PUBLIKATIONEN

PROF. DR. THORSTEN JOHNSON

STAND 02/2015

Überblick

nicht gelistet:

3 Leitartikel

10 Buchkapitel

133 wissenschaftliche Kongressvorträge
21 davon Refresher Courses / Special Focus Sessions / Satelliten-Symposia
8 davon wissenschaftliche Poster

107 eingeladene Vorträge

Wichtigste Publikationen

1. Material differentiation by dual energy CT: initial experience
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2. Dual Energy CT in Clinical Practice
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3. Saving Dose in Triple-Rule-Out CT Examination Using a High Pitch Dual Spiral Technique
Sommer WH, Schenzle JC, Becker CR, Nikolaou K, Graser A, Michalski G, Neumaier K, Reiser MF, Johnson TR.
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4. ECG-Gated 64-MDCT Angiography in the Differential Diagnosis of Acute Chest Pain
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5. Pulmonary Ventilation and Perfusion Imaging with Dual- Energy CT
Thieme SF, Graute V, Nikolaou K, Maxien D, Reiser MF, Hacker M, Johnson TR.
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6. Metal Artifact Reduction by Dual Energy Computed Tomography Using Monoenergetic Extrapolation.
Bamberg F, Dierks A, Nikolaou K, Reiser MF, Becker CR, Johnson TRC.
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7. Dual Energy CT of the chest – How about the Dose?
Schenzle JC, Sommer WH, Neumaier K, Michalski G, Lechel U, Nikolaou K, Becker CR, Reiser MF, Johnson TR.
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8. Systolic Acquisition of Coronary Dual-Source Computed Tomography Angiography – Feasibility in an Unselected Patient Population
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9. Dual Source CT Cardiac Imaging: Initial Experience
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Predictive value of the velocity of collateral filling in patients with acute ischemic stroke.
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Assessing Pulmonary Perfusion in Emphysema
Automated Quantification of Perfused Blood Volume in Dual-Energy CTPA
Felix G. Meinel, MD,* Anita Graef,* Sven F. Thieme, MD,* Fabian Bamberg, MD, MPH,* Florian Schwarz, MD,* Wieland H. Sommer, MD,* Andreas D. Helck, MD,* Claus Neurohr, MD,Þ Maximilian F. Reiser, MD,* and Thorsten R.C. Johnson, MD*
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Dual Energy CT for the Evaluation of Silicone Breast Implants
Thorsten R.C. Johnson[1], Isabelle Himsl[2], Karin Hellerhoff[1], Doris Mayr[3], Dorothea Rjosk-Dendorfer[1], Nina Ditsch[2], Bernhard Krauss[4], Klaus Friese[2], Maximilian F. Reiser[1], Miriam S. Lenhard[2]
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Single-phase Dual Energy CT allows for Characterization of Renal Masses as Benign or Malignant
Anno Graser, M.D.; Christoph R Becker, M.D.; Michael Staehler, M.D.; Dirk A Clevert, M.D.; Michael Macari, M.D.; Niko Arndt; Konstantin Nikolaou, M.D.; Wieland Sommer, M.D.; Christian Stief, M.D.; Maximilian F Reiser, M.D.; Thorsten R Johnson, M.D.
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Dual Energy CT of the chest – How about the Dose?
Jan C. Schenzle*1, Wieland H. Sommer MD*1, Klement Neumaier2, Gisela Michalski2, Ursula Lechel3, Konstantin Nikolaou MD1, Christoph R. Becker MD1, Maximilian F. Reiser MD1, Thorsten R.C. Johnson MD1
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Saving Dose in Triple-Rule-Out CT Examination Using a High Pitch Dual Spiral Technique
Wieland H. Sommer, M.D.1,*; Jan C. Schenzle 1,*; Christoph R. Becker, M.D. 1; Konstantin Nikolaou, M.D. 1; Anno Graser, M.D.; Gisela Michalski2; Klement Neumaier2; Maximilian F. Reiser, M.D. 1; Thorsten R.C. Johnson, M.D. 1
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Image quality of virtual non-contrast images derived from Dual Energy CT angiography after endovascular aneurysm repair
Wieland H. Sommer, M.D.1,*; Anno Graser1,*; Christoph R. Becker, M.D. 1; Dirk A. Clevert1; Maximilian F. Reiser, M.D. 1; Konstantin Nikolaou, M.D. 1, Thorsten R.C. Johnson, M.D. 1,
*These two authors contributed equally to this study and the manuscript.
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Fabian Bamberg, MD MPH1*, Wieland H. Sommer, MD1*; Jan C. Schenzle, BS1; Christoph R. Becker, MD1; Konstantin Nikolaou, MD1; Bernd J. Wintersperger, MD1; Carsten Rist, MD1, Maximilian F. Reiser, MD1; Thorsten R.C. Johnson, MD1
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Adequate image quality with reduced radiation dose in prospectively triggered coronary CTA compared with retrospective techniques
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Sven F. Thieme1, Thorsten R. C. Johnson1, Christopher Lee2, Justin McWilliams3, Christoph R. Becker1, Maximilian F. Reiser1, Konstantin Nikolaou1
S. F. Thieme and T. R. C. Johnson contributed equally to this article.
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2 Department of Radiology, University of California, Los Angeles, CA.
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Pelvimetry revisited: Analyzing cephalopelvic disproportion
Miriam S. LENHARD, MD1, Thorsten R.C. JOHNSON, MD*2, Sabine WECKBACH, MD2, Konstantin NIKOLAOU, MD2, Klaus FRIESE, MD1, Uwe HASBARGEN, MD1
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Eur J Radiol. 2010 Jun;74(3):e107-11.
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Cervical and Cranial Computed Tomographic Angiography With Automated Bone Removal: Dual Energy Computed Tomography Versus Standard Computed Tomography
Dominik Morhard, MD, Christian Fink, MD, Anno Graser, MD, Maximilian F. Reiser, MD, Christoph Becker, MD, and Thorsten R. C. Johnson, MD
Department of Clinical Radiology, University of Munich, Germany
Invest Radiol. 2009 May;44(5):293-7.
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The Value of Dual-Energy Bone Removal in Maximum Intensity Projections of Lower Extremity Computed Tomography Angiography.
Sommer WH,* Johnson TR,* Becker CR, Arnoldi E, Kramer H, Reiser MF, Nikolaou K.
From the Department of Clinical Radiology, University Hospitals-Grosshadern, Ludwig-Maximilians University, Munich, Germany.
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Unilateral pulmonary artery agenesis: Non invasive Diagnosis with Dual-Source Computed Tomography
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An unusual breast tumor
T.R.C. Johnson[1] · M.S. Lenhard[2] · M. Weidinger[3] · M. Nicolaus[3] · D. Mayr[4] · M.F. Reiser[1] · K. Hellerhoff[1]
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3 Medizinische Klinik II
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Klinikum Großhadern der Ludwig-Maximilians-Universität, München
Radiologe. 2009 Oct;49(10):942-5.
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Non-Invasive Coronary Angiography using Dual-Source Computed Tomography in Patients with Atrial Fibrillation
Carsten Rist[1]*, Thorsten R. Johnson[1]*, Jens Müller-Starck[1], Elisabeth Arnoldi[1], Tobias Saam[1], Alexander Becker[2], Alexander W. Leber[2], Bernd J. Wintersperger[1], Christoph R. Becker[1], Maximilian F. Reiser[1], Konstantin Nikolaou[1]
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Invest Radiol 2009; 44(3):159-167
IF 5.289

