

Editors and Editorial Board

Herausgeber/Editors

M. Bachmann Nielsen, Kopenhagen
K. Jäger, Basel
E. Merz, Frankfurt am Main
G. Mostbeck, Wien
K. Seitz, Sigmaringen

1980 gegründet von Founded in 1980 by

H. R. Müller, Basel †
E. Reinold, Wien
G. Rettenmaier, Böblingen

Beirat/Editorial Board

Th. Albrecht, Berlin
Ch. Arning, Hamburg
R. Badea, Cluj-Napoca
I. Baumgartner, Bern
J. Bates, London
G. Bernaschek, Wien
H.-G. Blaas, Trondheim
G. Bodner, Gibraltar
R. Bollmann, Berlin
L. Braun, Bedano
B. Brkljacic, Zagreb
A. Brichta, Wien
A. Bunk, Dresden
R. Chaoui, Berlin
K. H. Deeg, Bamberg
F. Degenhardt, Bielefeld
S. Delorme, Heidelberg
J. Deutinger, Wien
F. M. Drudi, Rom

M. Essig, Zweisimmen
D. H. Evans, Leicester
M. Gebel, Hannover
U. Gembruch, Bonn
O. H. Gilja, Bergen
R. Graf, Stolzalpe
N. Gritzmann, Salzburg
B. J. Hackelöer, Hamburg
H. Heynemann, Halle
S. Karstrup, Roskilde
H. Kathrein, Schwaz
G. D. Kneissl, Leipzig
D. Koischwitz, Siegburg
Ch. Kollmann, Wien
H. Lutz, Bayreuth
W. Mann, Mainz
G. Mathis, Hohenems
H. Merk, Greifswald
J.-Y. Meuwly, Lausanne

This journal is indexed in MEDLINE, Current Contents (CM), Science Citation Index and in EMBASE/Excerpta Medical Abstract Journals

Impact Factor: 2.398

www.thieme-connect.de
www.thieme.de/ultraschall

manuscript submission at
<http://mc.manuscriptcentral.com/eju>

Ch. Meyenberger, St. Gallen
P. A. Mircea, Cluj Napoca
Ch. Nolsøe, Kopenhagen
D. Nürnberg, Neuruppin
F. Piscaglia, Bologna
L. von Rohden, Magdeburg
E. Rosenfeld, Merseburg
H.-D. Rott, Erlangen
J. Simanowski, Hannover
I. Sporea, Timisoara
H. Stiegler, München
D. Strobel, Erlangen
H. Strunk, Bonn
S. Tercanli, Basel
H. Weiss, Ludwigshafen
W. Wermke, Berlin
B. Widder, Günzburg
M. Woydt, Würzburg
P. S. Zoumpoulis, Kifissia
H.-J. Zweifel, Buchs

Imprint

Ultraschall in der Medizin/European Journal of Ultrasound (Ultraschall in Med)

Eigentümer & Copyright
© Georg Thieme Verlag KG 2012

Editors-in-Chief

Prof. Dr. M. Bachmann Nielsen, Department of Radiology, Section of Ultrasound, Rigshospitalet, Blegdamsvej 9, DK-2100 Copenhagen, Denmark
Prof. Dr. K. Jäger, Chefarzt Angiologie, Universitäts-spital Basel, Petersgraben 4, 4031 Basel, Switzerland

Prof. Dr. E. Merz, Krankenhaus Nordwest, Frauenklinik, Steinbacher Hohl 2–26, 60488 Frankfurt am Main, Germany

Prof. Dr. G. Mostbeck, Institut für diagnostische und interventionelle Radiologie, Wilhelminenspital und Röntgeninstitut Otto Wagner Spital, Wien, Montleartstr. 37, A-1160 Wien, Austria
PD Dr. K. Seitz, Kreiskrankenhaus Sigmaringen, Innere Abteilung, 72481 Sigmaringen, Germany

Publishers

Georg Thieme Verlag KG
Rüdigerstraße 14, 70469 Stuttgart
P.O. Box 30 11 20, 70451 Stuttgart
phone +49-711-8931-0
fax +49-711-8931-298
www.thieme.com
<http://www.ultraschall.thieme.de>
<http://www.thieme-connect.de/ejournals>

Copyright

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, cyclostyling, mimeographing or duplication of any kind, translating, preparation of microfilms, and electronic data processing and storage.

Advertising responsibility

Thieme.media
Pharmedia Anzeigen- und Verlagsservice GmbH
Irmgard Mayer
Rüdigerstraße 14, 70469 Stuttgart and
P.O. Box 30 08 80, 70448 Stuttgart
phone +49-711-8931-469
fax +49-711-8931-569
e-mail: Irmgard.Mayer@pharmedia.de

Printed in Germany

AZ Druck und Datentechnik, Kempten

Typesetting

Reemers Publishing Services GmbH, Krefeld

Production manager

phone +49-711-8931-277
fax +49-711-8931-355
e-mail: Angelika.Hoebrink@thieme.de

Subscription information

phone +49-711-8931-321
fax +49-711-8931-422
e-mail: aboservice@thieme.de

General information

Ultraschall in der Medizin/European Journal of Ultrasound, ISSN 0172-4614, is published in 6 issues per year. Subscribers are asked to inform the publisher immediately in case of address changes in order to ensure correct delivery of the journal. 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, Rüdigerstr. 14, 70469 Stuttgart, Germany; P.O. Box 30 11 20, 70451 Stuttgart, Germany; phone +49-711-8931-421; fax +49-711-8931-410; e-mail: custserv@thieme.de.
Subscription rates for 2008 are listed below.

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.

Subscription rates for 2008 are listed below. Airfreight and mailing in the USA by Publications Expediting Inc., 200 Meacham Ave., Elmont, NY 11003. Periodicals postage paid at Jamaica NY 11431. Postmaster: Send address changes to Ultraschall in der Medizin/European Journal of Ultrasound Publications Expediting Inc., 200 Meacham Ave., Elmont, NY 11003.

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 US, please contact: International Reprint Corporation, 287 East "H" St., Benicia, CA 94510, USA; phone: +1-707-746-8740, fax +1-707-746-1643; e-mail: irc@intreprints.com

Product names

Product names which are registered trademarks may not have been specifically designated as such in every case. In case that 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 "Instruction for Authors". In princi-

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 proper 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 users own risk and responsibility. The authors and publishers request every user to report to the publishers any discrepancies or inaccuracies noticed.

ple 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.

With the acceptance of the manuscript for publication the authors transfer the exclusive, spatial and temporally unrestricted right to the publishing house for all editions/updates for the duration of the legal period of protection (§64 UrHG) for also excerpt-wise utilization in printed form as well as into electronic media (data bases, online reticulated systems, Internet, CD-ROM, DVD, PDA etc.) also in changed form or in form of an excerpt-wise linkage with other works including the translation into other languages as well as by transmission of rights to use to third.

As far as illustrations are taken out of other publications, the author grants only the not exclusive right to use to the extent of the managing paragraph to the publishing house. The author is responsible for the complete indication of source as well as the obtaining of the written consent of the other publishing house to the managing evacuations of right and proves these to the publishing house.

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

Online

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: sales@thieme-connect.de

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

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

| Subscription rates 2012* | Germany | Total | Europe | Total | Global | Total |
|---------------------------------|---------|----------|--------|----------|--------|----------|
| Postage & Handling | 21,40 | | 31,80 | | 38,60 | |
| Personal Subscription Rate | 340,00 | 361,40 | 340,00 | 371,80 | 340,00 | 378,60 |
| Institutional Subscription Rate | 576,00 | (614,40) | 576,00 | (624,80) | 576,00 | (631,60) |

Members of the following societies will receive this journal within their membership: German Society of Ultrasound in Medicine and Biology; Austrian Society of Ultrasound in Medicine and Biology; Swiss Ultrasound Society in Medicine and Biology; Danish Society of Diagnostic Ultrasound; Norwegian Society of Diagnostic Ultrasound in Medicine; Flemish Society of Ultrasound; Latvian Society of Ultrasound; Croatian Society of Ultrasound in Medicine and Biology; Slovene Society for Ultrasonics; Romanian Society of Ultrasonography in Medicine and Biology; Hellenic Society for Ultrasound in Medicine and Biology

Single issue: 68,00 Euro

* Prices include 7% VAT; Euro is equivalent to Euro (D).

