



Authors' Index

Authors' Index

A

Abbattista T., Ridolfi F., Brunelli E., Busilacchi P.
Haemodynamic changes occurring in liver cirrhosis: evaluation by a contrast-enhanced ultrasound dedicated software and potentially clinical applications (SS 1601a), B-613

AbdulQadhr G., Molin D., Åström G., Suurküla M., Johansson L., Ahlström H.
Effect of size criteria on the diagnosis of malignant lymph nodes in lymphomas: comparing whole-body MRI including DWI with FDG-PET/CT (SS 1206), B-559

Abro J.A., Sweeney R.E., Schoepf U., Gebregziabher M., Costello P.
Prognostic value of stenosis severity and atherosclerotic plaque burden at coronary CT angiography for major adverse cardiac events (MACE): a population-based outcome study (SS 1203), B-494

Acid S., Le Coroller T., Aswad R., Maurel B., Pauly V., Champsaur P.
Preoperative evaluation of anterior shoulder instability: comparison of MR arthrography and CT arthrography with arthroscopic correlation (SS 1210), B-565

Adams J.E.
Metabolic bone diseases: C. Rickets, osteomalacia, hyperparathyroidism and renal osteodystrophy (RC 610), A-151

Adamsbaum C., Rey-Salmon C.
Child abuse: right images, right behaviour, right words: Imaging strategies to fully determine intracranial injury resulting from child abuse (SF 2), A-037

Aigner F., De Zordo T., Junker D., Mikuz G., Pinggera G., Steiner H., Jaschke W., Pallwein L., Frauscher F.
Realtime-sonoelastography for evaluation of testicular masses: a retrospective analysis (SS 1607), B-662

Aime S.
Quantum leaps in MRI: teslas, pulses, tracers: Will new MR contrast probes compete with PET? (NH 3), A-105

Aime S.
Visualisation of cell therapy meets clinical application: ENCITE - a translational approach for novel cell therapy applications (ENCITE), A-341

Akata D.
Gynaecologic emergency and its mimics: C. Emergencies of non-gynaecologic origin (RC 307), A-091

Akata D.
Palpable abdominal mass: A. Clinical considerations (CC 1018), A-252

Akhlaghpour S., Fatehi M., Aziz Ahari A., Amoui M., Tolooee S., Poorbeigi H., Sheibani S.
Interventional radiology: from scratch to innovation: Radiochemoembolisation of hepatic metastases (EM 4), A-351

Akhlaghpour S., Aziz Ahari A.
Chorionic villus sampling and marked membrane separation (SS 1709), B-765

Alcolado Jaramillo A.B., Gonzalez Mirelis J., Cavero Guibanel M.A., Pastrana Ledesma M.A., Garcia Pavia P.

Does myocardial mass influence in the presence of myocardial fibrosis? Does it have prognostic implications? (SS 403a), B-201

Alconchel A., Pablo L., Alconchel J.J., Seral P., Remírez J.

Role of ocular Doppler ultrasonography in primary open-angle glaucoma (SS 108), B-084

Aldhafeeri F., Alghamdi J., Sluming V.

Functional MRI of regional brain responses to pleasant and unpleasant IAPS pictures: different networks (SS 1211), B-519

Alejandre Lafont E., Krompiec C., Rau W.S., Krombach G.

Effectiveness of therapeutic lymphography on lymphatic leakage (SS 1609), B-640

Alemany M., Bertomeu M., Trampal C.

Could tumoral lesion depiction with morphological imaging techniques (CT and MRI) be improved in contrast to FDG-PET-CT? A retrospective analysis (SS 106), B-114

Alessandrino F., Alessi S., Dellabianca C., Arici V., Perotti C., Calliada F.

Contrast-enhanced ultrasound (CEUS) to assess the perfusion of patients with peripheral arterial disease (PAD) treated with endothelial progenitor cells (EPCs) (SS 1606), B-703

Alic L., van Vliet M., van Dijke C.F., Eggermont A., Niessen W., Veenland J.F.

Heterogeneity in DCE-MRI maps: a biomarker for tumour response? (SS 1206), B-556

Alison M., Tilea B., Azoulay R., Sebag G.

Common musculoskeletal disorders: how to avoid the traps! C. Bone and joint infection and inflammation: pearls and pitfalls (E³ 620b), A-154

Allen G.M.

Sports injuries: US or MRI?: Chairman's introduction (RC 1110), A-309

Altenbernd J., Heusner T., Ladd S., Ringelstein A., Forsting M., Antoch G.

Dual energy computertomography in the evaluation of pulmonary nodules (SS 404), B-144

Alvarez-Linera J.

Radiology and nuclear medicine: really a joint venture: Alzheimer's disease: the role of radiology (PC 2), A-058

Amacker N.A., Mader C., Leschka S., Frauenfelder T.

Significant dose reduction with preservation of diagnostic image quality: 128-row high pitch dual source CT (SS 1713), B-854

Amato M., Larici A.R., del Ciello A., Silvestri R., Occhipinti M., Franchi P., Contegiacomo A., Bonomo L.

Inspiratory and expiratory MDCT (multidetector computed tomography) scans: automatic airways analysis in patients with chronic obstructive pulmonary disease (COPD) (SS 504), B-279

Ames V., Foreman J., Wallis M.G.

Male breast disease: optimising patient investigation (SS 1702), B-801

Amet S., Choukroun G., Launay-Vacher V., Francès C., Castot A., Deray G., Clement O.
Prevalence of nephrogenic systemic fibrosis in dialysis patients: the Pro-FINEST study (SS 406), B-230

Andreu J.

Dyspnea: C. Interactive case discussion (CC 718), A-192

Andreu J.

Common radiological problems: cardiovascular: A. Looking at the heart in chest x-rays (E³ 1320), A-365

Angus J.-R.

Changing radiology teaching within the undergraduate curriculum in a single centre within the United Kingdom (SS MS 3)

Anik Y., Temel O., Demirci A., Efendi H., Sakci Z., Gumustas S.

Diffusion tensor weighted MRI of optic nerve in MS patients (SS 1211), B-515

Antoch G.

Whole-body staging with contrast-enhanced PET-CT (SY 10), D-20

Antoch G.

Basics you should know: C. Metabolic imaging using PET/CT (MC 222), A-045

Anzidei M., Napoli A., Cavallo Marincola B., Di Mare L., Cartocci G., Catalano C., Passariello R.

MR angiography of the peripheral arteries with gadobenate dimeglumine: comparison of image quality and diagnostic accuracy of a standard dose at 1.5 T versus a low dose at 3 T (SS 515), B-343

Apitzsch J.C., Schott F., Goerg F., Kraemer N.A., Plumhans C., Weibrech M., Pfister D., Braunschweig T., Kuhl C.K.

The diagnostic value of direction information from diffusion tensor imaging of the prostate (SS 105), B-128

Apprich S.R., Siebenrock K., Bittersohl B., Beck M., Werlen S., Mamisch T.C.
Delayed gadolinium-enhanced magnetic resonance imaging of cartilage (dGERMIC) in femoroacetabular impingement (SS 810), B-378

Argirò R., d'Adamo E.A., Sacconi B., Conte D., Sandolo F., Bezzi M., Cortesi E., Passariello R.
Gemcitabine-induced lung toxicity: the role of HRCT (SS 504), B-277

Argyropoulou M.I.

Child abuse: right images, right behaviour, right words: Chairman's introduction (SF 2), A-035

Argyropoulou M.I.

Paediatric neuroimaging: let's make it simple! C. CNS infection and inflammation: signs you should not miss (E³ 720), A-205

Aribal E.

Update in BI-RADS: A. Mammography (RC 1302), A-387

Arita J., Takahashi M., Hata S., Shindoh J., Aoki T., Beck Y., Sugawara Y., Hasegawa K., Kokudo N.

Differential diagnosis among indeterminate lesions in patients undergoing surgery for hepatocellular carcinoma using combination of Gd-EOB-DTPA-MRI and contrast-enhanced intraoperative ultrasound using Sonazoid (SS 101a), B-002

Authors' Index

Arnoldi E.M., Schoepf U., Rosenblum M., Zwerner P.L., Goldenberg R., Reiser M.F., Thilo C.
Computer-aided detection of coronary artery stenosis at computed tomography angiography: effect on performance of readers with different experience levels (SS 403b), B-238

Astrakas L.
Advanced brain imaging: B. MR spectroscopy (RC 712), A-229

Avni F.E.
Genitourinary problems: common daily practice: B. Urinary tract dilatation: what should be done, to whom and when? (E³ 320b), A-093

Aydin H.
Tendon and ligament injuries of the ankle and foot: the role of diffusion weighted MR imaging in the diagnosis (SS 810), B-374

Aydin H.
The role of proton-MR-spectroscopy and apparent diffusion coefficient values in the diagnosis of malignant thyroid nodules: preliminary results (SS 1708), B-818

Aydingoz U.
Sports injuries: US or MRI?: C. Muscle and tendon by MRI (RC 1110), A-312

Azevedo K.B., Abrantes A.F.C.L., Ribeiro L.P.V., Almeida R.P.P., Silva C.A.
Effect of informed consent for administration of intravenous contrast material in the anxiety level of patients submitted to computed tomography exams (SS 814), B-443

B

Ba-Ssalamah A.
GI tumours: Radiology perspective (WS 4a), A-012

Baali A., Moreno R., Chau M., Rousseau H., Nicoud F.
Patient-specific left ventricular function and biomechanical parameters from cardiac CT imaging (SS 803), B-414

Baer M., Kachelrieß M.
Dose reduction by on-line tube voltage modulation (TVM) in clinical cone-beam CT (SS 1213), B-584

Bajic D., Moreira N.C., Wikström J., Raininko R.
Asymmetric hippocampal development is common: a foetal magnetic resonance study (SS 1711), B-831

Bakic P.R.
Advances in technology for breast imaging: Breast tomosynthesis (EF 1), A-214

Bakic P.R.
Simulations make us understand x-ray imaging: B. Monte Carlo simulations of virtual patients (anthropomorphic phantoms) (RC 1513), A-495

Balériaux D.
Focal neurological disorders: A. Clinical considerations (CC 1418), A-411

Balleyguier C.S., Canale S., Zareski E., Bidault F., Boulet B., Delaloge S., Aboud G., Boyer B., Dromain C.
Breast MRI today: A. How to set up a high quality breast MRI unit (RC 602), A-159

Balleyguier C.S.
Strain imaging and automated ultrasound in the breast (SY 22), D-42

Baltzer P.A.T., Dietzel M., Kaiser W.A.
Evaluation of the treated breast and follow-up: B. Evaluation of response to neoadjuvant chemotherapy (RC 1402), A-433

Baltzer P.A.T., Dietzel M., Kaiser W.A.
Assessment of perifocal oedema in MR-mammography: a systematic comparison of two pulse sequences using visual grading characteristics analysis (SS 502), B-319

Baltzer P.A.T., Benndorf M., Schelhorn J., Dietzel M., Kaiser W.A.
Diffusion weighted imaging of liver lesions: is there an influence of Gd-EOB-DTPA on lesion contrast and apparent diffusion coefficient (ADC) values? (SS 1201a), B-487

Baltzer P.A.T., Dietzel M., Kaiser W.A.
Combination of multiparametric data from computer-assisted analysis of dynamic enhancement features in MR-mammography: a comparison of artificial neural networks, logistic regression, classification and regression trees and k-nearest neighbour analysis for differential diagnosis of breast lesions (SS 1605), B-642

Baltzer P.A.T., Dietzel M., Zoubi R., Gajda M., Runnebaum I.B., Kaiser W.A.
Potential of MR-mammography to predict survival in breast cancer patients: systematic approach using survival time analysis and computer-assisted diagnosis for quantitative assessment of tumour vasculature (SS 1605), B-643

Baltzer P.A., Dietzel M., Dietzel A., Gröschel T., Zoubi R., Bogdan M., Kaiser W.A.
Development and testing of an artificial neural network for the non-invasive differentiation of papillomas and fibroadenomas based on breast MRI characteristics (SS 1605), B-644

Baltzer P.A.T., Schelhorn J., Benndorf M., Dietzel M., Kaiser W.A.
Noninvasive risk stratification of breast cancer: can magnetic resonance spectroscopy of index lesions predict lymph node status of primary breast cancer? (SS 1602), B-679

Baltzer P.A.T., Halder J., Dietzel M., Kaiser W.A.
Diffusion weighted imaging of the breast: apparent diffusion coefficient (ADC) reflects grading of invasive breast cancer (SS 1602), B-680