Adult presentation of combined unilateral atresia of the right proximal pulmonary artery and left patent ductus arteriosus: Case report and embryological considerations

Marcus-André Deutsch[a], Sven F. Thieme[b], Martin Hinterseer[a], Thorsten R.C. Johnson[b], Achim Pfosser[a], Bruno Reichart[c], Konstantin Nikolaou[b], Jürgen Behr[a]
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Int J Cardiol. 2010 May 14;141(1):e4-7.
IF 3.121

Dual energy CT: preliminary observations and potential clinical applications in the abdomen
Anno Graser[1], Thorsten R. C. Johnson[1], Hersh Chandarana[2], Michael Macari[2]
1 Department of Clinical Radiology, University of Munich – Grosshadern Campus,
2 Department of Radiology, New York University Medical Center
Eur Radiol 2009 Jan;19(1):13-23
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Dual energy CT for the assessment of lung perfusion—Correlation to scintigraphy
Sven F. Thieme[a], Christoph R. Becker[a], Marcus Hacker[b], Konstantin Nikolaou[a], Maximilian F. Reiser[a], Thorsten R.C. Johnson[a,*]
a Department of Clinical Radiology, Ludwig-Maximilians-University of Munich, Germany
b Department of Nuclear Medicine, Ludwig-Maximilians-University of Munich, Germany
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IF 2.339