© Georg Thieme Verlag KG
Stuttgart · New York 2012

| | | | |
|----------|-----------------|---------|-----------|
| Heft 1 | (February 2012) | = Seite | 1 – 89 |
| Heft 2 | (April 2012) | = Seite | 113 – 186 |
| Heft 3 | (June 2012) | = Seite | 211 – 294 |
| Heft 4 | (August 2012) | = Seite | 313 – 388 |
| Heft 5 | (October 2012) | = Seite | 407 – 496 |
| Heft 6 | (December 2012) | = Seite | 517 – 599 |
| Heft 7 | (December 2012) | = Seite | 364 – 365 |
| | | | E1 – E373 |
| Heft S 1 | (July 2012) | = Seite | S1 – S66 |

Case Report

- E366 Chopra, S. S., R. Eisele, O. Guckelberger, M. Mogl, C. Grieser, P. Neuhaus, T. Denecke
Stellenwert der Duplex-Sonografie in der Diagnose und Therapiekontrolle des Lienalis-Steal-Syndroms nach Lebertransplantation
- 85 Colmorn, L. B., T. Jensen, B. L. Petersen, M. Helvind, F. S. Jørgensen
Prenatal Ultrasound Diagnosis of a Multiple Atypical Right Atrial Cardiac Fibroma
- 185 Deuschle, P., M. Michel, F. Lenz, L. Wessel
Erstbeschreibung einer pränatal diagnostizierten Nuck-Zyste
- 493 Enzensberger, C., K. Eskef, A. Schwarze, D. Faas, R. Axt-Fliedner
Course and Outcome of Pregnancy After Maternal Exposure to Angiotensin-II-Receptor Blockers – Case Report and Review of the Literature
- E361 Fette, A., J. Mayr
Slipped Distal Humerus Epiphysis in Tiny Infants Easily Detected and Followed-Up by Ultrasound
- E372 Holschbach, V., C. R. Lattrich, O. Ortmann, A. M. Müller, U. Germer
Upper Abdominal Cysts in First Trimester Fetuses
- E369 Hoxha, A., E. Merz
Maternal Sjögren Syndrome and Isolated Complete Fetal AV Block: Prenatal Diagnosis and Therapy
- 364 Ilivitzki, A., R. Shaoul, A. Engel
The Unique Sonographic Appearance of a Gastric Mucosal Lining Duplication Cyst
- 183 Koch, A. M.
Abgang der rechten Koronararterie aus dem linken Sinus Valsalva mit interarteriellem Verlauf bei einem asymptomatischen Neugeborenen
- E350 Miric Tesanic, D., A. Tikvica Luetic, D. Habek, M. Stanojevic, J. Grujic Koracin
Prenatal Diagnosis of Ambient Cistern Cyst
- E359 Pompili, M., L. Riccardi, M. Garcovich, L. Sollazzi, A. Seccia, G. Rapaccini
Severe Skin Burn at Needle Entry Point Complicating Radiofrequency Ablation for Hepatocellular Carcinoma
- 597 Solivetti, F. M., F. Elia, F. Musicco, A. C. Bonagura, N. Di Leo, J. Iera, Francesco Drudi
Anaphylactic Shock Induced by Sulphur Hexafluoride in an Individual with no History of Heart Disease: Case Report and Literature review
- E352 Song, I.-H., U. Rediner, K.-G. Hermann, G. R. Burmester, M. Backhaus
Contrast-Enhanced Ultrasound for the Monitoring of the Efficacy of Intra-Articular Glucocorticosteroids in 2 Patients with Inflammatory Knee Joint Synovitis
- E355 Tombesi, P., F. Di Vece, E. Salviato, R. Galeotti, S. Sartori
Spontaneous Active Bleeding in Thoracoacromial Artery Diagnoses by Contrast-Enhanced Ultrasound – a Case Report

- E357 Viacoz, A., H. Müller, F. Perren
Asymptomatic External Carotid Artery Thrombosis in Acute Stroke

Congress Report

- 386 Seitz, K.
Zur wissenschaftlichen Repräsentanz der mittelgroßen Sektionen und Arbeitskreise der DEGUM am Dreihunderttreffen 2010 in Mainz

Consensus Paper

- 344 Dietrich, C. F., M. A. Averkiou, J.-M. Correias, N. Lassau, E. Leen, F. Piscaglia
An EFSUMB Introduction into Dynamic Contrast-Enhanced Ultrasound (DCE-US) for Quantification of Tumour Perfusion
- 175 Merz, E., J. Abramovicz, K. Baba, H.-G. K. Blaas, J. Deng, L. Gindes, W. Lee, L. Platt, D. Pretorius, R. Schild, P. Sladkevicius, I. Timor-Tritsch
3D imaging of the fetal face – Recommendations from the International 3D Focus Group
- 593 Merz, E., K.-H. Eichhorn, C. von Kaisenberg, T. Schramm
Aktualisierte Qualitätsanforderungen an die weiterführende differenzierte Ultraschalluntersuchung in der pränatalen Diagnostik (= DEGUM-Stufe II) im Zeitraum von 18+0 bis 21+6 Schwangerschaftswochen

Continuing Education

- 8 Berzigotti, A., F. Piscaglia
Ultraschall bei Pfortaderhochdruck – Teil 2 – und EFSUMB-Empfehlungen zur Durchführung und Dokumentation von Ultraschalluntersuchungen bei Pfortaderhochdruck
- 416 Drudi, F. M., M. Valentino, N. Di Leo, F. Malpassini, V. Cantisani, M. Gnecci, F. Iori
Farb-/Powerdoppler-US und US-Kontrastmittel bei akutem Skrotum – Teil 1
- 520 Hagendorff, A., S. Stoebe, A. Tarr, D. Pfeiffer
Die konventionelle Standarduntersuchung in der transthorakalen Echokardiografie bei Patienten mit degenerativer Aortenklappenstenose
- 218 Harrer, J. U., J. Eyding, M. Ritter, U. Schminke, G. Schulte-Altdorneburg, M. Köhrmann, M. Nedelmann, F. Schlachetzki
Neurosonografie in der neurologischen Notfall- und Intensivmedizin: Grundlagen, vaskuläre Schlaganfall-diagnostik und Monitoring – Teil 1
- 320 Harrer, J. U., J. Eyding, M. Ritter, U. Schminke, G. Schulte-Altdorneburg, M. Köhrmann, M. Nedelmann, F. Schlachetzki
Neurosonografie in der neurologischen Notfall- und Intensivmedizin: Monitoring des erhöhten intrakraniellen Druckes, Hirntoddiagnostik und Untersuchung der zerebralen Autoregulation – Teil 2
- 122 Steiner, H., I. Haberlehner, T. Jaeger
Doppler-Sonografie in der Geburtshilfe

Editorial

- 215 Abramowicz, J. S., F. W. Kremkau, E. Merz
Ultraschall in der Geburtshilfe: Kann der Fötus die Ultraschallwelle hören und die Hitze spüren?