Bamberg F., Sommer W., Hoffmann V., Nikolaou K., Reiser M.F., Hoffmann U., Becker C.
Long-term predictive value of assessment of coronary atherosclerosis by contrast-enhanced coronary computed tomography angiography: meta-analysis and systematic review (SS 403b), B-232

Bamberg F., Becker A., Bauner K., Schwarz F., Marcus R., Johnson T., Reiser M.F., Sommer W., Nikolaou K.
Diagnostic accuracy of CT-based dynamic adenosine-mediated myocardial perfusion imaging for the detection of hemodynamically relevant coronary artery stenosis (SS 803), B-411

Bamberg F., Schwarz F., Sandner T., Wintersperger B., Hinkel R., Baloch E., Becker A., Reiser M.F., Nikolaou K.
Accuracy of dynamic CT-based adenosine stress myocardial perfusion imaging to estimate myocardial blood flow in a porcine animal model with various degrees of coronary artery stenosis (SS 1603), B-695

Bamberg F., Augart D., Eftimov L., Morhard D., Neumaier K., Johnson T., Graser A., Reiser M.F., Becker H.
Radiation exposure and image quality of CT brain images acquired with organ based tube current modulation and iterative reconstruction (SS 1611), B-711

Bankier A.A.
CT angiography of the chest beyond aorta: B. CT angiography of large vessel vasculitis (RC 1104), A-327

Banko B., Milovanovic J., Kratovac-Dunjic M., Lilic G., Milenkovic R., Stosic-Opincal T., Maksimovic R.
Diagnostic significance of magnetic resonance imaging in preoperative evaluation of patients with laryngeal tumours (SS 408), B-195

Bannas P., Derlin T., Klutmann S., Mester J., Adam G., Clausen M., Weber C.
Evaluation and comparison of vascular ¹⁸F-sodium fluoride uptake and arterial wall calcifications using PET/CT (SS 815), B-467

Baranes L., Tran-Van-Nhieu J., Zucman-Rossi J., Laurent A., Pigneur F., Djabbari M., Rahmouni A., Cherqui D., Luciani A.
Value of MRI for the diagnosis of benign liver tumours: correlation of updated MRI criteria with histo-molecular analysis of resected specimens (SS 1701), B-850

Barentsz J.O.
Essentials in oncologic imaging: what radiologists need to know (part 3): C. Prostate cancer (MC 1325), A-401

Barentsz J.O.
MRI in prostate cancer: C. New frontiers in imaging of the prostate (RC 1407), A-423

Bargellini I.
RF ablation beyond the liver: C. RF ablation in the chest (RC 609), A-148

Bargellini I., Ciccarelli A., Battaglia V., Parentini B., Carrari P., Cioni R., Filipponi F., Bartolozzi C.
Tumour response to transarterial chemoembolisation in hepatocellular carcinoma: are the amended RECIST criteria reliable? (SS 409), B-153

Barile A.
The knee: A. How I do it (CC 616), A-143

Barkhausen J.
Digital 3D breast tomosynthesis and its emerging role in breast cancer diagnosis (SY 1), D-03

Barkhof F.
Can we predict premature ageing?: Brain ageing/dementia (SF 11), A-323

Barneveld Binkhuysen F.H., Ranschaert E.R.
Image sharing: A. Image data beyond radiology: new techniques (RC 1805), A-536

Authors' Index

Baron R.L.

Wilhelm Conrad Röntgen - Honorary Lecture:
Detecting liver tumours: the search for the Holy
Grail (HL 3), A-360

Baron R.L.

Essentials in oncologic imaging: what radiologists
need to know (part 3): B. Liver cancers (primary,
metastases) (MC 1325), A-400

Barsi P.

Focal neurological disorders: B. Imaging
techniques and typical findings (CC 1418), A-412

Battaglia V., Bozzi E., Campani D., Bartolozzi C.

Correlation between histologic diagnosis and MR
signal intensity after Gd-EOB-DTPA administration
of nodules detected within cirrhotic explanted
livers: retrospective analysis (SS 1701), B-843

**Bauer J.S., Sidorenko I., Mueller D.,
Issever A.S., Majumdar S., Eckstein F.,
Rummeny E.J., Link T.M., Räth C.W.**

Prediction of bone strength by μ CT and MDCT-
based finite-element-models: how much spatial
resolution do we need? (SS 410), B-180

**Bauer R.W., Kerl J.M., Kramer S., Renker M.,
Lehnert T., Schell B., Jacobi V., Vogl T.J.**

Dose optimisation at dual energy CT pulmonary
angiography: a comparative study (SS 1704),
B-755

**Bauer R.W., Frelesen C., Kerl J.M., Renker M.,
Schoepf U.J., Ackermann H., Jacobi V.,
Vogl T.J.**

Dual energy CT lung perfusion analysis:
correlation of perfusion defect size with
laboratory markers, right heart strain and clinical
outcome (SS 1704), B-759

**Baum T., B. Joseph G., Carballido-Gamio J.,
Nardo L., Alizai H., Nevitt M.C., Lynch J.,
McCulloch C.E., Link T.M.**

MRI-based cartilage T2 measurements and focal
knee lesions correlate with BMI: 36-month follow-
up data from the osteoarthritis initiative (SS 410),
B-172

**Baum T., Müller D., Dobritz M., Rummeny E.J.,
Link T.M., Bauer J.S.**

Can converted BMD values derived from
sagittal reformations of contrast-enhanced
MDCT predict incidental osteoporotic vertebral
fractures? (SS 510), B-263

Baumann T., Schäfer A., Karcz W.K., Langer M.
Time-resolved MRI reveals motility changes after
laparoscopic sleeve gastrectomy (SS 101b),
B-08**Bauner K.U., Biffar A., Theisen D., Greiser A.,
Reiser M.F., Wintersperger B.**

Myocardial T_1 -mapping in chronic myocardial
infarction: unenhanced and contrast-enhanced
MR imaging (SS 103), B-097

Bauner K.U., Sourbron S., Schmitz C.,**Reiser M.F., Huber A.**

Differences in perfusion of malignant and benign
cardiac tumours (SS 403a), B-210

**Bazot M., Stivallet A., Thomassin-Naggara I.,
Darai E., Coudray C., Poncelet E.**

Comparison of 3D and 2D FSE T2-weighted MR
imaging in the diagnosis of pelvic endometriosis:
preliminary results (SS 1707), B-796

Bazzocchi A., Spinnato P., Tchouante P.,

Battista G., Guglielmi G., Albisinni U., Canini R.
A careful evaluation of scout CT lateral
radiograph may prevent unreported vertebral
fractures (SS 510), B-261

**Bazzocchi A., Spinnato P., Fuzzi F., Sassi C.,
Salizzoni E., Battista G., Guglielmi G., Canini R.**
Vertebral fracture assessment: between experts
and young physicians (SS 510), B-262**Beale T.**

Common pains in the head and neck: A. Salivary
colic (RC 1508), A-491

**Beccé F., Jeantroux J., Guérini H.,
Montalvan B., Le Viet D., Drapé J.**

Athletic injuries of the extensor carpi ulnaris
subsheath: MRI findings and utility of gadolinium-
enhanced fat-saturated T1-weighted sequences
with wrist pronation and supination (SS 1210),
B-568

Becker C.D.

Imaging inflammation and function:
C. Management of complications of
pancreatitis (MC 719), A-189

Becker H.

Radiation exposure: Radiology
perspective (WS 1b), A-005

Becker M.

Common pains in the head and neck: C. Painful
swallowing (RC 1508), A-493

Becker-Lienau J., Reiser M.F., Treitl M.

Haemodynamic endpoint definition of directional
atherectomy in the superficial femoral and
popliteal artery by direct intraarterial pressurewire
measurements (SS 809), B-407

Beets-Tan R.G.H.

Rectal cancer imaging: all you need to know:
C. Monitoring therapy and detection of local
recurrence (RC 1501), A-479

Beets-Tan R.G.H., Hoeffel C.

Colorectal cancer: what the radiologist must
report (E³ 1720b), A-504

Beheshti M.

Future aspects: Tracers beyond FDG in daily
routine (WS 6), A-019

Beigelman C.

CT of small airways: elementary images
for disease classification: From pattern to
diagnosis (SF 15b), A-474

Belgour A., Vallet F., Ragot S., Tasu J.

Assessment of left ventricular diastolic function by
multislice spiral computed tomography (SS 803),
B-415

Belli A.

Non-traumatic acute aortic dissection and
malperfusion syndromes: Chairman's
introduction (RC 615), A-176

Belli A.

Professional issues in interventional radiology:
education, training and standards: Education and
training in IR (PC 7), A-211

Bellin M.

CTU and MRU: urinary tract imaging: B. Chronic/
intermittent obstruction (RC 707), A-197

Belsan T., Profantova N., Mara M.

Signal of uterine fibroids on T2W MR images as a
predictive value of tumour volume reduction after
intraarterial embolisation (SS 107), B-066

Bérczi V.

Non-traumatic acute aortic dissection and
malperfusion syndromes: A. Predisposing
factors for developing non-traumatic acute aortic
dissections (RC 615), A-177

Beregi J.

The ABC of EVAR: Endovascular treatment of
thoracic aortic aneurysms (SF 3b), A-118

Berger F.

Tumour evaluation: beyond morphology: B. CT
and MRI perfusion (RC 701), A-208

Berndorf M.

Intuitive updating of post-test probabilities
in the light of new evidence: application and
pitfall (SS MS 1)

**Bernhardt P., Gradinger R., Walcher T.,
Spieß J., Walcher D., Rottbauer W.**

An intra-patient comparison of 3 Tesla and 1.5
Tesla in CMR for detection of coronary artery
disease (SS 103), B-091

Bertollo M.

Imaging of the scrotum and penis: C. Imaging of
the penis (RC 1007), A-260

**Bertollo M., Serafini G., Sconfienza L.M.,
Cavallaro M., Lacelli F., Cova M.A.**

Vitreoretinal disorders: preliminary evaluation at
CEUS (SS 108), B-081

**Besostri V., Ippolito D., Crivellaro M.,
Pogliani E., Di Lelio A., Sironi S.**

Whole-body low-dose computed tomography
(WBLDCT) in staging of patients with multiple
myeloma (SS 110), B-055

**Besutti G., Ligabue G., Nocetti L., Fiocchi F.,
Stentarelli C., Mucci A., Loria P., Guaraldi G.,
Torricelli P.**

Multiecho MR sequences and high-resolution
magic angle spinning (HR-MAS) ex-vivo
spectroscopy in the qualitative analysis and
differentiation between steatohepatitis and
steatosis (SS 1601a), B-615

**Besutti G., Ligabue G., Nocetti L.,
Stentarelli C., Righi V., Loria P., Guaraldi G.,
Torricelli P., Zona S.**

Comparison of different in-vivo MR techniques
and extracorporeal ex-vivo spectroscopy (HR-
MAS) in the quantitative assessment of liver
steatosis (SS 1601a), B-617

Beyer T.

Instrumentation and technique: Nuclear medicine
perspective (WS 1a), A-004

Bhalla M., Bhalla N.

Concomitant use of endovenous laser and
foamed sclerosant for treatment of lower limb
varicosities (SS 1609), B-638

**Bhatnagar P., Martin J., Goldstone A.,
Chowdhury F.U., Dyker K., Sen M.,
Scarsbrook A.F.**

Clinical impact of FDG PET-CT on management
decisions in patients with head and neck
tumours (SS 408), B-194

Authors' Index

Bierry G., Lefevre S., Ruimy D., Jehl F., Neuville A., Dietemann J.

In vivo monitoring of septic arthritis using macrophage MR imaging (SS 1610), B-606

Biesheuvel C., Weigel S., Decker T., Heindel W.

Grade, size and surgical treatment of ductal carcinoma in situ detected by digital mammography screening (SS 402), B-182

Bilbao J.I., Peregrin J.H.

Professional issues in interventional radiology: education, training and standards: Chairmen's introduction (PC 7), A-210

Bilbao J.I.

Transarterial treatment of liver tumours: major advances: Selective internal radiotherapy (SF 18a), A-512

Billing H.

Teleradiology: for better or for worse: Dedicated solutions for specific clinical scenarios (PC 15), A-490

Binkert C.

Venous intervention: A. DVT and prevention of pulmonary emboli (RC 1109), A-306

Bischoff P., Radke P.W., Duschka R.L., Kapsimalakou S., Hollmann S., Kovacs A., Vogt F.M., Barkhausen J., Hunold P.

Septal late gadolinium enhancement at the right ventricular insertions in contrast-enhanced cardiac MRI: prevalence and underlying pathologies (SS 403a), B-208

Bisdas S.

Head and neck including cancer of unknown primary (CUP): Radiology perspective (WS 3a), A-008

Bisdas S.