Dual-Energy CT Angiography of the Lung in Patients with suspected Pulmonary Embolism: Initial results
C. Fink[1], T.R. Johnson[2], H.J. Michaely[1], D. Morhard[2], C. Becker[2], M. Reiser[2], K. Nikolaou[2]
1 Institut für Klinische Radiologie und Nuklearmedizin, Medizinische Fakultät Mannheim der Universität Heidelberg
2 Institut für Klinische Radiologie, Klinikum Großhadern der Universität München
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PET-CT in recurrent ovarian cancer: impact on treatment planning.
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Impact of MDCT on the Management of Cardiovascular Diseases
New applications for noninvasive cardiac imaging: dual-source computed tomography
Carsten Rist, Thorsten R. Johnson, Christoph R. Becker, Maximilian F. Reiser, Konstantin Nikolaou
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Dual Energy CT Characterization of Urinary Calculi: Initial in vitro and Clinical Experience

Anno Graser[1]*, Thorsten R. C. Johnson[1]*, Markus Bader[2], Michael Staehler[2], Nicolas Haseke[2], Konstantin Nikolaou[1], Christian G. Stief[2], Maximilian F. Reiser[1], and Christoph R. Becker[1]
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Invest Radiol 2008;43: 112–119
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Predictive value of PET-CT imaging versus AGO-scoring in patients planned for cytoreductive surgery in recurrent ovarian cancer.
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Optimization of Cardiac MSCT Contrast Injection Protocols: Dependency of the Main Bolus Contrast Density on Test Bolus Parameters and Patients' Body Weight
Carsten Rist, Christoph R. Becker, Miles A. Kirchin, Thorsten R. Johnson, Stefanie Busch, Kyongtae Ty Bae, Alexander W. Leber, Maximilian F. Reiser, Konstantin Nikolaou
Acad Radiol 2008; 15:49–57
IF 2.021

Dual Source CT for Chest Pain Assessment
Thorsten R.C. Johnson[1], Konstantin Nikolaou[1], Alexander Becker[2], Alexander W. Leber[2], Carsten Rist[1], Bernd J. Wintersperger[1], Maximilian F. Reiser[1], Christoph R. Becker[1]
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Eur Radiol. 2008 Apr;18(4):773-80
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Diagnostic Accuracy of Dual-Source Computed Tomography in the Diagnosis of Coronary Artery Disease
Thorsten R Johnson, MD; Konstantin Nikolaou, MD; Stephanie Busch, MD; Alexander W Leber, MD; Alexander Becker, MD; Bernd J Wintersperger, MD; Carsten Rist, MD; Andreas Knez, MD, PhD; Maximilian F Reiser, MD, PhD; Christoph R Becker, MD, PhD
Invest Radiol. 2007 Oct; 42(10):684-691
IF 5.289

Quantitative assessment of left ventricular function with Dual Source CT in comparison to Cardiac Magnetic Resonance Imaging: Initial findings
Busch S, MD*, Johnson TRC, MD*, Wintersperger BJ, MD, Minaifar N, MD, Bhargava A, MD, Rist C, MD, Reiser MF, MD, Becker C, MD, Nikolaou K, MD
Department of Clinical Radiology, University of Munich
* S. Busch and T. Johnson contributed equally to this study
Eur Radiol. 2008 Mar;18(3):570-5.
IF 3.651

Dual Energy CT - Molecular Imaging of Gout
Johnson T[1], Weckbach S[1], Kellner H[2], Reiser M[1], Becker C[1].
1 University of Munich, Department of Clinical Radiology

2 Neuwittelsbach Hospital, Department of Rheumatology
Arthritis & Rheumatism, 2007 Jul 30;56(8):2809
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Diagnostic Accuracy of Dual Source Multi Slice CT- Coronary Angiography in Patients with an Intermediate Pretest Likelihood for coronary artery disease.
A.W. Leber*, T.R.C. Johnson*, C.R. Becker, K. Nikolaou, M.F. Reiser, F. von Ziegler, A. Becker, A. Knez
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Evaluation of Left Atrial Myxoma by Dual Source CT
T.R.C. Johnson, D-A. Clevert, S. Busch, M. Schweyer, K. Nikolaou, M.F. Reiser, C.R. Becker
Cardiovasc Intervent Radiol. 2007 Sep;30(5):1085-1086.
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Limitations of the Impact factor
Miriam S. Lenhard, Thorsten R.C. Johnson
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Contrast Enhanced Ultrasound and Dual Source CT of Left Atrial Myxoma
D.-A. Clevert[1], M. Schweyer[1], T. Johnson[1], S. Busch[1], S. Eifert[2], C. Vicol[2], C. Becker[1], M. Reiser[1]
1 Department of Clinical Radiology, University of Munich-Grosshadern Campus, Munich,
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Ultraschall Med 2007; 28: 1–4
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