- 119 Jaeger, K. A.
Weiterbildung in Ultraschall
- 316 Mostbeck, G.
Mammasonografie von Mikrokalk – technisch möglich und klinisch relevant?
- S1 Mostbeck, G.
“Hot Topics” in Contrast-Enhanced Ultrasound (CEUS) – Introduction
- 517 Seitz, K.
Qualitätssicherung in der Ultraschalldiagnostik in Deutschland – eine unendliche Geschichte
- 5 Sidhu, P. S., B. I. Choi, M. B. Nielsen
The EFSUMB Guidelines on the Non-Hepatic Clinical Applications of Contrast Enhanced Ultrasound (CEUS): a New Dawn for the Escalating Use of This Ubiquitous Technique
- Editorial**
- 411 Dietrich, C. F., R. Ponnudurai, M. Bachmann Nielsen
Is There a Need for New Imaging Methods for Lymph Node Evaluation?
- Erratum**
- E1 Gindes, L., A. Weissmann-Brenner, R. Achiron, K. Tzadikvitch-Geffen, M. Zajicek, B. Weisz
3-Dimensional Demonstration of Fetal Anal Canal and Sphincter
- Guidelines**
- 544 Kollmann, C., C. deKorte, N. J. Dudley, N. Gritzmann, K. Martin, D. H. Evans
Guideline for Technical Quality Assurance (TQA) of Ultrasound devices (B-Mode) – Version 1.0 (July 2012)
- 33 Piscaglia, F., C. Nolsøe, C. F. Dietrich, D. O. Cosgrove, O. H. Gilja, M. Bachmann Nielsen, T. Albrecht, L. Barozzi, M. Bertolotto, O. Catalano, M. Claudon, D. A. Clevert, J. M. Correas, M. D’Onofrio, F. M. Drudi, J. Eyding, M. Giovannini, M. Hocke, A. Ignee, E. M. Jung, A. S. Klauser, N. Lassau, E. Leen, G. Mathis, A. Saftoiu, G. Seidel, P. S. Sidhu, G. ter Haar, D. Timmerman, H. P. Weskott
The EFSUMB Guidelines and Recommendations on the Clinical Practice of Contrast Enhanced Ultrasound (CEUS): Update 2011 on non-hepatic applications
- Letter to the Editor**
- 87 Li, Q., J. Tang
Role of Low-Mechanical Index CEUS in the Differentiation between Low and High Grade Bladder Carcinoma: a Pilot Study
- 598 Letter to the Editor
- Original Article**
- E233 Ahmed, A. B., K. Matre, T. Hausken, H. Gregersen, O. H. Gilja
Rome III Subgroups of Functional Dyspepsia Exhibit Different Characteristics of Antral Contractions Measured by Strain Rate Imaging – a Pilot Study
- E95 Albrich, S., R. M. Laterza, A. Merinsky, C. Skala, H. Koelbl, G. Naumann
Die Messung des infrapubischen Winkels in der 3-D-Perineal-Sonografie und seine Beziehung zu geburts-hilfflichen Parametern
- 245 Arzt, W., F. Klement, I. Veit, B. Stadlober, H. C. Duba, B. Günther, D. Wertaschnigg
Einfluss der nicht invasiven Ersttrimester-Diagnostik auf Indikationen und Ergebnisse der Chorionzottenbiopsien
- E51 Axt-Fliedner, R., C. Enzensberger, N. Fass, M. Vogel, A. Kawecki, J. Weichert, T. Kohl, U. Gembruch, U. Germer, M. Krapp, J. Degenhardt
Fetal Diagnosis of Hypoplastic Left Heart, Associations and Outcomes in the Current Era
- E80 Bahlmann, F., M. Fittschen, I. Reinhard, S. Wellek, A. Puhl
Blood Flow Velocity Waveforms of the Umbilical Artery in a Normal Population: Reference Values from 18 Weeks to 42 Weeks of Gestation
- 258 Bahlmann, F., M. Fittschen, I. Reinhard, S. Wellek, E. Steiner
Reference Values for Blood Flow Velocity in the Uterine Artery in Normal Pregnancies from 18 Weeks to 42 Weeks of Gestation Calculated by Automatic Doppler Waveform Analysis
- 463 Bhatia, K., C. S. Tong, C. C. Cho, E. H. Yuen, J. Lee, A. T. Ahuja
Reliability of Shear Wave Ultrasound Elastography for Neck Lesions Identified in Routine Clinical Practice
- E166 Boesen, M., K. Ellegaard, L. Boesen, M. A. Cimmino, P. S. Jensen, L. Terslev, S. Torp-Pedersen, B. Danneskiold-Samsøe, H. Bliddal
Ultrasound Doppler Score Correlates with OMERACT RAMRIS Bone Marrow Oedema and Synovitis Score in the Wrist Joint of Patients with Rheumatoid Arthritis
- E191 Bohle, W., P. U. Clemens, T. Heubach, W. G. Zoller
Contrast-Enhanced Ultrasound (CEUS) for Differentiating Between Hepatocellular and Cholangiocellular Carcinoma
- 455 Butz, T., F. van Buuren, K.-P. Mellwig, C. Langer, O. Oldenburg, K. A. Treusch, A. Meissner, G. Plehn, H.-J. Trappe, D. Horstkotte, L. Faber
Echokardiografische Gewebedoppleranalyse der Mitralringgeschwindigkeiten bei Patienten mit hypertropher Kardiomyopathie und bei Hochleistungssportlern
- 141 Celebi, N., K. Zwirner, U. Lischner, M. Bauder, K. Dittthard, S. Schürger, R. Riessen, C. Engel, B. Balletshofer, P. Weyrich
Student Tutors Are Able to Teach Basic Sonographic Anatomy Effectively – a Prospective Randomized Controlled Trial
- E138 Chiorean, A. R., M. M. Duma, S. M. Dudea, S. Bolboaca, D. Dumitriu, D. Eniu, S. A. Sfrangeu
Typical and Unusual Sonoelastographic Patterns of Breast Cystic Lesions: Impact on BI-RADS Classification
- E321 Clemmesen, L., L. Knudsen, E. Sloth, T. Bendtsen
Dynamic Needle Tip Positioning – Ultrasound Guidance for Peripheral Vascular Access. A Randomized, Controlled and Blinded Study in Phantoms Performed by Ultrasound Novices
- E339 Edelbauer, M., K. Maurer, I. Gassner
Spinal Subdural Effusion – An Additional Sonographic Sign of Child Abuse