Head and neck oncology: the three musketeers (CT, MR, PET): State-of-the-art CT/MR/PET as baseline modalities (SF 3d), A-086

Bisdas S., Dimostheni A., Ritz R., Nägele T., Ernemann U.

Estimation of water diffusion and tumour microcirculation in human glioblastomas: repeatability of the applied techniques, effect of the b-values, and relationship between the functional parameters (SS 411), B-216

Blanke P., Pache G., Bulla S., Lang C., Langer M.

Diagnostic accuracy of dual-source computed tomography coronary angiography in patients undergoing evaluation for transcatheter aortic valve implantation (SS 1703), B-823

Bley T.A., Hauenstein C., Reinhard M., Geiger J., Uhl M., Markl M.

Corticosteroid treatment effects on MRI and ultrasonography findings in giant cell (temporal) arteritis (SS 1615), B-688

Bloem J.L.

Bone tumours: Chairman's introduction (RC 1810), A-514

Blomqvist L.C.O.

Rectal cancer imaging: all you need to know: B. Staging with MRI (RC 1501), A-478

Bluekens A.M.J., Karssemeijer N., Broeders M.J.M., den Heeten G.J.

Increased detection of clinically relevant cancers using FFDM in breast cancer service screening: a multi-center study (SS 402), B-181

Blum A.

Imaging metal implants: benefits of digital radiography advanced applications (SY 9), D-12

Bock E., Di Veronica A., Guidi L., Armuzzi A., Danza F.M., Bonomo L., De Franco A.

Contrast-enhanced ultrasound in ileal Crohn's disease: correlation between quantitative parameters and simple endoscopic score for Crohn's disease activity (SS 801c), B-439

Bock M.

High field MRI: Beyond 3T: A. Challenges of high field MR (RC 1113), A-335

Boetes C.

Evaluation of the treated breast and follow-up: A. Evaluation of residual disease after excisional biopsy (RC 1402), A-432

Bol K., Haeck J.C., Alic L., Bernsen M., de Jong M., Niessen W.J., Veenland J.F.

Validation of DCE-MRI parametric maps: developing a tool using 3D-histology (SS 1206), B-560

Bonaffini P.A., Ippolito D., Macchi I., Rossini F., Di Lelio A., Sironi S.

Role of diffusion-weighted whole body MR imaging with background body signal suppression for disease detection and staging in patients with multiple myeloma: preliminary results (SS 110), B-056

Bonaffini P.A., Ippolito D., Meloni F., Leni D., Corso R., Sironi S.

CT-perfusion in HCC patients: evaluation of quantitative map as early predictor of tumour response to radiofrequency ablation and transarterial chemoembolisation treatment (SS 501a), B-253

Bonomo L.

When CT sees both the heart and the lungs: Chairman's introduction (RC 1304), A-379

Boone D.J., Roth H., Hampshire T., McClelland J., Hu M., Taylor S.A., Slabaugh G., Hawkes D., Halligan S.

CT colonography: development and validation of a novel registration algorithm to align prone and supine scans (SS 501b), B-329

Boone D.J., Halligan S., Phillips P., Mallett S., Altman D., Taylor S.A., Gale A., Manning D.

CT colonography: comparison of visual search patterns in experienced and novice readers (SS 501b), B-330

Boone J.M.

Not just Hounsfield numbers: CT aimed at the fifth dimension?: Chairman's introduction (NH 6), A-133

Boraschi P., Donati F., Salemi S., Gigoni R., Bartolozzi C., Falaschi F.

Pancreatic ductal adenocarcinoma versus mass-forming pancreatitis: usefulness of combined diffusion and perfusion MR imaging (SS 401a), B-136

Boraschi P., Donati F., Gigoni R., Salemi S., Filippioni F., Bartolozzi C., Falaschi F.

Ischaemic-type biliary lesions following liver transplantation: usefulness of Gd-EOB-DTPA-enhanced MR cholangiography (SS 406), B-222

Borges A.

Head and neck oncology: the three musketeers (CT, MR, PET): Chairman's introduction (SF 3d), A-085

Boric I.

Highlighted Lectures: Musculoskeletal trauma in children (TF 1), A-180

Bosmans H.

Highlighted Lectures: Plain film criteria: quality of the x-rays (TF 1), A-182

Bosmans H.

Screening and diagnostic breast imaging: QA, image quality and dose in screening with digital mammography (EF 2), A-238

Bottari A., Caloggero S., Mandolfino T., Romeo R., Cassone V., Lamberto S.

Role of dual energy CT angiography in the evaluation of peripheral arteries disease (SS 515), B-346

Bouzian N., Fretellier N., Bruneval P., Daubiné F., Idée J., Corot C.

Clinical and pathological effects of gadodiamide on a new, adenine-sensitised, rat model of nephrogenic systemic fibrosis (SS 406), B-226

Bowtell R.W.

High field MRI: Beyond 3T: C. Is 7T ready for clinical use? (RC 1113), A-337

Bracard S.

Update on brain aneurysms: Introduction to brain aneurysms (RC 1411), A-435

Brader P.

Breast imaging in 2025: The evolving role of the radiologist (NH 10), A-270

Brancatelli G.

Surprise in the liver: C. Interactive case discussion (CC 1118), A-301

Brancatelli G.

The acute abdomen: A. Abdominal hernias (CC 1517), A-454

Breatnach É., Bourguet P.

Radiology and nuclear medicine: really a joint venture: Chairman's introduction (PC 2), A-055

Brehm M., Bergner F., Kachelriess M.

Dose-efficient deformation-constrained 4D cone-beam CT image reconstruction (SS 513), B-367

Brillet E., Josseaume T., Decaux O., Lamy de la Chapelle T., Duvaufier R.

Whole-body MRI with diffusion sequences as a biomarker of MGUS and myeloma (SS 110), B-054

Brkljacic B.

Imaging of the scrotum and penis: A. Acute scrotum (RC 1007), A-258

Brkljacic B.

Female pelvic pain: B. Imaging techniques and typical findings (CC 1518), A-459

Brockmann C.

Abciximab does not prevent ischaemic lesions related to cerebral angiography: a randomised placebo-controlled trial (SS 511a), B-300

Brook O.R., Gourtsoyianni S., Brook A., Wilcox C., Raptopoulos V.

Spectral CT with metal artefacts reduction software (MARS) for improvement of tumour visibility in the vicinity of gold fiducial markers (SS 501a), B-256

Authors' Index

Brown G.

Rectal cancer imaging: all you need to know:
Chairman's introduction (RC 1501), A-476

Bruder H., Raupach R., Sunnegardh J., Flohr T., Stierstorfer K.

Iterative reconstruction in image space
using a raw-data-based non-isotropic noise
model (SS 513), B-361

Bruder H., Raupach R., Sunnegardh J., Stierstorfer K., Flohr T.

Translation of statistical iterative reconstruction
into non-linear image processing (SS 513), B-362

Bryant M.G.H., Ley S., Eberhardt R., Herth F., Heussel C., Kauczor H., Ley-Zaporozhan J.

Assessment of the relationship between
morphological emphysema phenotype and
corresponding pulmonary perfusion pattern on a
segmental level (SS 504), B-278

Buchbender C., Wittsack H., Scherer A., Quentin M., Ostendorf B., Mamisch T.C., Zilkens C., Bittersohl B., Miese F.R.

Impact of motion correction on image quality in
dGEMRIC of finger joints in arthritis (SS 1610),
B-601

Buck A.K.

Lymphoma: Nuclear medicine perspective (WS 5),
A-017

Bulla S., Hassepass F., Blanke P., Kraus T., Langer M., Pache G.

Reducing the radiation dose for low-dose
CT of the paranasal sinuses using iterative
reconstruction: feasibility and image
quality (SS 108), B-088

Burgmans M.C., Lo R.H.G., Tay K.H., Tan B.S., Irani F.G., Khoo L.S., Goh A.S.W., Soo K.C., Chow P.K.H.

Multi-centre phase II study of SIR-spheres
plus Sorafenib in patients with non-resectable
hepatocellular carcinoma. The Asia-Pacific HCC
trials group protocol 05 (AHCC05) (SS 409),
B-152

Burling D.

The 3 P's of CT colonography: polyps,
protocols and politics: Quality, training and
accreditation (SA 3), A-075

Busard M.P.H., Mijatovic V., van Kuijk C., Bleeker M.C.G., Hompes P.G.A., van Waesberghe J.H.T.M.

Evaluation of MR diffusion-weighted imaging in
differentiating endometriosis infiltrating the bowel
from colorectal carcinoma (SS 1201b), B-529

Busard M.P.H., Luchinger A.B., Mijatovic V., Pieters-van den Bos I.C., Cuesta M.A., Bleeker M.C.G., van Kuijk C., Hompes P.G.A., van Waesberghe J.H.T.M.

MR imaging in endometriosis infiltrating the bowel
wall (SS 1707), B-795

Busoni S., Fulcheri C., Belli G., Deroo D., Kimpe T., Gori C.

Results of a new quality assurance visual test for
medical display calibration (SS 1705), B-865

C

**Cabrera M.N., García M., Ortiz L., Lapeña L.,
Ortega A., Rodríguez C., Carreras J.L., Vega M.L.**
The clinical utility of ¹⁸F-FDG PET in the
differentiation of malignant and benign bone lesions
and correlation with morphological changes on CT in
PET-CT studies (SS 106), B-115

Cáceres J.

Interpreting the chest radiograph: basic
concepts (MC 21A), A-023

Cáceres J.

Josef Lissner - Honorary Lecture: The chest
radiograph: a perfect design (HL 1), A-128

Cáceres J.

Lobar collapse (MC 21B), A-132

Cáceres J.

Air-space disease (MC 21C), A-245

Cáceres J.

Rounded lesion(s) (MC 21D), A-361

Cáceres J.

Decreased opacity of the lung(s) (MC 21E), A-501

Cademartiri F., Maffei E.

Thoracic emergencies: triage with MDCT: MDCT
in acute chest pain (SF 14), A-425

Calandrelli R., Gaudino S., Di Lella G.M., Quaglio F.R., Costantini A., Bonomo L., Colosimo C.

Spontaneous modifications of contrast
enhancement in childhood pilocytic astrocytomas:
a new MRI sign? (SS 812), B-477

Calandriello L., Larici A., del Ciello A., Caulo A., Santoro S., Ciresa M., Amato M., Bonomo L.

Volumetry of artificial lung nodules on 64-slice
computed tomography (CT): precision of
automatic vs semiautomatic method (SS 404),
B-146

Calli C.

Focal brain lesions: C. Adult glioma: advanced
neuroimaging for treatment planning (RC 1311),
A-392

Camps Herrero J.

Breast US: A. The role of US in screening,
diagnosis and staging of breast cancer (RC 202),
A-046

Cantin S., Villien M., Moreaud O., Tropres I., Keignart S., Chipon E., Le Bas J., Warnking J., Krainik A.

Impaired cerebral vasoactivity to CO₂ in
Alzheimer disease using BOLD fMRI (SS 1211),
B-512

Cantisani V.

Evaluation of the clinical impact of CEUS in the
treatment of abdominal aneurysm (SY 14), D-30

Cantisani V., Ricci P., Marcantonio A., Marigliano C., Maldur V., Porfiri A., Passariello R.

Tissue echo patterns analysis with acoustic
structure quantification (ASQ): preliminary
experience of new non-invasive method for
staging liver fibrosis in chronic hepatitis (SS 801a),
B-388

Cantisani V., Ricci P., Medvedeieva O.,

Olive M., Di Segni M., Mancuso E., Maggini E.,
Passariello R.

Prospective evaluation of multiparametric
ultrasound and quantitative elastosonography in
the differential diagnosis of benign and malignant
thyroid nodules (SS 1708), B-815

Capraro C., Ippolito D., Guerra L., Di Pisa G.,

Messa C., Sironi S.

Feasibility of CT-perfusion integrated in routine
whole body ce-FDG-PET/CT study in lung cancer:
relationship of perfusion measurements and
glucose metabolism parameters (SS 104), B-021

Capraro C., Ippolito D., Guerra L., Monguzzi L., Messa C., Sironi S.

Value of iodinated contrast administration in
computed tomography exam for staging and
restaging Hodgkin disease: comparison with
18 f-FDG PET/CT (SS 106), B-119

Caramella D.

Teleradiology: for better or for worse: Are we
safeguarding patients' rights? (PC 15), A-488

Caramella D.

Image sharing: Chairman's
introduction (RC 1805), A-535

Carrillo M.C., Patsios D., Wagnetz U., Jameson F., Marras T.

