyright Clearance Center). Standard license contracts from "Creative Commons" are unfortunately also insufficient for our purposes. Contact us with any questions regarding the use of images.

Important note

Medicine is an ever-changing science undergoing continual development. Research and clinical experience are continually expanding our knowledge, in particular our knowledge of appropriate treatment and drug therapy. Insofar as this journal mentions any dosage or application, readers may rest assured that the authors, editors and publishers have made reasonable effort to ensure that such references are in accordance with the state of knowledge at the time of production of the journal.

Nevertheless this does not involve, imply, or express any guarantee or responsibility on the part of the publishers in respect of any dosage instructions and forms of application stated in the journal. Every user is requested to examine carefully the manufacturers' leaflets accompanying each drug and to check, if necessary in consultation with a physician or specialist, whether the dosage schedules mentioned therein or the contraindications stated by the manufacturers differ from the statements made in the present journal. Such examination is particularly important with drugs that are either rarely used or have been newly released on the market. Every dosage schedule or every form of application used is entirely at the user's own risk and responsibility. The authors and publishers request every user to report to the publishers any discrepancies or inaccuracies noticed.

Copyright & Ownership

Unless otherwise stated: © 2026. Thieme.

All rights reserved. The journal *Ultraschall in der Medizin* is owned by Thieme.

Georg Thieme Verlag KG,

Oswald-Hesse-Straße 50, 70469 Stuttgart, Germany

This journal, including all individual contributions and illustrations published therein, is legally protected by copyright for the duration of the copyright period. Any use, exploitation or commercialization outside the narrow limits set by copyright legislation, without the publisher's consent, is illegal and liable to criminal prosecution. This applies in particular to photocopy reproduction, copyright, cyclostyle, mimeographing or duplication of any kind, translating, preparation of microfilms, and electronic data processing and storage (CD-Rom, DVD, USB memory stick, databases, cloud-based service, ebook and other forms of electronic publishing) as well as making it available to the public (e.g., internet, intranet or other wired or wireless data networks), in particular by displaying on stationary or mobile visual display units, monitors, smart phones, tablets or other devices by download (e.g., e-pub, PDF, App) or retrieval in any other form.

Data protection

Where required by data protection laws, personal names and other data are edited and either removed or pseudonymized (alias names). This is always the case with patients, their relatives and friends, partly also with other persons, e.g. those involved in the treatment of patients.

Appreciative and gender-inclusive language

Thieme rejects any use of language which discriminates against people based on their origin, ethnicity, gender, religion, social affiliation, disability or sexual preference. Thieme addresses people of all gender identities equally. We encourage our authors to use gender-neutral or gender-equal expressions wherever the context allows.

Printed in Germany

Typesetting: Reemers Publishing Services GmbH, Krefeld
Printer: AZ Druck und Datentechnik, Kempten