- 474 Eiler, J., U. Kleinholdermann, D. Albers, J. Dahms, F. Hermann, C. Behrens, M. Luedemann, V. Klingmueller, G. F. Alzen
Standard value of ultrasound elastography using acoustic radiation force impulse imaging (ARFI) in healthy liver tissue of children and adolescents.
- E75 Enzensberger, C., C. Pulvermacher, J. Degenhardt, A. Kawacki, U. Germer, U. Gembruch, M. Krapp, J. Weichert, R. Axt-Fliedner
Fetal Loss Rate and Associated Risk Factors After Amniocentesis, Chorionic Villus Sampling and Fetal Blood Sampling
- E38 Enzensberger, C., M. Vogel, J. Degenhardt, N. Fass, A. Kawecky, T. Kohl, E. Widriani, R. Axt-Fliedner
Fetal Pulmonary Venous Flow and Restrictive Foramen Ovale in Hypoplastic Left Heart
- E263 Ertl, M., M. Altmann, E. Torka, H. Helbig, U. Bogdahn, A. Gamulescu, F. Schlachetzki
The Retrobulbar "Spot Sign" as a Discriminator Between Vasculitic and Thrombo-Embolic Affections of the Retinal Blood Supply
- 480 Faschingbauer, F., M. W. Beckmann, T. W. Goecke, B. Yazdi, J. Siemer, M. Schmid, A. Mayr, R. L. Schild
A New Formula for Optimized Weight Estimation in Extreme Fetal Macrosomia ($\geq 4500\text{g}$)
- E62 Faschingbauer, F., F. Voigt, T. W. Goecke, J. Siemer, M. W. Beckmann, B. Yazdi, R. L. Schild
Fetal Weight Estimation in Extreme Macrosomia ($\geq 4,500\text{g}$): Comparison of 10 Formulas
- 372 Fischer, T., U. Peisker, S. Fiedor, T. Slowinski, P. Wedemeyer, F. Diekmann, M. Grigoryev, A. Thomas
Significant Differentiation of Focal Breast Lesions: Raw Data-Based Calculation of Strain Ratio
- 357 Fischer, T., M. Grigoryev, S. Bossenz, F. Diekmann, U. Bick, T. Slowinski, A. Thomas
Sonografische Mikrokalkdetektion – Potenzial einer neuen Methode
- E101 Fruscalzo, A., R. Schmitz, W. Klockenbusch, J. Steinhard
Reliability of Cervix Elastography in the Late First and Second Trimester of Pregnancy
- E25 Gindes, L., A. Weissmann-Brenner, R. Achiron, K. Tzadikivitch-Geffen, M. Zajicek, B. Weisz
3-Dimensional Demonstration of Fetal Anal Canal and Sphincter
- E202 Guth, S., U. Leise, C. Gocke, C. U. Herborn, A. Galach, C. M. Bamberger
Stellenwert der Sonografie im Rahmen präventiver Untersuchungen im Vergleich zur Ganzkörper-MRT – eine retrospektive Untersuchung bei 833 Patienten
- 270 Hahn, M., L. Roessner, U. Krainick-Strobel, I. V. Gruber, B. Krämer, C. Gall, K. C. Siegmann, D. Wallwiener, K. O. Kagan
Dignitätskriterien der Mammasonografie unter Anwendung des Real-Time Compound Image in Kombination mit dem XRES Adaptiv Image Processing
- 366 Hahn, M., U. Krainick-Strobel, T. Toellner, J. Gissler, S. Kluge, E. Krapfl, U. Peisker, V. Duda, F. Degenhardt, H. P. Sinn, D. Wallwiener, I. V. Gruber
Interdisciplinary Consensus Recommendations for the use of Vacuum-Assisted Breast Biopsy under Sonographic Guidance: First update 2012
- 275 He, H., T. Yu, Y. Zhang
The Interaction between a Drug and Ultrasound in Sonochemotherapy against Ovarian Cancers
- 160 Hille, H., M. Vetter, B. J. Hackelöer
The Accuracy of BI-RADS Classification of Breast Ultrasound as a First-Line Imaging Method
- 68 Hofer, M., L. Kamper, F. Miese, P. Kröpil, C. Naujoks, J. Handschel, N. Heussen
Quality Indicators for the Development and Didactics of Ultrasound Courses in Continuing Medical Education
- 447 Hsu, H.-H., J.-C. Yu, G.-C. Hsu, C.-P. Yu, W.-C. Chang, H.-J. Tung, W.-C. Lin, S.-H. Tsai, G.-S. Huang
Atypical Ductal Hyperplasia of the Breast Diagnosed by Ultrasonographically Guided Core Needle Biopsy
- E158 Hsu, Y.-C., Y.-C. Wu, H.-H. Wang, M.-S. Lee, G.-S. Huang
Assessment of Cam-Type Femoroacetabular Impingement by Ultrasonography: Value of Anterior Femoral Distance Measurements
- E275 Idzenga, T., H. Hansen, R. Lopata, C. de Korte
Estimation of Longitudinal Shear Strain in the Carotid Arterial Wall Using Ultrasound Radiofrequency Data
- 152 Juhl-Olsen, P., C. A. Frederiksen, E. Sloth
Ultrasound Assessment of Inferior Vena Cava Collapsibility Is Not a Valid Measure of Preload Changes During Triggered Positive Pressure Ventilation: A Controlled Cross-Over Study
- E46 Kargl, S., D. Wertaschnigg, I. Scharnreitner, W. Pumberger, W. Arzt
Closing Gastroschisis: eine Sonderform der Gastroschisis mit hoher Morbidität und Mortalität
- 265 Kehl, S., C. Körber, N. Hart, T. W. Goecke, R. L. Schild, J. Siemer
New Sonographic Method for Fetuses with a Large Abdominal Circumference Improves Fetal Weight Estimation
- 469 Kehl, S., C. Körber, N. Hart, T. W. Goecke, R. L. Schild, J. Siemer
New Sonographic Method for Fetuses with Small Abdominal Circumference Improves Fetal Weight Estimation
- E299 Li, S., P. Huang, H. Xu, K. Xu, X. Wu
Comparison of Double Contrast-Enhanced Ultrasound and MDCT for Assessing Vascular Involvement of Pancreatic Adenocarcinoma: Preliminary Results Correlated with Surgical Findings
- E218 Li, S., P. Huang, Z. Wang, J. Chen, H. Xu, L. Wang, Y. Zhang, G. Mo, J. Zhu, D. Cosgrove
Preoperative T Staging of Advanced Gastric Cancer using Double Contrast-Enhanced Ultrasound
- 146 Linde, H.-N. G., A. Holland, B. H. Greene, C. Görg
Kontrastunterstützte Sonografie (CEUS) bei Pneumonie: Darstellungsmuster und prognostische Bedeutung – eine retrospektive Studie bei n = 50 Patienten
- E326 Logallo, N., J. Lind, H. Naess, T. Idicula, J. Brogger, U. Waje-Andreassen, L. Thomassen
Middle Cerebral Artery Stenosis: Transcranial Color-Coded Sonography based on continuity equation versus CT-Angiography
- 352 Loizides, A., S. Peer, M. Plaikner, T. Djurdjevic, H. Gruber
Punched Nerve Syndrome: Ultrasonographic Appearance of Functional Vascular Nerve Impairment
- E31 Lomax, L., H. Johansson, L. Valentin, P. Sladkevicius
Agreement Between Prenatal Ultrasonography and Fetal Autopsy Findings: A Retrospective Study of Second Trimester Terminations of Pregnancy
- E57 Lüthgens, K., M. Hoopmann, R. Alkier, H. Abele, B. Yazdi, K. Kagan
Screening auf Trisomie 18 und Trisomie 13 durch das kombinierte Anwenden der Risiko-Algorithmen für Trisomie 21, 18 und 13
- E283 Marcus, K. A., C. L. de Korte, T. Feuth, J. M. Thijssen, L. Kapusta
Abnormal Two-Dimensional Strain Echocardiography Findings in Children with Congenital Valvar Aortic Stenosis