Comparison of the spectrum of the clinical and
radiological manifestations of pulmonary disease
caused by Mycobacterium avium complex (MAC)
and Mycobacterium xenopi (M. xenopi) (SS 1604),
B-629

Carstairs C.

Paracingulate sulcus morphology and
neuropsychological characteristics in people
with a genetic susceptibility to bipolar disorder: a
neuroradiological study emphasising the potential
for prediction of development of psychosis by
radiological methods (SS MS 1)

Caseiro-Alves F.

Essentials in oncologic imaging: what
radiologists need to know (part 2): A. Pancreatic
cancer (MC 1225), A-353

Castañer E.

Common radiological problems: incidental chest
lesions: A. Solitary pulmonary nodule (E³ 1720a),
A-502

Catalano C., Napoli A.

MR guided focused ultrasound (MRgFUS) for
treating oncology patients (SY 17), D-36

Cazejust J.

The trauma patient: C. Solid organ
trauma (RC 209), A-034

Cejna M., Durakovic N., Mathies R., Hofmann W.

Long-term results and cost analysis of an
interdisciplinary approach for the treatment of
critical limb ischaemia (CLI) (SS 809), B-402

Cellina M., De Cobelli F., Giganti F., Losio C., Orsenigo E., Kusamura S., Arcidiacono P., Staudacher C., Del Maschio A.

Preoperative locoregional (T and N) staging of
gastro-oesophageal cancer: magnetic resonance
imaging (MRI) including diffusion weighted
sequences versus endoscopic ultrasound
(EUS) (SS 101b), B-014

Authors' Index

Cellina M., Venturini M., Maffi P., Losio C.,

Gremizzi C., Palmisano A., Fiorina P.,

Secchi A., Del Maschio A.

Liver focal fatty changes at ultrasound (LFFC-US) after percutaneous intraportal islet transplantation in islet-transplant-alone (ITA) and islet-after-kidney (IAK) transplanted patients: an early sign of altered graft function? (SS 801a), B-386

Cellina M., Venturini M., Maffi P., Petrelli A., Fiorina P., Soldati C., Palmisano A., Secchi A., Del Maschio A.

Improved function of circulating angiogenic cells (CACs) is evident at US in islet-transplanted patients (ITA) affected by type 1 diabetes (T1D) (SS 815), B-462

Cerezal L.

The hand and wrist: C. Identifying and reporting abnormal findings (CC 216), A-030

Cevener M., Cira K., Yilmaz S., Sindel T., Karaguzel G., Melikoglu M.

Balloon dilatation for oesophageal strictures: interventional parameters and clinical outcomes in children (SS 1709), B-768

Chakraborty S., Ahmad M.E., Glikstein R., Hogan M., Dowlatshahi D., Stotts G.

Whole brain CT perfusion maps with paradoxical low mean transit time to predict infarct core (SS 511a), B-292

Chalouhi G.E., Alison M., Salomon L.J., Autret G., Thiam R., Balvay D., Ville Y.,

Clément O., Siave N.

Assessment of feto-placental unit oxygenation in an IUGR rat model using BOLD effect in MRI 4.7 T (SS 1707), B-799

Chandelier F.A.R., Stein L.A.

Computer-aided detection systems in CT colonography - mitigating reviewers experiences in emerging radiology groups for cost-effective practices: a case study on the NCIA ACRIN 6664 datasets (SS 105), B-121

Chapman S.

Child abuse: right images, right behaviour, right words: What is the information required by any court and how the radiological reports should be phrased (SF 2), A-038

Chateil J.

Safety first: A. Security and dose with conventional radiology (RC 1312), A-405

Chedia S., Gagua M., Kbilashvili N.

Differentiation between benign and malignant meningiomas using diffusion and perfusion MR imaging (SS 411), B-212

Chellamuthu S., Bansal M., Matthews S.

Review of urgent lung cancer referrals recommended by radiologists reporting chest x-ray (SS 104), B-027

Cheng Z., Wang X., Wu L.

Diagnostic performance of low-dose prospective ECG-triggering dual-source CT angiography compared with conventional x-ray angiography in Kawasaki disease (SS 1212), B-596

Cheng Z., Wang X.

Low dose high-pitch 128-slice dual-source computed tomography for the evaluation of congenital heart disease in infants and children (SS 1703), B-826

Chiti A.

Radiology and nuclear medicine: really a joint venture: Evaluation of tumour response to therapy: the role of nuclear medicine (PC 2), A-057

Chmeissani M., Arce P., Cañadas M.

Novel conceptual PET design based on pixel CdTe detectors (SS 1706), B-773

Cho E.

Feasibility of cerebral CT angiography using lower tube voltage (80 kVp) and moderate-concentration of iodine contrast material: quantitative and qualitative comparison with conventional CT angiography (SS 1611), B-712

Cho K.R., Hwang K.W., Seo B.K., Woo O.H., Lim H.J., Oh Y.W., Park K.H., Lee E.S., Park E.K.

Comparison of MRI and PET-CT scan for evaluation of response to neoadjuvant chemotherapy in patients with locally advanced breast cancer (SS 1202), B-547

Chong V.

Suprahyoid neck: B. Suprahyoid neck lesions in daily clinical practice (RC 708), A-223

Chu Z.

Dual source CT angiographic evaluation of coronary disease in symptomatic type 2 diabetic patients (SS 815), B-461

Chuck N.C., Donati O., Steidle G., Hodler J., Nanz D., Boss A.

Diffusion tensor imaging of the kidneys: influence of b-value and number of encoding directions (SS 1207), B-536

Chun E., Lim S., Choi S., Jin K., Lee Y., Jeon C., Bae Y., Yoo J., Jang H.

Impact of metabolic syndrome on coronary artery stenosis and plaque characteristics assessed by 64-slice multidetector-row cardiac computed tomography (SS 1203), B-499

Churkina S., Fedorova A., Gazhonova V.

The value of endovaginal sonoelastography (EVSE) in emergency gynaecological pathology (SS 107), B-070

Cianci R., Filippone A., Sabatino F., Pace E., Bianco V., Tartaro A., Cotroneo A.R.

Diffusion-weighted MRI for assessment of colorectal metastases: could it substitute Gd-EOB-DTPA-enhanced MRI? (SS 1201a), B-489

Ciet P., Serra G., Bertolo S., Ros M., Assael B., Quattrucci S., Fraioli F., Morana G., Tiddens H.A.W.M.

Comparison of chest-MRI to chest-CT to monitor cystic fibrosis (CF) lung disease (SS 1604), B-625

Cina A., Barone-Adesi L., Rinaldi P., Cipriani A., Santoro S., Salgarello M., Bonomo L.

Planning deep inferior epigastric artery flaps for breast reconstructions: a comparison between CT, MR and colour-Doppler US (SS 1615), B-687

Claudon M.

Tumour evaluation: beyond morphology: A. US and CEUS (RC 701), A-207

Clément O.

Quantum leaps in MRI: teslas, pulses, tracers: Chairman's introduction (NH 3), A-102

Clément O., Dewachter P., Mouton C., Gillaizeau F., Laroche D.

Exploration of immediate hypersensitivity reactions to contrast media: the French multicenter CIRTACI study - final results (SS 1606), B-701

Clevert D.-A., Sommer W., Weckbach S., Reiser M.F.

MS-CT vs contrast-enhanced ultrasound in detection of endoleak following endovascular aneurysm repair (SS 115), B-050

Clevert D.-A., Wöhrle N., Hellerhof K., Reiser M.F.

First experience of an automated breast volume scanner for the identification and diagnosis of breast cancer (SS 102), B-074

Clevert D.-A., Zengel P., Weckbach S., Saam T., Reiser M.F.

Characterisation of neovascularisation in carotid atherosclerotic plaques with contrast-enhanced ultrasound (SS 415), B-246

Clevert D.-A.

Automated image fusion: a new processing approach in clinical use (SY 22), D-43

Cohnen J., Bock H., Schramm P., Knauth M. Pseudoprogression in glioblastoma multiforme after radiation and temozolomide: a retrospective population-based study of 74 patients (SS 111), B-105

Comelli S., Fusaro F., Savio D., Vaudano G.

Circle of Willis single-source dual energy CTA: "metal artefact reduction software" in evaluation of vasospasm and residual aneurysm after endovascular approach for intracranial aneurysms (SS 811), B-452

Copley S.J.

The new faces of pulmonary infection: A. Aspergillosis in the immunocompromised patient (RC 1804), A-525

Cornud F.

MRI in prostate cancer: A. MRI in detection of prostatic cancer (RC 1407), A-421

Cornud F., Eiss D., Barry de Longchamps N. TRUS-MRI image fusion prostate biopsy in patients with no previous biopsy and a PSA level between 4 and 10 ng/ml (SS 507), B-310

Correas J.

Liver and renal 3D conventional and contrast-enhanced US using the iU22 xMatrix system: technical innovation or clinical revolution (SY 13), D-27

Correas J.

The role of fusion imaging in complex biopsy and ablative procedures (SY 17), D-37

Correas J.

Kidney: imaging and intervention: C. Radiofrequency and cryotherapy of renal tumours: techniques, results and complications (RC 1307), A-395

Cotten A.

The ankle and foot: C. Identifying and reporting abnormal findings (CC 716), A-195

Cotten A.

Can we predict premature ageing?: Bone and joint ageing (SF 11), A-324

Coumans J.

Contributions to patient centric MR (SY 2), D-05

Authors' Index

Cowan N.C.

CTU and MRU: urinary tract imaging: C. Tumours:
CTU/MRU (RC 707), A-198

Cowling C., Boyd L., Ward M.D.

Radiography as a profession and a science:
A. Cultural competence in the practice of
radiography: international implications (RC 714),
A-220

Coyle J., Kinsella S., McCarthy S.

McWilliams S., Eustace J., Maher M.M.

Cumulative ionising radiation exposure in
renal replacement therapy patients: a six-year
retrospective analysis (SS 1613), B-727

Crema M.D., Roemer F.W., Wang K.

Felson D.T., Marra M.D., Nevitt M.C., Torner J., Lewis C.E., Guermazi A.

MRI-detected prevalent cartilage damage and
cartilage loss over time predict incident bone
marrow oedema-like lesions at the tibiofemoral
compartments in persons with or at risk for knee
osteoarthritis: the multicenter osteoarthritis
(MOST) study (SS 410), B-171

Crema M.D., Roemer F.W., Englund M.

Wang K., Felson D.T., Nevitt M.C., Marra M.D., Lewis C.E., Guermazi A.

Factors associated with prevalent meniscal
extrusion in persons with or at risk for knee
osteoarthritis: the multicenter osteoarthritis
(MOST) study (SS 410), B-174

Cremers S.E.H., Gryspeerdt S., Lefere P., Houterman S., Slooter G., Verhulst M.L., Cremers P.T.J.

Chronic diverticulitis versus colorectal cancer:
findings on CT colonography (SS 1201b), B-524

Crespo C., Navarro M., Calbo J., Humanes L., Castro M., Pérez L.

Thyroid cysts: their ultrasound worrisome
appearance after evacuation (SS 1708), B-813

Creuze N., Hoette S., Chemla D., Montani D., Parent F., Sitbon O., Humbert M., Simonneau G., Musset D.

Right ventricular fractional area change reflects
right ventricular ejection fraction in pulmonary
hypertension: a CMR study (SS 803), B-420

Cui Y., Cao K., Zhang X., Li J., Gao S., Zhang X.

Dose reduction for CT imaging of female pelvis
with adaptive statistical iterative reconstruction on
high-definition CT (SS 1707), B-798

Cunningham P.M.

The hip: C. Identifying and reporting abnormal
findings (CC 1516), A-463

Curati-Alasonatti W., Mostbeck G.H.

Fever of unknown origin: C. Interactive case
discussion (CC 1318), A-369

Cyran C.C., Paprottka P.M., Von Einem J., Schwarz B., Dietrich O., Reiser M.F., Wintersperger B.J., Nikolaou K.

Dynamic contrast-enhanced (DCE)-MRI with
gadobutrol for monitoring sorafenib effect
on experimental prostate carcinomas with
immunohistochemical validation (SS 1206), B-553

Cyran C.C., Paprottka P.M., Schwarz B., Von Einem J., Hinkel R., Dietrich O., Reiser M.F., Wintersperger B.J., Nikolaou K.

Dynamic contrast-enhanced computed
tomography (DCE-CT) for monitoring anti-
angiogenic effect of sorafenib on experimental
prostate carcinomas with immunohistochemical
validation (SS 1706), B-780

Czerny C.

An insight into middle ear pathologies: A. Normal
anatomy and congenital malformations of the
middle ear (RC 208), A-060

D

D'Errico L., Aquaro G., Pingitore A., Strata E., Di Bella G., Molinaro S., Lombardi M., Bartolozzi C.