- E179 Marone, U., O. Catalano, C. Caracò, A. M. Anniciello, F. Sandomenico, G. Di Monta, M. L. Di Cecilia, S. Mori, G. Botti, A. Petrillo, N. Mozzillo
Can High-Resolution Ultrasound Avoid the Sentinel Lymph-node Biopsy Procedure in the Staging Process of Patients with Stage I-II Cutaneous Melanoma?
- E68 Mihailovic, T., B. V. Stimec, M. Terzic, A. Dmitrovic, J. Micic
The Absence of the Vomer in the First and Early Second Trimester of Pregnancy – A New Marker of Trisomy 21 and Trisomy 13
- E225 Nylund, K., T. Hausken, S. Ødegaard, G. E. Eide, O. H. Gilja
Gastrointestinal Wall Thickness Measured with Trans-abdominal Ultrasonography and Its Relationship to Demographic Factors in Healthy Subjects
- E186 Park, S. J., S. H. Park, Y. J. Choi, D. W. Kim, E. J. Son, H. S. Lee, J. H. Yoon, E.-K. Kim, H. J. Moon, J. Y. Kwak
Interobserver Variability and Diagnostic Performance in US Assessment of Thyroid Nodule According to Size
- E210 Pavlovic Markovic, A., T. Rösch, T. Alempijevic, M. Krstic, D. Tomic, P. Dugalic, A. Sokic Milutinovic, M. Bulajic
Endoscopic Ultrasound for Differential Diagnosis of Duodenal Lesions
- 574 Pfandzelter, R., G. Sander, T. Balhar, M. Langer
Technische Qualitätssicherung der Ultraschall Diagnostik in der ambulanten Versorgung
- E268 Poredos, P., M. K. Jezovnik
Enlargement of the Diameter of the Peripheral Arteries in Patients with Idiopathic Venous Thrombosis
- E333 Richter-Rodier, M., A. E. Lange, B. Hinken, M. Hofmann, R. D. Stenger, W. Hoffmann, C. Fusch, J. P. Haas
Ultrasound Screening Strategies for the Diagnosis of Congenital Anomalies of the Kidney and Urinary Tract
- E132 Schnabel, A., F. Schuster, T. Ermert, L. H. Eberhart, T. Metterlein, P. Kranke
Ultrasound Guidance for Neuraxial Analgesia and Anesthesia in Obstetrics: a Quantitative Systematic Review
- E88 Scholbach, T. M., J. Konje, B. Huppertz
Pixelwise Quantification of Placental Perfusion Visualized by 3D Power Doppler Sonography
- E196 Schrader, H., M. Wiese, M. Ellrichmann, O. Belyaev, W. Uhl, A. Tannapfel, W. Schmidt, J. Meier
Diagnostic Value of Quantitative EUS Elastography for Malignant Pancreatic Tumors: Relationship with Pancreatic Fibrosis
- E126 Seeliger, C., A. Brueckmann, E. Schleußner
Maternale Endothelfunktion in Schwangerschaft und Wochenbett – ultraschallgestützte longitudinale Erfassung mittels Flow Mediated Dilatation (FMD)
- E306 Serra, C., A. Stauffer, B. Actor, J.-K. Burkhardt, N. H.-B. Ulrich, R.-L. Bernays, O. Bozinov
Intraoperative High Frequency Ultrasound in Intracerebral High-Grade Tumors
- E173 Terslev, L., M. A. D'Agostino, M. Brossard, P. Aegerter, P. Balint, M. Backhaus, G. A. Bruyn, I. Chary-Valckenare, E. Filippucci, J. Freeston, F. Gandjbakhch, A. Iagnocco, S. Jousse-Joulin, P. Mandl, I. Möller, E. Naredo, M. Szkudlarek, R. J. Wakefield, A. Zayat, W. A. Schmidt
Which Knee and Probe Position Determines the Final Diagnosis of Knee Inflammation by Ultrasound? Results from a European Multicenter Study
- E119 Tomsin, K., T. Mesens, G. Molenberghs, L. Peeters, W. Gyselaers
Time Interval Between Maternal Electrocardiogram and Venous Doppler Waves in Normal Pregnancy and Preeclampsia: A Pilot Study
- E108 Ulrich, D., G. Desoye, C. Wadsack, J. Haas, B. Csapo, M. Holzapfel-Bauer, U. Lang, D. Schlembach
Fetal Anterior Wall Thickness and Amniotic Fluid Insulin Levels: an Interdependence?
- E256 Uthoff, H., M. Siegemund, M. Aschwanden, L. Hunziker, T. Fabbro, U. Baumann, K. A. Jaeger, S. Imfeld, D. Staub
Prospective Comparison of Noninvasive, Bedside Ultrasound Methods for Assessing Central Venous Pressure
- E313 Vyskocil, E., S. Pfaffenberger, C. Kollmann, A. Gleiss, G. Nawratil, S. Kastl, E. Unger, K. Aumayr, O. Schuhfried, K. Huber, J. Wojta, M. Gottsauner-Wolf
Thermal Effects of Diagnostic Ultrasound in an Anthropomorphic Skull Model
- 251 Willruth, A. M., A. Geipel, C. Berg, R. Fimmers, U. Gembruch
Assessment of Fetal Global and Regional Ventricular Function in Congenital Heart Disease Using a Novel Feature Tracking Technique
- E293 Willruth, A. M., A. Geipel, C. Berg, R. Fimmers, U. Gembruch
Assessment of Left Ventricular Global and Regional Longitudinal Peak Systolic Strain, Strain Rate and Velocity with Feature Tracking in Healthy Fetuses
- E114 Willruth, A. M., N. Dwinger, J. Ritgen, R. Stressig, A. Geipel, U. Gembruch, C. Berg
Fetal Aberrant Right Subclavian Artery (ARSA) – a Potential New Soft Marker in the Genetic Scan?
- E241 Xu, H.-X., M.-D. Lu, L.-N. Liu, Y.-F. Zhang, L.-H. Guo, C. Liu, S. Wang
Imaging Features of Intrahepatic Biliary Cystadenoma and Cystadenocarcinoma on B-Mode and Contrast-Enhanced Ultrasound
- E145 Yoon, J. H., E.-K. Kim, J. Y. Kwak, H. J. Moon, M. J. Kim
Is US-guided Core Needle Biopsy (CNB) enough in Probably Benign Nodules with Interval Growth?
- E250 Zhong-Zhen, S., L. Kai, Z. Rong-Qin, X. Er-Jiao, Z. Ting, Z. Ao-Hua, Y. Shu-Fang, H. Xu-Qi
A Feasibility Study for Determining Ablative Margin with 3D-CEUS-CT/MR Image Fusion after Radiofrequency Ablation of Hepatocellular Carcinoma
- E151 Zimmermann, N., R. Ohlinger
Diagnostic Value of Palpation, Mammography, and Ultrasonography in the Diagnosis of Fibroadenoma: Impact of Breast Density, Patient Age, Ultrasonographic Size, and Palpability

Pictorial Essay

- 489 Dencker, D., C. Ewertsen, S. Karstrup
Drainage of Air-Containing Cavities Guided by Image Fusion involving Ultrasound and Electromagnetic Needle Tracking
- 76 Heinzmann, A., T. Müller, J. Leitlein, B. Braun, S. Kubicka, W. Blank
Endocavitary Contrast Enhanced Ultrasound (CEUS) – Work in Progress
- E344 Ruiz Santiago, F., I. Guzmán Álvarez, M. del Mar Castellano García
Ultrasound Pathology of the Elbow: a Pictorial Essay

Quality Assurance

- 289 Rosenfeld, E., S. Wolter, A. Kopp, E. Liebscher
Investigation of the Suitability of Tissue Phantoms for Testing the Constancy of Ultrasonic Transducer Arrays in Quality Assurance

Rapid Communication

- 587 Egger, C., R. S. Goertz, D. Strobel, M. Lell, M. F. Neurath, F. Knieling, M. Scharf
Dynamic Contrast-Enhanced Ultrasound (DCE-US) for Easy and Rapid Evaluation of Hepatocellular Carcinoma Compared to Dynamic Contrast-Enhanced Computed Tomography (DCE-CT) – A Pilot Study
- 581 Gehmert, S., E. M. Jung, T. Kügler, S. Klein, S. Gehmert, K. Zeitler, M. Loibl, L. Prantl
Sonoelastography Can Be Used to Monitor the Restoration of Achilles Tendon Elasticity after Injury
- 581 Gehmert, S., E.-M. Jung, T. Kügler, S. Gehmert, S. Klein, K. Zeitler, M. Gosau, M. Loibl, L. Prantl
Sonoelastography Can Be Used to Monitor the Restoration of Achilles Tendon Elasticity after Injury
- 380 Goertz, R. S., C. Egger, M. F. Neurath, D. Strobel
Impact of Food Intake, Ultrasound Transducer, Breathing Maneuvers and Body Position on Acoustic Radiation Force Impulse (ARFI) Elastometry of the Liver
- 164 Goertz, R. S., R. Heide, T. Bernatik, M. J. Waldner, J. Mudter, M. F. Neurath, D. Strobel
Mesenteric Transit Time Using Contrast-Enhanced Ultrasound (CEUS) Does Not Correlate with Disease Activity in Crohn's Disease
- 283 Mansour, N., K. F. Stock, A. Chaker, M. Bas, A. Knopf
Evaluation of Parotid Gland Lesions with Standard Ultrasound, Color Duplex Sonography, Sonoelastography, and Acoustic Radiation Force Impulse Imaging – a Pilot Study
- 170 Wiggemann, P., E.-M. Jung, S. Glöckner, P. Hoffstetter, W. Uller, A. Vasilj, A. Schreyer, C. Stroszczynski
Real-Time Elastography of Hepatic Thermal Lesions In Vitro: Histopathological Correlation

Review

- 431 Andresen, C., A. Matias, E. Merz
Fetal Face: The Whole Picture
- 60 Cokkinos, D., E. Antypa, K. Stefanidis, P. Tserotas, V. Kostaras, A. Parlamenti, K. Tavernaraki, P. N. Piperopoulos
Contrast-Enhanced Ultrasound for Imaging Blunt Abdominal Trauma – Indications, Description of the Technique and Imaging Review
- E1 Drudi, F. M., V. Cantisani, M. Gneccchi, F. Malpassini, N. Di Leo, C. de Felice
Contrast-Enhanced Ultrasound Examination of the Breast: A Literature Review
- E8 Griffiths, A., G. terHaar, I. Rivens, D. Giussani, C. Lees
High-Intensity Focused Ultrasound in Obstetrics and Gynecology: The Birth of a New Era of Noninvasive Surgery?
- 337 Gruber, I., M. Hahn, T. Fehm, C. Hann von Weyhern, A. Stäbler, A. Winckelmann, D. Wallwiener, T. Kühn
Relevance and Methods of Interventional Breast Sonography in Preoperative Axillary Lymph Node Staging
- 441 Pedersen, M., U. Fredberg, H. Langberg
Sonoelastography as a Diagnostic Tool in the Assessment of Musculoskeletal Alterations: A Systematic Review
- 135 Piskunowicz, M., W. Kosiak, T. Batko
Intravenous Application of Second-Generation Ultrasound Contrast Agents in Children: A Review of the Literature
- 550 Sporea, I., R. L. Sirlì
Hepatic Elastography for the Assessment of Liver Fibrosis – Present and Future

- E16 Tutschek, B., K. G. Schmidt
Sonographic Assessment of Fetal Cardiac Function: Indirect Measurements of Fetal Cardiac Function, Newer Techniques and Clinical Applications
- 236 Tutschek, B., K. G. Schmidt
Sonographic Assessment of Fetal Cardiac Function: Introduction and Direct Measurement of Cardiac Function

Supplement

- S57 Dietrich, C. F., X. W. Cui, B. Boozari, M. Hocke, A. Ignee
Contrast-Enhanced Ultrasound (CEUS) in the Diagnostic Algorithm of Hepatocellular and Cholangiocellular Carcinoma, Comments on the AASLD Guidelines
- S39 Dietrich, C. F., X. W. Cui, A. P. Barreiros, M. Hocke, A. Ignee
EFSUMB Guidelines 2011: Comment on Emergent Indications and Visions
- S11 Dietrich, C. F., X. W. Cui, D. G. Schreiber-Dietrich, A. Ignee
EFSUMB Guidelines 2011: Comments and Illustrations
- S22 Dietrich, C. F.
Liver Tumor Characterization – Comments and Illustrations Regarding Guidelines
- S3 Dietrich, C. F., M. E. Maddalena, X. W. Cui, D. Schreiber-Dietrich, A. Ignee
Liver Tumor Characterization – Review of the Literature
- S48 Quaia, E., A. Lorusso, G. Grisi, F. Stacul, M. A. Cova
The Role of CEUS in the Characterization of Hepatocellular Nodules Detected During the US Surveillance Program – Current Practices in Europe
- S31 Tranquart, F., L. Mercier, P. Frinking, E. Gaud, M. Arditi
Perfusion Quantification in Contrast-Enhanced Ultrasound (CEUS) – Ready for Research Projects and Routine Clinical Use

Title Page

- 407 Cantisani, V., M. Olive, M. Di Segni, N. Di Leo, H. Grazdhan, G. D'Ettore, G. Ceccarelli, C. Fioravanti, P. Ricci
Darstellung eines Leydig-Zell-Tumors des Hodens im kontrastverstärkten Ultraschall (CEUS) und der Elastosonografie
- 1 Ewertsen, Caroline, Ditte Dencker, Steen Karstrup
Stanzbiopsie eines kleinen retroperitonealen Lymphoms gestützt durch Bildfusion und elektromagnetischem Nadel-Tracking
- 211 Merz, E
Titelbildbeitrag – 5 Oberflächendarstellung eines Feten (28 + 2 SSW) mittels HDlive-Technologie
- 313 Neye, H., P. Rauh, E. Erbstößer, S. Rickes
Titelbildbeitrag – Der Morbus Whipple – eine seltene Darmerkrankung und ihre sonografischen Merkmale
- 113 Tenisch, Estelle, Emilie Uldry, Jean-Yves Meuwly, Fabio Becce
Titelbildbeitrag – Bilaterale subkapsuläre Urinome: Ungewöhnliche Ursache einer Page-Niere mit Nierenversagen

A

Abele, H. E57
 Abramovicz, J. 175
 Abramowicz, J. S. 215
 Achiron, R. E1, E25
 Actor, B. E306
 Aegerter, P. E173
 Ahmed, A. B. E233
 Ahuja, A. T. 463
 Albers, D. 474
 Albrecht, T. 33
 Albrich, S. E95
 Alempijevic, T. E210
 Alkier, R. E57
 Altmann, M. E263
 Alzen, G. F. 474
 Andresen, C. 431
 Anniciello, A. M. E179
 Antypa, E. 60
 Ao-Hua, Z. E250
 Arditì, M. S31
 Arzt, W. 245, E46
 Aschwanden, M. E256
 Aumayr, K. E313
 Averkiou, M. A. 344
 Axt-Fliedner, R. 493, E38, E51, E75

B

Baba, K. 175
 Bachmann Nielsen, M. 33, 411
 Backhaus, M. E173, E352
 Bahlmann, F. 258, E80
 Balhar, T. 574
 Balint, P. E173
 Balletshofer, B. 141
 Bamberger, C. M. E202
 Barozzi, L. 33
 Barreiros, A. P. S39
 Bas, M. 283
 Batko, T. 135
 Bauder, M. 141
 Baumann, U. E256
 Becce, Fabio 113
 Beckmann, M. W. 480, E62
 Behrens, C. 474
 Belyaev, O. E196
 Bendtsen, T. E321
 Berg, C. 251, E114, E293
 Bernatik, T. 164
 Bernays, R.-L. E306
 Bertolotto, M. 33
 Berzigotti, A. 8
 Bhatia, K. 463
 Bick, U. 357
 Blaas, H.-G. K. 175
 Blank, W. 76
 Bliddal, H. E166
 Boesen, L. E166
 Boesen, M. E166
 Bogdahn, U. E263
 Bohle, W. E191
 Bolboaca, S. E138
 Bonagura, A. C. 597
 Boozari, B. S57
 Bossenz, S. 357
 Botti, G. E179

Bozinov, O. E306
 Braun, B. 76
 Brogger, J. E326
 Brossard, M. E173
 Brueckmann, A. E126
 Bruyn, G. A. E173
 Bulajic, M. E210
 Burkhardt, J.-K. E306
 Burmester, G. R. E352
 Butz, T. 455

C

Cantisani, V. 407, 416, E1
 Caracò, C. E179
 Catalano, O. 33, E179
 Ceccarelli, G. 407
 Celebi, N. 141
 Chaker, A. 283
 Chang, W.-C. 447
 Chary-Valckenare, I. E173
 Chen, J. E218
 Chiorean, A. R. E138
 Cho, C. C. 463
 Choi, B. I. 5
 Choi, Y. J. E186
 Chopra, S. S. E366
 Cimmino, M. A. E166
 Claudon, M. 33
 Clemens, P. U. E191
 Clemmesen, L. E321
 Clevert, D. A. 33
 Cokinos, D. 60
 Colmorn, L. B. 85
 Correas, J. M. 33
 Correas, J.-M. 344
 Cosgrove, D. O. 33, E218
 Cova, M. A. S48
 Csapo, B. E108
 Cui, X. W. S3, S11, S39, S57

D

D'Agostino, M. A. E173
 Dahms, J. 474
 Danneskiold-Samsøe, B. E166
 de Felice, C. E1
 Degenhardt, F. 366
 Degenhardt, J. E38, E51, E75
 deKorte, C. 544
 de Korte, C. E275, E283
 del Mar Castellano García, M. E344
 Dencker, D. 489
 Dencker, Ditte 1
 Denecke, T. E366
 Deng, J. 175
 Desoye, G. E108
 Deuschle, P. 185
 Di Cecilia, M. L. E179
 Diekmann, F. 357, 372
 Dietrich, C. F. 33, 344, 411, S3, S11, S22, S39, S57
 Di Leo, N. 407, 416, 597, E1
 Di Monta, G. E179
 Di Segni, M. 407
 Dittthard, K. 141
 Di Vece, F. E355