Prognostic role of cardiac magnetic resonance in
patients with premature ventricular complexes of
left bundle branch block morphology (SS 403a),
B-207

Dacher J., Becker C., De Mey J., Favat M., Heye S., Larralde A., Marangoni R., Reimer P., Loewe C.

Diagnostic efficacy and image quality of 64-slice
CT angiography of the abdominal aorta and
abdominal arteries at 100 kVp versus
120 kVp (SS 515), B-345

Dalke D.B.D.Z.

Problems in undergraduate education in
Brazil (SS MS 3)

Dallaudiere B., Hummel V., Monteil J., Schouman-Clayes E., Preux P., Maubon A.

Evaluation on Murin model of osteosarcoma
tumour hypoxia by MRI BOLD and correlation
with diffusion MRI and F-MISO TEP-CT:
preliminary study (SS 110), B-059

Daltro P.A.

Thoracic imaging: a Brazilian approach:
Congenital lung disease in children: state-of-the-
art imaging (EM 3), A-234

Damilakis J.

Diagnostic radiology and pregnancy: A. Conceptus
doses and risks from maternal diagnostic x-ray
examinations (RC 1013), A-290

Dance D.R., Young K.C., van Engen R.E.

Proposed European protocol for the estimation
of average glandular dose for digital breast
tomosynthesis (SS 1613), B-723

Darchis C., Tacelli N., Faivre J., Santangelo T., Rémy-Jardin M., Rémy J.

Dual-source nongated CT angiography of
the chest: impact of high temporal resolution
and high pitch mode on cardiogenic motion
artefacts (SS 1704), B-757

Darnell A., Martín C.

What should we know about antenatal
imaging?: C. Common chest and abdominal
problems (E³ 820), A-237

Darrasse L.

Quantum leaps in MRI: teslas, pulses, tracers:
What will be the standard machine and field of the
future? (NH 3), A-103

Dattesi R., Iezzi R., Santoro M., Pirro F., Nestola M., Snider F., Bonomo L.

Aortic neck dilation after endovascular
abdominal aortic aneurysm repair: should be
predicted? (SS 115), B-048

Daubiné F., Fretellier N., Bouzian N., Le Bot R., Idée J., Corot C.

Is the subtotal-nephrectomy rat model of
nephrogenic systemic nephropathy associated
with osteodystrophy-like bone lesions? (SS 406),
B-227

De Cecco C., Muscogiuri G., Di Girolamo M., Fierro S., Mancuso F., David V.

Cardiac magnetic resonance: correlation
between left atrial area and late enhancement
and myocardial mass in hypertrophic
cardiomyopathy (SS 403a), B-204

De Coninck T., Huysse W., Verdonk P., Heinrichs E., Verstraete K.

Evaluation of external displacement of implanted
menisci on MR imaging (SS 1710b), B-785

De Crop A., Bacher K., Van Hoof T., Smeets P., D'Herde K., Verstraete K., Thieren H.

Correlation of contrast-detail analysis and clinical
image quality for chest radiography based on a
human cadaver study (SS 1613), B-721

de Haan M.C., van Gelder R.E., Graser A., Bipat S., Stoker J.

Diagnostic value of CT-colonography as compared
to colonoscopy in an asymptomatic screening
population: meta-analysis (SS 501b), B-323

de Jong M.D.F., Dubelaar I.J.M., Fassaert T.A., Rutten M.J.C.M.

Automated breast volume scanning: advantages,
drawbacks and preliminary results (SS 102),
B-075

de Kerviler E.

Abdominal lymphoma: A. Solid organs (RC 301),
A-079

de Kerviler E., Gaillard S.

Pharmacovigilance based on spontaneous
adverse event reporting of meglumine gadoterate
(Gd-DOTA) after 15 million administrations and 20
years of clinical use (SS 406), B-229

de Lange C.E., Malinen E., Qu H., Johnsrud K., Skretting A., Saugstad O., Munkeby B.

Perinatal brain injury after hypoxia and
resuscitation in piglets assessed by dynamic FDG
PET (SS 812), B-473

De Malherbe M., Rémy-Jardin M., Hachulla A., Pontana F., Faivre J., Rémy J.

High-pitch dual-source CT angiography of the
chest: is coronary artery imaging accessible
from routine nonelectrocardiographically gated
examinations? (SS 1704), B-752

de Mey J.

Gemstone spectral imaging (GSI): a significant
advance in the diagnostic performance of CT for
emergency imaging (SY 19), D-39

de Roos A.

When CT sees both the heart and the lungs:
B. Incidental findings and their clinical
relevance (RC 1304), A-381

De Wever W.F.M.

The new faces of pulmonary infection:
B. The changing patterns of pulmonary
tuberculosis (RC 1804), A-526

Authors' Index

De Wilde J.

Diagnostic radiology and pregnancy:
C. Pregnancy and MRI: risks to the unborn
child (RC 1013), A-292

Dechoux S., Deveaux V., Poirier-Quinot M., Levy M., Manin S., Wilhelm C., Lotersztajn S., Gazeau F., Luciani A.

Cellular imaging of inflammation in obesity: 4.7 T
MR imaging of adipose tissue macrophages after
USPIO injection (SS 1206), B-555

Dekker H.M., Wetzel J.

Simultaneous introduction of a new CT request
form for ceCT and outpatient CIN clinic: evaluation
at 6 months (SS 1606), B-705

Della Pina C.

Tumour evaluation: beyond morphology: C. MR
diffusion and PET/CT (RC 701), A-209

Deng D.M., Meng Q.F.

The application of diffusion tensor imaging in
tumour of bone and soft tissue (SS 110), B-060

Derchi L.E.

My 'most beautiful' mistakes: GU (SF 7), A-185

Derchi L.E.

Imaging of the scrotum and penis: B. Scrotal
tumours (RC 1007), A-259

Derieppe M., Delmas Y., Deminière C.,

Placier S., Genisson J., Tanter M., Combe C.,
Grenier N.

Quantification of viscoelastic properties of the
kidney using supersonic shear wave imaging in
an experimental rat model of fibrosis induced by
L-NAME (SS 1207), B-540

Deschamps F.

Latest guidance technologies for interventional
oncology (SY 17), D-35

Deschamps F.

Non-small cell lung cancer: C. Radiofrequency
ablation of NSCLC: current status (RC 704), A-219

Deschamps F.

Oncologic interventions in the liver: A. RF
ablation (RC 1409), A-417

Deutschmann J.H., Patsch J., Valentinitisch A., Resch H., Mousavi M., Weber G.,

Schueller-Weidekamm C., Kainberger F.

Comparison of high-resolution peripheral
quantitative CT and micro-CT for the assessment
of bone microstructure (SS 410), B-179

Dhapare A.C., Kohli A., Rajput D., Singh M.

Accurate quantification of liver fat by H-MR
spectroscopy and its correlation with risk
of coronary heart disease and diabetes
mellitus (SS 1601a), B-616

Dhouib Chargui A., Blondiaux E., Moutard M., Billette de Villemeur T., Chalard F., Jouannic J.,

Ducou le Pointe H., Garel C.

Correlations between pre- and postnatal cerebral
MRI (SS 1711), B-835

Di Girolamo M., De Cecco C., Pandolfi E., Venneri P., Galassi S., David V.

Voiding MR-cystourethrography: a new diagnostic
imaging technique for the evaluation of male lower
urinary tract (SS 1607), B-663

Di Martino M., De Filippis G., Geiger D.,

Di Mischio R., Mennini M., Catalano C.,
Passariello R.

Detection of hepatocellular carcinoma in liver
transplant candidates: intra-individual comparison
of gadobenate dimeglumine-enhanced MR
imaging and multiphasic 64-slice CT (SS 101a),
B-005

Di Martino M., Anzidei M., Di Mischio R.,

Zaccagna F., Catalano C., Passariello R.

Value of respiratory-triggered echo-planar
diffusion-weighted MR imaging in the differentiation
between benign and malignant focal liver
lesions (SS 1201a), B-488

Di Massa A., Colosimo M., Cotta E., Mangini M.,

Piffaretti G., Carrafiello G., Fugazzola C.

Predictive factors for endoleaks after thoracic
aortic aneurysm endograft repair (SS 1609),
B-634

Di Molfetta V., Natale L., Meduri A., Marano R.,

Porto I., Bonomo L.

Edema assessment in acute myocardial infarction:
low b-value DWI versus triple IR FSE (SS 103),
B-094

Diederich S.

Non-small cell lung cancer: A. Update in TNM
classification (RC 704), A-217

Dietrich T.J., Suter A., Pfirrmann C.W.A., Dora C., Zanetti M.

Superior acetabular notch (pseudocartilage
defect): prevalence in MR-arthrography and
correlation with surgery (SS 810), B-377

Dietzel A., Baltzer P.A., Dietzel M., Bogdan M., Kaiser W.A.

Machine learning for the multivariate diagnosis of
malignant tumours: development and testing of a
dedicated software for the automatic selection and
optimisation of classification algorithms (SS 1605),
B-646

Dietzel M., Baltzer P.A.T., Zoubi R., Jerowski C., Gajda M., Runnebaum I.B., Kaiser W.A.

Potential of CAD to predict occurrence of distant
metastasis in primary breast cancer (SS 1202),
B-549

Dietzel M., Baltzer P.A.T., Vag T., Gröschel T., Habrech H., Zoubi R., Gajda M., Camara O., Kaiser W.A.

Breast MRI for the prediction of lymph node
metastases: systematic approach using
individual descriptors and a dedicated decision
tree (SS 1202), B-550

Dilli A., Ayaz U.Y., Cakir E., Cakal E., Hekimoglu B.

The efficacy of apparent diffusion coefficient value
calculation in differentiation between malignant
and benign thyroid nodules (SS 1708), B-819

Dinkel J., Hintze C., Allmendinger T., Sulzmann A., Thierfelder C., Biederer J., Schlemmer H.

Prospectively respiratory-triggered high-pitch
spiral acquisition for free-breathing dual source
CT of the lung: qualitative and quantitative
comparison in an ex vivo system (SS 404), B-148

Dobritz M., Fingerle A., Noel P.B., Huber A., Rummery E.J.

Dose reduction in MSCT: results of the iterative
reconstruction algorithm iDose to reduce image
noise (SS 1705), B-861

Donato R., Micchia M., Racchiusa S., Sergi A.,

Cicciò G., Bottari A., Anfuso C., Zimbaro F.,
Ascenti G.

Prognostic value of prospective ECG-gated dual-
source CT coronary angiography in patients with
suspected coronary artery disease (SS 1203),
B-493

Dong Z.-H., Liu T., Gao F.

Imaging labelled tumour cell growth and lymphatic
micrometastasis in mice xenograft model with
MR (SS 1206), B-558

Donoso L.

Teleradiology: for better or for worse: Chairman's
introduction (PC 15), A-487

Dorn F., Liebig T., Muenzel D., Meier R.,

Poppert H., Rummeny E.J., Huber A.

Order of CT stroke protocol (CTA before or after
CTP): impact on image quality? (SS 511a), B-291

Dousset V.

From neurosciences to clinical practice: White
is white: a simple guide to demyelinating
diseases (EM 1), A-122

Drapé J.

The hand and wrist: A. How I do it (CC 216),
A-028

Dremmen M.H.G., Hofman P.A.M., Hof J.R., Stokroos R.J., Postma A.A.

Detection of residual and recurrent cholesteatoma
with non-epi diffusion weighted imaging: the Dutch
experience (SS 108), B-087

Domain C.

Contrast-enhanced spectral mammography:
clinical benefits in diagnostic workflow
(SY 9), D-15

Dudea S.M., Ciuce C., Dumitriu D., Botar-Jid C., Chiorean A., Ciurea A.

Ultrasonographic appearance of varices within
groin lymph nodes in patients with and without
surgically treated varicose disease: the relation to
lower limb oedema (SS 1615), B-682

E

Ebdon-Jackson S.

Clinical audit, accreditation and the role of the
medical physicist: B. National perspective: clinical
audit inspections (RC 1313), A-403

Efremidis S.C.

The acute abdomen: B. The wrong twist:
mesenteric and omental torsion (CC 1517), A-455

Egesbø H.B.

Runny and stuffy noses: paranasal sinus imaging:
C. Sinonasal tumours (RC 1008), A-289

Eiber M., Holzapfel K., Rummeny E.J.,

Beer A.J.

Whole-torso MRI including DWI for patients with
recurring prostate cancer: technical feasibility and
assessment of lesion conspicuity in DWI (SS 507),
B-305

Eide K.R., Ødegård A., Myhre H.O., Hathinghus S., Haraldseth O.

Radiography in the operating theatre: A. Cone-
beam CT imaging in the operating room during
endovascular aortic repair (EVAR) (RC 1414),
A-443

Authors' Index

Eisenblaetter M., Becker A., Heindel W., Vogl T., Bremer C.

Macrophage activity indicating S100A9 as novel imaging target for estimation of the malignant potential of tumour lesions in mice (SS 1706), B-779

Eisenhuber E.

Bedside chest imaging: A. Bedside chest radiography: technical aspects and correct interpretation (RC 604), A-166

Elias R., van Eijck C., de Herder W.W., Valkema R., van der Lugt A.

Role of MDCTA in localization of parathyroid adenoma in primary hyperparathyroidism (SS 1708), B-812

Elliott S.T.

xMatrix ultrasound: the power of CT/MR in your hand (SY 13), D-28

Enriquez G.

Paediatric neuroimaging: let's make it simple!: A. Neurosonography in the neonate: rules of thumb (E³ 720), A-203

Erdt M., Drechsler K., Hammon M., Uder M., Cavallaro A.

Automatic segmentation of the pancreas in contrast-enhanced CT data (SS 105), B-124

Esposito A., De Cobelli F., Cava M., Perseghin G., D'Angelo G., Canu T., Sallemi C., Clementi E., Del Maschio A.

Myocardial late enhancement is the stronger predictor of left ventricle systolic dysfunction in Becker muscular dystrophy: a cardiac magnetic resonance and ³¹P MR spectroscopy study (SS 403a), B-205

Esposito A., De Cobelli F., Campana L., Canu T., Manfredi A., Sallemi C., Pezzetti G., Rovere-Querini P., Del Maschio A.

Diffusion tensor imaging and T2-maps in the assessment of muscle damage (SS 1710b), B-781

Essig M.

Brain tumour: imaging and response: Radiation necrosis and pseudo-progression vs recurrent tumour (SA 6), A-165

Eustace S.J.

The knee: B. Normal variants and pitfalls (CC 616), A-144

Eustace S.J.

Postoperative imaging of the lower extremity: A. Hip (RC 1310), A-376

F

Faggioni L., Neri E., Vagli P., Picano E., Bartolozzi C.

CT colonography on the iPhone®: evaluation of performance for 2D image reading (SS 105), B-123

Faggioni L., Neri E., Vagli P., Picano E., Cerri F., Bartolozzi C.

Patients' preferences about follow-up of medium-size polyps detected at screening CT colonography (SS 501b), B-325

Fan L., Liu S., Xiao X.

Binary logistic regression analysis of multi-detector CT features of pulmonary benign and malignant focal ground-glass opacity (SS 404), B-141

Fanelli F.

Randomised clinical study of the Zilver® PTX® self-expanding Nitinol stent with polymer-free paclitaxel coating shows improved 12-month effectiveness over angioplasty and bare metal stents for the superficial femoral artery (SS 809), B-403

Farghal A.S., Toms A.P., Kasmai B., Greenwood R., Malcolm P.

Test-retest reliability of dynamic physiological small bowel MR assessment of peristalsis (SS 801c), B-433

Farghal A.S., Toms A.P., Kasmai B., Kerner-Bignell A., Malcolm P.

Global assessment of small bowel activity using dynamic MR with automated computerised method: protocol optimisation (SS 801c), B-434

Farina D.

Runny and stuffy noses: paranasal sinus imaging: B. Sinusitis: imaging findings before and after treatment (RC 1008), A-288

Farina D., Rizzardi P., Ravanelli M., Maroldi R.

MRI with surface microcoils in the follow-up of laser resections for glottic tumours: initial experience (SS 408), B-196

Farrell M.A.

RF ablation beyond the liver: B. RF ablation in the kidney (RC 609), A-147

Farshid P., Davishi Nakhl Ebrahimi A., Azizi A., Naguib N., Mbalisi E., Vogl T.J.

Tumour response in liver metastases from the most common primary sites after repetitive transarterial chemoembolisation (TACE): a competitive evaluation (SS 409), B-158

Fausto A., Mazzei M.A., Mazzei F.G., Fabbri A., Lauria F., Volterrani L.

New strategies for assessment Hodgkin lymphoma during and after therapy: preliminary results in comparison CT perfusion, whole body DWI and FDG-PET (SS 1605), B-650

Federle M.P.

Essentials in oncologic imaging: what radiologists need to know (part 4): A. Lymphoma (MC 1425), A-445

Feinberg Shapiro S., Eyal E., Furman-Haran E., Grobgeld D., Golan T., Itzchak Y., Catane R., Papa M., Degani H.

Advances in breast cancer detection and diagnosis using diffusion tensor imaging (DTI) (SS 1602), B-672

Feng S., Li H., Ching A., Sun C., Qiu P., Shuai X., Meng Q., Li Z., Yang J.

Targeting human colon adenocarcinoma with novel SPIO-loaded single unilamellar nanovesicles in xenograft mouse MR model (SS 1206), B-557

Ferda J.

The trauma patient: A. Imaging modalities and logistics (RC 209), A-032

Ferda J., Baxa J., Mírka H., Ferdova E., Kreuzberg B.

Dual energy computed tomography: the value of the virtual nonenhanced brain images in the assessment of acute stroke (SS 511a), B-296

Ferda J., Hora M., Hes O., Mírka H., Baxa J., Ferdová E., Kreuzberg B.

The role of dual energy computed tomography in detection of intravascular invasion of renal cell carcinoma (SS 1707), B-793

Fernández Martín C., Martín Boizas R.,

Sánchez Reyes J.M., Lannegrand Menéndez B., Esteban Sanchez J.

Diffusion MR in detection of postoperative recurrent cholesteatoma (SS 108), B-086

Ferrara F., Natale L., Meduri A., Bernardini A., Lombardo A., Bonomo L.

Role of oedema, microvascular obstruction and infarct size in left ventricular remodelling after acute myocardial infarction: MRI evaluation (SS 103), B-099

Ferrer-Puchol M., la Parra C.,

Esteban-Hernández E., Vaño M., Vera A., Forment M., Cano J., Cosín O.

Treatment of hepatocellular carcinoma: prospective study of Doxorubicin-eluting bead embolisation compared with conventional chemoembolisation (SS 409), B-154

Ferrero G., Fabbro E., Muda A., Sconfienza L., Silvestri E.

One-year survey of two different ultrasound (US)-guided percutaneous treatments of lateral epicondylitis: results of a randomised controlled trial (SS 1710a), B-742

Ferretti G.R.

Fever of unknown origin: B. Imaging techniques and typical findings (CC 1318), A-368

Feuchtner G.

Imaging advanced stages of ischaemic heart disease: A. CT: angiography, function and perfusion (RC 1503), A-484

Filippiadis D.K., Velonakis G., Mazioti A., Brountzos E., Kelekis N., Kelekis A.

Vertebraloplasty and baropodometry: a comparison of load distribution among normal population and patients with vertebral fractures treated with vertebroplasty (SS 1209), B-503

Filippiadis D.K., Velonakis G., Mazioti A., Malagari A., Kelekis N.L., Kelekis A.

A prospective study comparing percutaneous decompression, combination of minimally invasive techniques and conservative therapy for the treatment of intervertebral disc herniation (SS 1209), B-506

Fingerle A.A., Noël P.B., Huber A.,

Rummery E.J., Dobritz M.

Evaluation of an iterative reconstruction algorithm (iDose) to reduce image noise in a preclinical model of low dose CT angiography (SS 515), B-348

Firozunia K.

Interventional radiology: from scratch to innovation: Uterine artery embolisation for treatment of symptomatic fibroids (EM 4), A-347

Fischer M.A.F., Gnant R., Raptis D., Reiner C., Clavien P., Schmidt B., Leschka S., Alkadhi H., Götti R.

Quantification of liver fat in the presence of iron and iodinated contrast media: an ex-vivo dual energy CT study (SS 801a), B-382

Authors' Index

Fischer M.A.F., Raptis D., Montani M.,

Reiner C., Graf R., Clavien P., Hodler J., Nanz D., Scheffel H.

Absolute liver fat quantification by dual-echo MRI: new evidence from a computer-based histopathologic volume measurement (SS 801a), B-385

Fischer T.

The role of CEUS in the assessment of renal graft: immediate and long term transplant follow-up (SY 14), D-31

Fishman E.K.

Essentials in oncologic imaging: what radiologists need to know (part 2): B. Kidney cancer (MC 1225), A-354

Flamini R.C., Yamaga L., Wagner J., Cunha M.L., Osawa A., Campos G.C., Gomes R., Funari M.B.G.

Can intravenous contrast be used for PET-CT attenuation correction in head and neck cancer? (SS 1213), B-583

Flor N., Mezzananza M., Ceretti Pisani A., Di Leo G., Sardanelli F., Cornalba G., Bosari S., Villa F., Rigamonti P.

Contrast-enhanced multidetector computed tomography (CE-MDCT) and virtual colonoscopy (VC) in preoperative T staging of colorectal cancer (SS 1201b), B-525

Fontaine A., Hoa D., Amoretti N.

Effectiveness of transforaminal and interlaminar epidural steroid injection under CT guidance: a prospective randomised controlled study (SS 509), B-281

Fornage B.D.

Interventional: from diagnosis to treatment: C. New developments: therapeutic interventional procedures (RC 1102), A-321

Forstner R.

Ovarian cancer: update and what's next: Chairman's introduction (SA 2), A-039

Foster K.

Thoracic diseases: common, important and potentially devastating: B. Unresolving pneumonia: when and how to image, and clinical consequences (E³ 520), A-130

Foti G., Faccioli N., Manfredi R., Pozzi Mucelli R.

Endocrine tumours of the pancreas: discordant patterns of enhancement at contrast-enhanced CT, contrast-enhanced MRI and CEUS (SS 401a), B-134

Foti G., Faccioli N., Barillari M., Zaccarella A., Manfredi R., Pozzi Mucelli R.

Occurrence of extrapelvic localisation of endometriosis in course of severe pelvic disease: role of MRI (SS 1707), B-797

Francone M.

MRI and CT before cardiac interventions or surgery: B. Can MRI predict the outcome of coronary revascularisation? (RC 1403), A-441

Franklin J.M., Gleeson F.V.

Clinicians' response to a report of an incidental pulmonary embolism detected on contrast-enhanced CT (SS 804), B-399

Franquet T.

Thoracic infections: what the radiologist must report: A. Pulmonary infections (E³ 320a), A-077

Franquet T.

Diffuse lung diseases: what the radiologist should know: C. From pattern recognition to disease diagnosis: a practical approach (part 2) (RC 1004), A-282

Frantzen M.J., Jacobi L.A., Robben S.G.F., Kemerink G.J.

Gonad protection in paediatric pelvic x-rays (SS 1612), B-740

Freeman A.H.

My 'most beautiful' mistakes: Abdomen (SF 7), A-184

Freeman A.H.

Palpable abdominal mass: C. Interactive case discussion (CC 1018), A-254

Freling N.J.M.

Common radiological problems: palpable lower neck mass - thyroid or not?: B. Outside the thyroid (E³ 1120), A-298

Friedrich C., Hoffstetter P., Schreyer A.G.

Detection of intraorbital foreign bodies using MDCT (SS 108), B-085

Fries P., Reil J., Müller A., Seidel R., Altmeyer K., Massmann A., Bücker A., Schneider G.

Evaluation of aortic distensibility and cardiac function in normal wild type and diabetic mice with MRI at 9.4 T (SS 1603), B-699

Frölich A.M.J., Klotz E., Schramm R., Knauth M., Schramm P.

Diagnostic accuracy of thin slice angiographic reconstructions of volume perfusion CT: comparison with CT angiography (SS 511b), B-359

Fujimoto K.

Non-invasive evaluation of liver fibrosis using Hitachi real-time tissue elastography (SY 11), D-26

Funovics M.A.

Infection and percutaneous drainage: C. Pelvic abscess (RC 1309), A-375

Funovics M.A.

Transarterial treatment of liver tumours: major advances: Advances in chemoembolisation of liver metastases (SF 18a), A-510

Furtner J., Kasprian G., Krssak M., Weber M., Widhalm G., Hainfellner J., Prayer D.

Noninvasive tumour hot spot localisation of primary cerebral tumours: the role of MR spectroscopy and arterial spin labelling (SS 411), B-215

G

Galati F., Panebianco V., Sciarra A.,

Buonocore V., Lisi D., Passariello R.

Role of 1H-MRS and DCE-MR in identification of pattern changes after neoadjuvant hormonal therapy (SS 1607), B-666

Gale A.G.