Djurdjevic, T. 352
 Dmitrovic, A. E68
 D'Onofrio, M. 33
 Drudi, F. M. 33, 416, E1
 Drudi, Francesco 597
 Duba, H. C. 245
 Duda, V. 366
 Dudea, S. M. E138
 Dudley, N. J. 544
 Dugalic, P. E210
 Duma, M. M. E138
 Dumitriu, D. E138
 Dwinger, N. E114
 D'Ettore, G. 407

E

Eberhart, L. H. E132
 Edelbauer, M. E339
 Egger, C. 380, 587
 Eichhorn, K.-H. 593
 Eide, G. E. E225
 Eiler, J. 474
 Eisele, R. E366
 Elia, F. 597
 Ellegaard, K. E166
 Ellrichmann, M. E196
 Engel, A. 364
 Engel, C. 141
 Eniu, D. E138
 Enzensberger, C. 493, E38, E51, E75
 Erbstößer, E. 313
 Er-Jiao, X. E250
 Ermert, T. E132
 Ertl, M. E263
 Eskef, K. 493
 Evans, D. H. 544
 Ewertzen, C. 489
 Ewertzen, Caroline 1
 Eyding, J. 33, 218, 320

F

Faas, D. 493
 Fabbro, T. E256
 Faber, L. 455
 Faschingbauer, F. 480, E62
 Fass, N. E38, E51
 Fehm, T. 337
 Fette, A. E361
 Feuth, T. E283
 Fiedor, S. 372
 Filippucci, E. E173
 Fimmers, R. 251, E293
 Fioravanti, C. 407
 Fischer, T. 357, 372
 Fittschen, M. 258, E80
 Fredberg, U. 441
 Frederiksen, C. A. 152
 Freeston, J. E173
 Frinking, P. S31
 Fruscalzo, A. E101
 Fusch, C. E333

G

Galach, A. E202

Galeotti, R. E355
 Gall, C. 270
 Gamulescu, A. E263
 Gandjbakhch, F. E173
 Garcovich, M. E359
 Gassner, I. E339
 Gaud, E. S31
 Gehmert, S. 581, 581, 581, 581
 Geipel, A. 251, E114, E293
 Gembruch, U. 251, E51, E75, E114, E293
 Germer, U. E51, E75, E372
 Gilja, O. H. 33, E225, E233
 Gindes, L. 175, E1, E25
 Giovannini, M. 33
 Gissler, J. 366
 Giussani, D. E8
 Gleiss, A. E313
 Glöckner, S. 170
 Gneccchi, M. 416, E1
 Gocke, C. E202
 Goecke, T. W. 265, 469, 480, E62
 Goertz, R. S. 164, 380, 587
 Görg, C. 146
 Gosau, M. 581
 Gottsauner-Wolf, M. E313
 Grazdhani, H. 407
 Greene, B. H. 146
 Gregersen, H. E233
 Grieser, C. E366
 Griffiths, A. E8
 Grigoryev, M. 357, 372
 Grisi, G. S48
 Gritzmann, N. 544
 Gruber, H. 352
 Gruber, I. V. 270, 337, 366
 Grujic Koracin, J. E350
 Guckelberger, O. E366
 Günther, B. 245
 Guo, L.-H. E241
 Guth, S. E202
 Guzmán Álvarez, I. E344
 Gyselaers, W. E119

H

Haar, G. ter. 33
 Haas, J. E108, E333
 Habek, D. E350
 Haberlehner, I. 122
 Hackelöer, B. J. 160
 Hagendorff, A. 520
 Hahn, M. 270, 337, 366
 Handschel, J. 68
 Hann von Weyhern, C. 337
 Hansen, H. E275
 Harrer, J. U. 218, 320
 Hart, N. 265, 469
 Hausken, T. E225, E233
 He, H. 275
 Heide, R. 164
 Heinzmann, A. 76
 Helbig, H. E263
 Helvind, M. 85
 Herborn, C. U. E202
 Hermann, F. 474
 Hermann, K.-G. E352
 Heubach, T. E191
 Heussen, N. 68

Hille, H. 160
 Hinken, B. E333
 Hocke, M. 33, S39, S57
 Hofer, M. 68
 Hoffmann, W. E333
 Hoffstetter, P. 170
 Hofmann, M. E333
 Holland, A. 146
 Holschbach, V. E372
 Holzapfel-Bauer, M. E108
 Hoopmann, M. E57
 Horstkotte, D. 455
 Hoxha, A. E369
 Hsu, G.-C. 447
 Hsu, H.-H. 447
 Hsu, Y.-C. E158
 Huang, G.-S. 447, E158
 Huang, P. E218, E299
 Huber, K. E313
 Hunziker, L. E256
 Huppertz, B. E88

I

Iagnocco, A. E173
 Idicula, T. E326
 Idzenga, T. E275
 Iera, J. 597
 Ignee, A. 33, S3, S11, S39, S57
 Iivitzki, A. 364
 Imfeld, S. E256
 Iori, F. 416

J

Jaeger, K. A. 119, E256
 Jaeger, T. 122
 Jensen, P. S. E166
 Jensen, T. 85
 Jezovnik, M. K. E268
 Johansson, H. E31
 Jousse-Joulin, S. E173
 Juhl-Olsen, P. 152
 Jung, E. M. 33, 581
 Jung, E.-M. 170, 581
 Jørgensen, F. S. 85

K

Kagan, K. O. 270, E57
 Kai, L. E250
 Kamper, L. 68
 Kapusta, L. E283
 Kargl, S. E46
 Karstrup, S. 489
 Karstrup, Steen 1
 Kastl, S. E313
 Kawacki, A. E75
 Kaweck, A. E38, E51
 Kehl, S. 265, 469
 Kim, D. W. E186
 Kim, E.-K. E145, E186
 Kim, M. J. E145
 Klauser, A. S. 33
 Klein, S. 581, 581
 Kleinholdermann, U. 474
 Klement, F. 245

Klingmueller, V. 474
 Klockenbusch, W. E101
 Kluge, S. 366
 Knieling, F. 587
 Knopf, A. 283
 Knudsen, L. E321
 Koch, A. M. 183
 Koelbl, H. E95
 Kohl, T. E38, E51
 Köhrmann, M. 218, 320
 Kollmann, C. 544, E313
 Konje, J. E88
 Kopp, A. 289
 Körber, C. 265, 469
 Kosiak, W. 135
 Kostaras, V. 60
 Krainick-Strobel, U. 270, 366
 Krämer, B. 270
 Kranke, P. E132
 Krapfl, E. 366
 Krapp, M. E51, E75
 Kremkau, F. W. 215
 Kröpil, P. 68
 Krstic, M. E210
 Kubicka, S. 76
 Kügler, T. 581, 581
 Kühn, T. 337
 Kwak, J. Y. E145, E186

L

Lang, U. E108
 Langberg, H. 441
 Lange, A. E. E333
 Langer, C. 455
 Langer, M. 574
 Lassau, N. 33, 344
 Laterza, R. M. E95
 Latrich, C. R. E372
 Lee, H. S. E186
 Lee, J. 463
 Lee, M.-S. E158
 Lee, W. 175
 Leen, E. 33, 344
 Lees, C. E8
 Leise, U. E202
 Leitlein, J. 76
 Lell, M. 587
 Lenz, F. 185
 Li, Q. 87
 Li, S. E218, E299
 Liebscher, E. 289
 Lin, W.-C. 447
 Lind, J. E326
 Linde, H.-N. G. 146
 Lischner, U. 141
 Liu, C. E241
 Liu, L.-N. E241
 Logallo, N. E326
 Loibl, M. 581, 581
 Loizides, A. 352
 Lomax, L. E31
 Lopata, R. E275
 Lorusso, A. S48
 Lu, M.-D. E241
 Luedemann, M. 474
 Lüthgens, K. E57

M

Maddalena, M. E. S3
 Malpassini, F. 416, E1
 Mandl, P. E173
 Mansour, N. 283
 Marcus, K. A. E283
 Marone, U. E179
 Martin, K. 544
 Mathis, G. 33
 Matias, A. 431
 Matre, K. E233
 Maurer, K. E339
 Mayr, A. 480
 Mayr, J. E361
 Meier, J. E196
 Meissner, A. 455
 Mellwig, K.-P. 455
 Mercier, L. S31
 Merinsky, A. E95
 Merz, E 211
 Merz, E. 175, 215, 431, 593, E369
 Mesens, T. E119
 Metterlein, T. E132
 Meuwly, Jean-Yves 113
 Michel, M. 185
 Micic, J. E68
 Miese, F. 68
 Mihailovic, T. E68
 Miric Tesanic, D. E350
 Mo, G. E218
 Mogl, M. E366
 Molenberghs, G. E119
 Möller, I. E173
 Moon, H. J. E145, E186
 Mori, S. E179
 Mostbeck, G. 316, S1
 Mozzillo, N. E179
 Mudter, J. 164
 Müller, A. M. E372
 Müller, H. E357
 Müller, T. 76
 Musicco, F. 597

N

Naess, H. E326
 Naredo, E. E173
 Naujoks, C. 68
 Naumann, G. E95
 Nawratil, G. E313
 Nedelmann, M. 218, 320
 Neuhaus, P. E366
 Neurath, M. F. 164, 380, 587
 Neye, H. 313
 Nielsen, M. B. 5
 Nolsøe, C. 33
 Nylund, K. E225

O

Ohlinger, R. E151
 Oldenburg, O. 455
 Olive, M. 407
 Ortmann, O. E372

P

Park, S. J. E186, E186
 Parlamenti, A. 60
 Pavlovic Markovic, A. E210
 Pedersen, M. 441
 Peer, S. 352
 Peeters, L. E119
 Peisker, U. 366, 372
 Perren, F. E357
 Petersen, B. L. 85
 Petrillo, A. E179
 Pfaffenberger, S. E313
 Pfandzelter, R. 574
 Pfeiffer, D. 520
 Piperopoulos, P. N. 60
 Piscaglia, F. 8, 33, 344
 Piskunowicz, M. 135
 Plaikner, M. 352
 Platt, L. 175
 Plehn, G. 455
 Pompili, M. E359
 Ponnudurai, R. 411
 Poredos, P. E268
 Prantl, L. 581, 581
 Pretorius, D. 175
 Puhl, A. E80
 Pulvermacher, C. E75
 Pumberger, W. E46

Q

Quaia, E. S48

R

Rapaccini, G. E359
 Rauh, P. 313
 Rediner, U. E352
 Reinhard, I. 258, E80
 Riccardi, L. E359
 Ricci, P. 407
 Richter-Rodier, M. E333
 Rickes, S. 313
 Riessen, R. 141
 Ritgen, J. E114
 Ritter, M. 218, 320
 Rivens, I. E8
 Roessner, L. 270
 Rong-Qin, Z. E250
 Rösch, T. E210
 Rosenfeld, E. 289
 Ruiz Santiago, F. E344

S

Saftoiu, A. 33
 Salviato, E. E355
 Sander, G. 574
 Sandomenico, F. E179
 Sartori, S. E355
 Scharf, M. 587
 Scharnreitner, I. E46
 Schild, R. L. 175, 265, 469, 480, E62
 Schlachetzki, F. 218, 320, E263
 Schlembach, D. E108

Schleußner, E. E126
 Schmid, M. 480
 Schmidt, K. G. 236, E16
 Schmidt, W. E173, E196
 Schminke, U. 218, 320
 Schmitz, R. E101
 Schnabel, A. E132
 Scholbach, T. M. E88
 Schrader, H. E196
 Schramm, T. 593
 Schreiber-Dietrich, D. S3, S11
 Schreyer, A. 170
 Schuhfried, O. E313
 Schulte-Altendorneburg, G. 218, 320
 Schürger, S. 141
 Schuster, F. E132
 Schwarze, A. 493
 Seccia, A. E359
 Seeliger, C. E126
 Seidel, G. 33
 Seitz, K. 386, 517
 Serra, C. E306
 Sfrangeu, S. A. E138
 Shaoul, R. 364
 Shu-Fang, Y. E250
 Sidhu, P. S. 5, 33
 Siegemund, M. E256
 Siegmann, K. C. 270
 Siemer, J. 265, 469, 480, E62
 Sinn, H. P. 366
 Sirli, R. L. 550
 Skala, C. E95
 Sladkevicius, P. 175, E31
 Sloth, E. 152, E321
 Slowinski, T. 357, 372
 Sokic Milutinovic, A. E210
 Solivetti, F. M. 597
 Sollazzi, L. E359
 Son, E. J. E186
 Song, I.-H. E352
 Sporea, I. 550
 Stäbler, A. 337
 Stacul, F. S48
 Stadlober, B. 245
 Stanojevic, M. E350
 Staub, D. E256
 Stauffer, A. E306
 Stefanidis, K. 60
 Steiner, E. 258
 Steiner, H. 122
 Steinhard, J. E101
 Stenger, R. D. E333
 Stimec, B. V. E68
 Stock, K. F. 283
 Stoebe, S. 520
 Stressig, R. E114
 Strobel, D. 164, 380, 587
 Stroszczyński, C. 170
 Szkudlarek, M. E173

T

Tang, J. 87
 Tannapfel, A. E196
 Tarr, A. 520
 Tavernaraki, K. 60
 Tenisch, Estelle 113
 terHaar, G. E8

Terslev, L. E166, E173
 Terzic, M. E68
 Thijssen, J. M. E283
 Thomas, A. 357, 372
 Thomassen, L. E326
 Tikvica Luetic, A. E350
 Timmerman, D. 33
 Timor-Tritsch, I. 175
 Ting, Z. E250
 Toellner, T. 366
 Tombesi, P. E355
 Tomic, D. E210
 Tomsin, K. E119
 Tong, C. S. 463
 Torka, E. E263
 Torp-Pedersen, S. E166
 Tranquart, F. S31
 Trappe, H.-J. 455
 Treusch, K. A. 455
 Tsai, S.-H. 447
 Tserotas, P. 60
 Tung, H.-J. 447
 Tutschek, B. 236, E16
 Tzadikevitch-Geffen, K. E1, E25

U

Uhl, W. E196
 Uldry, Emilie 113
 Uller, W. 170
 Ulrich, D. E108
 Ulrich, N. H.-B. E306
 Unger, E. E313
 Uthoff, H. E256

V

Valentin, L. E31
 Valentino, M. 416
 van Buuren, F. 455
 Vasilj, A. 170
 Veit, I. 245
 Vetter, M. 160
 Viaccoz, A. E357
 Vogel, M. E38, E51
 Voigt, F. E62
 von Kaisenberg, C. 593
 Vyskocil, E. E313

W

Wadsack, C. E108
 Waje-Andreassen, U. E326
 Wakefield, R. J. E173
 Waldner, M. J. 164
 Wallwiener, D. 270, 337, 366
 Wang, H.-H. E158
 Wang, L. E218
 Wang, S. E241
 Wang, Z. E218
 Wedemeyer, P. 372
 Weichert, J. E51, E75
 Weissmann-Brenner, A. E1, E25
 Weisz, B. E1, E25
 Wellek, S. 258, E80
 Wertaschnigg, D. 245, E46
 Weskott, H. P. 33

Wessel, L. 185
 Weyrich, P. 141
 Widriani, E. E38
 Wiese, M. E196
 Wiggermann, P. 170
 Willruth, A. M. 251, E114, E293
 Winkelmann, A. 337
 Wojta, J. E313
 Wolter, S. 289
 Wu, X. E299
 Wu, Y.-C. E158

X

Xu, H. E218, E299
 Xu, H.-X. E241
 Xu, K. E299
 Xu-Qi, H. E250

Y

Yazdi, B. 480, E57, E62
 Yoon, J. H. E145, E186
 Yu, C.-P. 447
 Yu, J.-C. 447
 Yu, T. 275
 Yuen, E. H. 463

Z

Zajicek, M. E1, E25
 Zayat, A. E173
 Zeitler, K. 581, 581
 Zhang, Y. 275, E218
 Zhang, Y.-F. E241
 Zhong-Zhen, S. E250
 Zhu, J. E218
 Zimmermann, N. E151
 Zoller, W. G. E191
 Zwirner, K. 141
 Ødegaard, S. E225