Visualisation, perception and image processing: A. Visualisation and perception (RC 1413), A-448

Gallucci M.

Spinal cord: A. Myelitis vs myopathy (RC 1811), A-522

Gan C.L., Lloyd D.

Are we using discography appropriately? (SS 1710a), B-748

Gandini R., Pampana E., Boi L., Loreni G., Stefanini M., Simonetti G.

Subintimal angioplasty for superficial femoral artery tasc II d lesions in critical limb ischaemia: outcomes with and without stenting and value of stent position for secondary patency after subintimal channel occlusion (SS 809), B-404

Gandini R., Pampana E., Da Ros V., Boi L., Stefanini M., Simonetti G.

Transfemoral and transtibial combined approach in subintimal recanalisation of SFA obstructions extending on popliteal and distal vessels origin (SS 809), B-405

Gandini R., Boi L., Del Giudice C., Spinelli A., Reale C., Simonetti G.

Alternative techniques for below-the-knee recanalisation: procedural and clinical results from a single center experience (SS 809), B-408

Gandini R., Pampana E., Massari F., Chiaravallotti A., Boi L., Simonetti G.

Mechanical thrombolysis for acute carotid occlusion: single center experience (SS 811), B-460

Ganeshan B., Skogen K., Pressney I., Courtroublis D., Miles K.

CT texture analysis in patients with oesophageal cancer: association with tumour metabolism and stage (SS 101b), B-013

Gangi A.

Musculoskeletal interventions: Chairman's introduction (RC 1509), A-464

García-Peña M.P.

Abdominal emergencies in children: C. Abdominal trauma in children (RC 1112), A-340

Garel C.

What should we know about antenatal imaging?: A. Foetal imaging: current practice and evidence base (E³ 820), A-235

Gärtner F.C., Schwaiger M.

Contrast media: always as safe as we wish?: C. PET tracers: established tracers and those on the horizon (RC 306), A-116

Gaskarth M.T.G.

Interventional: from diagnosis to treatment: A. Practical tips for a successful needle biopsy procedure (RC 1102), A-319

Gatta G., Parlato V., Di Grezia G., Porto A., Grassi R., Rotondo A.

Ultrasound-guided aspiration and ethanol sclerotherapy for the treatment of endometriotic cysts (SS 509), B-285

Gazhonova V., Churkina S., Zubarev A.

Real-time sonoelastography performed in addition to conventional ultrasound: improved early detection of ectopic pregnancy (SS 107), B-069

Ge Y., Guo Y., Wen Z., Li J., Su X.

Dose reduction in lower extremity arterial imaging using a reduced tube voltage and automatic tube current modulation technique with 64-slice computed tomography (SS 515), B-347

Geenen R.W.F.

Contrast media: always as safe as we wish?: A. Iodinated CM: whether CIN is a SIN, and how to avoid it (RC 306), A-114

Authors' Index

- Geeraert N., Klausz R., Lemuhot M., Sundermann D., Muller S.**
Contribution of compression paddle flexibility to estimation of breast glandularity (SS 1613), B-724
- Geiger J., Markl M., Arnold R., Saueressig U., Stiller B., Hennig J., Langer M.**
Whole heart flow-sensitive 4D MRI in patients after repair of tetralogy of Fallot (SS 1212), B-598
- Geiger J., Markl M., Arnold R., Franke P., Mauch J., Stiller B., Langer M.**
Haemodynamics in patients with transposition of the great arteries (D-TGA) after switch procedure visualised by flow-sensitive 4D MRI (SS 1212), B-599
- Gennaro G.**
Digital breast tomosynthesis: clinical performance and vision (SY 9), D-13
- Gennaro G., Bezzon E., Baldan E., Chersevani R., di Maggio C., La Grassa M., Pescarini L., Polico I., Proietti A.**
Role of mammography crano-caudal view in adjunction to digital breast tomosynthesis: clinical performance study (SS 402), B-187
- Gerigk L., Harder M., Schlemmer H., Essig M.**
Automated slice positioning in MRI: application and reproducibility in brain examinations (SS 1611), B-719
- Ghanaati H.**
Interventional radiology: from scratch to innovation: How to start interventional radiology (EM 4), A-346
- Ghysels M.**
Guest Lecture: Slicing through Antiques & Works of Art (GL), A-246
- Gielen J.L.M.A.**
Soft tissue extremity masses: C. Identifying and reporting abnormal findings (CC 1416), A-416
- Giesel F.L., Clemens K., Wulfert S., Weller J., Schimpfke N., Haberkorn U., Kauczor H., Ley S.**
Comparison of lesion detection and characterisation in patients with neuroendocrine tumours using DOTATOC-PET in correlation with contrast-enhanced MRI and contrast-enhanced CT (SS 1606), B-706
- Gilbert F.J.**
Evaluation of the treated breast and follow-up: C. Surveillance for and detection of recurrent disease after therapy (RC 1402), A-434
- Gilhuijs K.**
Screening and diagnostic breast imaging: MRI diagnostic breast imaging (EF 2), A-239
- Gilligan P.**
Clinical audit, accreditation and the role of the medical physicist: C. Hospital perspective on clinical audit (RC 1313), A-404
- Girard N., Combaz X.**
Advanced brain imaging: C. Vascular diseases: the role of CTA, MRA, angiography (DSA) (RC 712), A-230
- Girardi V., Carbognin G., Camera L., Baglio I., Bonetti F., Pozzi Mucelli R.**
Management of incidental enhancing lesions detected by breast MR imaging (SS 502), B-314
- Girardi V., Carbognin G., Camera L., Brandalise A., Bonetti F., Pozzi Mucelli R.**
Second-look ultrasound of incidental breast MRI lesions in patients with newly diagnosed breast cancer: correlating location with pathology (SS 502), B-316
- Gjesdal K., Grøvik E.**
Split dynamic magnetic resonance imaging: a novel method for improved morphologic and functional assessment of breast tumours (SS 1202), B-542
- Glaser C.**
The basics of MSK MRI at 3T: A. Optimising protocols (CC 1016), A-255
- Glatzko M.A.**
Coronary CTA: input of prospective cardiac gating to reduction of radiation dose (SS MS 1)
- Gleeson F.**
Lung cancer: Radiology perspective (WS 3b), A-010
- Gleeson F.**
Bedside chest imaging: C. Radiologic-guided bedside interventions of the thorax (RC 604), A-168
- Glutig K., Schmidt U., Erfurt C., Hahn G.**
Why does this happen? The use of post-mortem radiological imaging in unclear child death (SS 812), B-480
- Gogbashian A., Li S., Shah V., Simcock I., Stirling J., Makris A., Goh V.**
The effect of experience and skill on volumetric helical perfusion CT quantification of primary breast cancer (SS 1702), B-803
- Goh V.J.**
Functional and ultra structural MR: B. Quality and quality control in DCE-MRI and DCE-CT (MC 322), A-096
- Gómez-Ansón B.**
Epilepsy: Chairman's introduction (RC 1511), A-480
- Gómez-Ansón B., Barkhof F.**
Common radiological problems: cognitive decline and dementia (E³ 1620), A-500
- Gonzalez Graniel K., Dijkshoorn M.L., Koch A.M., Hartmann I.J.C., van Straten M., Tiddens H.A.W.M.**
Dual source CT: diagnostic, motion artefact free chest CT images in non cooperative, free breathing children avoiding anaesthesia (SS 1212), B-592
- Gore R.M.**
Essentials in oncologic imaging: what radiologists need to know (part 1): C. Colon cancer (MC 1125), A-334
- Grainger A.J.**
Bone marrow oedema and bone marrow oedema-like lesions: B. BME and early inflammatory disease (RC 710), A-201
- Graser A.**
CT colonography: the big picture: C. Dose, risk and relevance in a screening population (RC 1401), A-410
- Graser A., Arndt N., Staehler M., Reiser M.F., Johnson T.R.C.**
Dual energy CT in patients with polycystic kidney disease (SS 1707), B-794
- Grenier N.**
Kidney: imaging and intervention: A. Angiomyolipoma: a review (RC 1307), A-393
- Grgic A., Miodek F., Buecker A., Hellwig D., Böhm M., Schäfers H., Bals R., Wilkens H., Kirsch C.**
Assessment of operability by means of CTPA and perfusion SPECT in patients with chronic thromboembolic pulmonary hypertension (SS 804), B-393
- Grigoryev M., Thomas A., Slowinski T., Filimonow S., Fischer T.**
Significant differentiation of focal breast lesions: raw data-based calculation of strain ratio (SS 102), B-078
- Grimm J.M., Schindler A., Schmidt C., Dichgans M., Yuan C., Cyran C.C., Reiser M.F., Nikolaou K., Saam T.**
Comparison of symptomatic and asymptomatic atherosclerotic carotid plaques using parallel imaging and 3T high-resolution *in vivo* MR imaging (SS 815), B-464
- Grimmer R., Kachelrieß M.**
Intrinsic beam hardening correction (IBHC) for cone-beam CT (SS 513), B-366
- Grünberg K.M., Simon D., Münter M., Lemke A., Ganten M., Klauß M., Delorme S., Schlemmer H.P., Stieljes B.**
Preliminary results on the influence of combined chemoradiation on MR-diffusion-weighted imaging parameters in primary inoperable pancreatic carcinomas (SS 401a), B-135
- Guggenberger R., Markovic D., Eppenberger P., Nanz D., Wyss M., Chhabra A., Pruessmann K., Hodler J., Andreisek G.**
Optimisation of b-value for diffusion tensor imaging of the median nerve at 3.0T and of reconstruction parameter for fiber tractography (SS 1210), B-570
- Guglielmi G.**
Can we predict premature ageing?: Chairman's introduction (SF 11), A-322
- Guimarães L.S.**
Not just Hounsfield numbers: CT aimed at the fifth dimension?: Clinical examples of dual energy CT (NH 6), A-135
- Gujral G.S., Deshpande R., Saini N.S.**
Comparison of MRS, MR perfusion, and PET scan to formulate an appropriate protocol for evaluation of suspected recurrent gliomas (SS 111), B-106
- Gullien R., Andersen J., Haakull A., Rostad E., Hammond R.**
Interobserver agreement among PGMI radiographer in quality classification of mammograms: a pilot study (SS 814), B-446
- Günhan-Bilgen I.**
Breast US: B. The role of US in premalignant and benign lesions (RC 202), A-047
- Guruprasad C., Sodhi K.S., Saxena A.K., Kumar R.M., Khandelwal N.**
Role of low-dose 64-slice multi detector CT in evaluation of children with cyanotic congenital heart disease, and its correlation with echocardiography and cardiac catheterization angiography (SS 1703), B-827

Authors' Index

Gutberlet M.

Cardiac imaging: what's up Doc?: A. 3T cardiac imaging: twice as good? (RC 203), A-052

Guthrie J.A.

The acute abdomen: C. Acute stages in neoplastic diseases (CC 1517), A-456

H**Haage P., Hohl C.**

Venous intervention: C. Central venous occlusions (RC 1109), A-308

Habermann C.R.

Suprathyroid neck: A. Anatomy-guided differential diagnoses (RC 708), A-222

Habets J., Meijer T.S., Meijer R.C.A..**Vonken E.P.A., Mali W.P.T.M., Budde R.P.J.**

Imaging characteristics of PTFE felt pledges used in prosthetic heart valve implantation on 256-slice CT: helpful in the detection of paravalvular leakage? (SS 1703), B-824

Hájek M., Jirák D., Dezortová M., Herynek V., Girman P., Kříž J., Saudek F.

Visualisation of cell therapy meets clinical application: Monitoring of transplanted pancreatic islets in humans by MRI (ENCITE), A-344

Halligan S.

The 3 P's of CT colonography: polyps, protocols and politics: Chairman's introduction (SA 3), A-072

Halligan S.

The 3 P's of CT colonography: polyps, protocols and politics: CAD: friend or foe? (SA 3), A-076

Halligan S.

Dynamic MR imaging of the pelvic floor: easy and useful: Dynamic imaging of the pelvic floor: MR imaging or conventional technique? (SF 6), A-172

Hallscheidt P.

Kidney: imaging and intervention: B. The (not so) rare malignant tumours of the kidney (RC 1307), A-394

Hamm B., Hricak H.

Cancer of the uterus and cervix: what the radiologist must report (E³ 620a), A-137

Han D., Wu L., He B.

The initial assessment of clinical value of gouty arthritis by DSCT dual-energy technique (SS 1610), B-610

Han D., Wen L., Xu Y.

Virtual non-contrast images of head CT angiography by dual-source CT dual-energy mode: initial experience (SS 1611), B-713

Han Y., Wang M., Shi D., Li Y.

Comparison of susceptibility weighted imaging and dynamic susceptibility contrast MRI in patients with acute cerebral stroke (SS 511a), B-297

Haneder S., Attenberger U.I., Riffel P.,**Henzler T., Schönberg S.O., Michaely H.J.**

MRA of the calf station at 3T: intraindividual comparison between non-enhanced ECG-gated flow-dependent MRA, continuous table movement MRA and time-resolved MRA (SS 515), B-342

Hansch A., Pfeil A., Betge S., Kaiser W.A., Mentzel H.

Gadofosveset trisodium-enhanced MRI offers a radiation-free, stand-alone examination for venous thromboembolism (SS 406), B-221

Hansell D.M.

CT of small airways: elementary images for disease classification: Basic signs in small airways disease (SF 15b), A-473

Hany T.F.

GI tumours: Nuclear medicine perspective (WS 4a), A-013

Hao D.P., Xu W.J., Liu J.H.

3D-FIESTA MR imaging curved planar reconstruction for evaluating the anterior cruciate ligament of the knee joint (SS 1710b), B-783

Hatakenaka M., Nagao M., Shioyama Y.,**Matsuо Y., Sunami S., Kamitani T.,****Jinnouchi M., Yabuuchi H., Honda H.**

Chemoradiotherapy for thoracic oesophageal cancer impairs left ventricular function: MRI evaluation (SS 803), B-418

Haug U.

Optical and virtual colonography: friends or enemies?: Facts from the statistician (true for once?): incidence, prevalence, rationale for screening, standard results of optical colonoscopy (EM 2), A-139

Hauger O.

Bone marrow oedema and bone marrow oedema-like lesions: C. BME and trauma (RC 710), A-202

Hausegger K.A.

The ABC of EVAR: The role of imaging in follow-up (SF 3b), A-120

He Y., Zhang Z., Dai Q., An J., Jin L., Renate J., Li D.

Coronary artery plaque imaging: comparison of black-blood MRI and 64-MDCT (SS 1203), B-495

Heinz-Peer G.

Contrast media: always as safe as we wish?: B. MR contrast agents: rumble in the jungle (RC 306), A-115

Hekmatnia A., Barikbin R., Adibi P., Omidifar N., Farghadani M., Tavakoli B., Etezazian S., Ghazavi A., Hekmatnia F.

Two different ways for screening of cirrhosis-related oesophageal varices: Doppler haemodynamic indices of portal system versus "Platelet count/splenic diameter" ratio (SS 101b), B-020

Helbich T.H.

Breast imaging in 2025: Chairman's introduction (NH 10), A-267

Helck A., Notohamiprodjo M., Schönhermarck U., Wessely M., Morello R., Nikolaou K., Clevert D.-A., Reiser M.F., Becker C.

Simultaneous acquisition of renal morphology and function using a CT perfusion protocol (SS 1615), B-684

Helm E.J., Rahman N., Gleeson F.V.

Course and variation of the intercostal artery: CT angiographic study and clinical relevance (SS 104), B-029

Henes F., Püschel K., Adam G., Lorenzen M.

Diagnostic accuracy of post-mortem whole-body magnetic resonance imaging in comparison with conventional autopsy (SS 1601a), B-620

Henner A.

Radiation protection and optimisation of radiological procedures: C. Radiation dose optimisation and the radiographer's role (RC 1114), A-331

Henner A., Pietilä A., Pöyskö H., Sergejeff J., Paso H.

Patient's dose optimisation in projection lumbar spine examination with CR (SS 1214), B-577

Henner A., Pietilä A., Pöyskö H., Pohjola M.

The consequence of the referral to patient's dose (SS 1214), B-580

Hennig J.

Quantum leaps in MRI: teslas, pulses, tracers: Will new technologies allow a jump in sensitivity? (NH 3), A-104

Henzler T., Nance J.W.J., Schoepf U., Fink C., Schönberg S.O., Weininger M.

Adenosine stress dual energy CT for the diagnosis of coronary heart disease: do we need rest images? (SS 803), B-413

Henzler T., Schoepf U., Huda W., Fink C., Schönberg S.O., Hlavacek A.

Radiation dose and diagnostic accuracy of ECG-gated coronary CT angiography in paediatric patients (SS 1212), B-597

Hermans R.

Management of the post-treatment head and neck: a diagnostic dilemma: A. Expected changes after treatment (RC 1808), A-529

Herold C.J.

Essentials in oncologic imaging: what radiologists need to know (part 1): B. Lung cancers (primary, metastases) (MC 1125), A-333

Herold C.J.

The new faces of pulmonary infection: C. Emerging viral infections (RC 1804), A-527

Hertel A.

FDG PET: Physiology, normal distribution and pitfalls (WS 2), A-007

Heussel C.P.

Fever of unknown origin: A. Clinical considerations (CC 1318), A-367

Hillman B.J.

Evidence-based radiology: why is evidence-based radiology crucial?: The American College of Radiology Imaging Network (ACRIN): twelve years of conducting trials of medical imaging (EuroAIM), A-359

Hirschenbein A., Mahgerefteh S.Y., Sosna J.

CT perfusion reproducibility assessment with a moving perfusion robot (SS 1713), B-858

Hiwatashi A., Yoshiura T., Yamashita K., Kamano H., Honda H.

MGMT promoter methylation in glioblastoma can be predicted using diffusion weighted imaging (SS 111), B-107

Ho Y., Yu S., Lo G., Lam W., Liu S., Wong W., Johnson L.

Comparisons between two tube voltage combinations (80/Sn140 kV, 100/Sn140 kV) in dual energy CT imaging (SS 1713), B-852

Hodler J.

The hand and wrist: B. Normal variants and pitfalls (CC 216), A-029

Authors' Index

Hoffmann C.

Common disorders of the paediatric brain:
A. Foetal MR imaging: more than just T2-weighted
images (RC 1011), A-276

Hoffmann M.H.K., Fischer A.

Non-traumatic acute aortic dissection and
malperfusion syndromes: C. Acute aortic
dissections: imaging of complications (RC 615),
A-179

Hofstra L.

Clinical potential of molecular imaging:
between dream and reality: B. Cardiovascular
disease (RC 606), A-174

Holmes K.G.

Radiography in the operating theatre:
B. Key radiographic skills in the operating
theatre (RC 1414), A-444

Holzapfel K., Beer A.J., Ganter C., Strecker R., Rummenny E.J., Metz S.

Prediction of chemotherapeutic response of liver
metastases from colorectal cancer by diffusion-
weighted and dynamic contrast-enhanced MR
imaging: value of pretreatment apparent diffusion
coefficient and K^{trans} values (SS 801b), B-421

Holzapfel K., Eiber M., Fingerle A.A., Rummenny E.J., Gaa J.

Detection and characterisation of focal liver
lesions: value of diffusion-weighted MRI, gadoxetic
acid-enhanced MRI and combination of both
methods (SS 1201a), B-484

Hoppe H.

Advances in vascular imaging: A. Vascular
imaging at 3T (RC 1815), A-532

Hornig A., Vieira R., Pietschmann M., Notohamiprodjo M., Müller P., Reiser M.F., Glaser C.

BLADE versus conventional TSE sequences in
shoulder-MRI: benefit or not? (SS 1210), B-567

Hornig A., José R., Zscharn M., Notohamiprodjo M., Hoehne-Hückstädt U., Gitsch U., Ellegast R., Reiser M.F., Glaser C.

Locoregional deformation patterns of knee
cartilage: a 3D volumetric high-resolution in-vivo
study at 3T (SS 1710b), B-786

Howarth N.

Lung cancer: what the radiologist must report:
B. Follow-up (E³ 220b), A-027

Howarth N.

Non-small cell lung cancer: B. PET/CT in lung
cancer (RC 704), A-218

Hricak H.

Essentials in oncologic imaging: what
radiologists need to know (part 2): C. Ovarian
cancer (MC 1225), A-355

Hu X., Lin W., Shen G.

Reducing abdominal CT radiation dose with
iterative reconstruction in image space (SS 1713),
B-859

Huber A.M., Herrmann K., Settles M., Betz M., Beer A., Rummenny E.

3D PSIR gradient echo for imaging myocardial
infarction (SS 103), B-100

Huber A.M., Jaroni J., Herrmann K., Settles M.,

Beer A., Rummenny E.

Three-dimensional magnetic resonance
imaging using single breathhold kt-BLAST for
assessment of global leftventricular functional
parameters (SS 803), B-419

Huellner M.W., Zander T., Winterhalder R., Treumann T., Strobel K., Veit-Haibach P.

Prognostic value of different CT measurements
in therapy response evaluation in patients with
colorectal carcinoma and synchronous hepatic
metastases at initial staging (SS 801b), B-422

Hueper K., Gutberlet M., Rodt T., Gwinner W., Lehner F., Hartung D., Galanski M.

Diffusion tensor imaging, tractography and arterial
spin labelling in transplanted kidneys (SS 1207),
B-537

Hueper K., Elalfy M., Rodt T., Länger F.,

Halter R., Hartung D., Galanski M., Borlak J.
In vivo micro-CT and micro-PET imaging of liver
lesions in a c-myc transgenic mouse model
of hepatocellular carcinoma identifies tumour
promoting agents (SS 1706), B-778

Hughes N.M.

Radiology as a career: what do students and
interns think (SS MS 2)

Hultcrantz R., Menu Y.

Optical and virtual colonography: friends or
enemies?: Chairmen's introduction (EM 2), A-138

Humphries P.D.

Children's bones and joints: C. Whole body
imaging: PET/CT vs MRI (RC 1412), A-453

Hunter C.J., Garant A., Vuong T., Artho G., Lisbona R., Abulafi M., Brown G.

The impact of 18F FDG-PET/CT in high and low
risk primary rectal cancer (SS 1201b), B-526

Husarik D.B., Nelson R.C., Marin D., Bashir M.S.R., Jaffe T.A., Richard S., Colsher J., Samei E.

Image quality in low-dose abdominal CT using
a new model-based iterative reconstruction
algorithm (SS 1713), B-855

Hustinx R.

Head and neck including cancer of
unknown primary (CUP): Nuclear medicine
perspective (WS 3a), A-009

Huyssse W., De Coninck T., Verdonk P., Heinrichs E., Verstraete K.

Evaluation of vascularisation of an
implanted polyurethane scaffold with MR
imaging (SS 1710b), B-788

Hwang D., Kim K., Ko Y., Kim I., Hur C.

Intracranial endovascular stent implantation of
middle cerebral artery atherosclerotic stenoses:
results of 33 lesions (SS 811), B-459

I

Iezzi R.

Vascular imaging: diabetes and vascular occlusive
disease: B. Imaging strategies in the diabetic foot
syndrome (RC 715), A-226

Iezzi R., Dattesi R., Pirro F., Santoro M., Tinelli G., Snider F., Bonomo L.

Foot perfusion CT in patients with peripheral
arterial occlusive disease (PAOD): a novel chance
for treatment planning? (SS 1615), B-685

Iima M., Le Bihan D., Okumura R., Okada T.,

Fujimoto K., Kanao S., Tanaka S., Togashi K.
Potential of diffusion MRI as a biomarker of low-
risk DCIS (SS 1202), B-543

Inoue K., Yamaguchi M., Umeda I., Hesterman J., Hoppin J., Lackas C., Fukushi M., Moriyama N., Fujii H.

The precise co-registration method of high-
resolution SPECT and MR images of in vivo
mouse brains (SS 1706), B-776

Ippolito D., Bonaffini P., Ratti L., Leni D., Corso R., Sironi S.

CT perfusion technique as an early predictor
for tumour response to transarterial
chemoembolisation in patients with HCC lesions:
preliminary results (SS 501a), B-252

Iussich G., Correale L., Senore C., Campanella D., Galatola G., Laudi C., Falco P., Segnan N., Regge D.

Computer-aided detection in CT colonography
(CTC): which CAD paradigm is best in a screening
population? (SS 501b), B-327

Ivanac G., Hrkac-Pustahija A.,

Huzjan-Korunic R., Cikara I., Brkljacic B.

Shear-wave elastography features of benign
and malignant breast lesions (SS 102), B-077

J

Jackson A.

Brain perfusion made easy: CT/MR?: Brain
tumours (SF 18b), A-520

Jackson J.E.

Extracranial vascular malformations: imaging
strategies prior to endovascular therapy:
Chairman's introduction (RC 215), A-063

Jacquier A., Flavian A., Kober F., Cozzzone P., Bernard M.

Gender differences in response to cold pressor
test assessed with velocity-encoded cine-MR
imaging of the coronary sinus (SS 803), B-417

Jaffer O.S., Lung P., Bosanac D., Patel V., Ryan S., Sidhu P.

Acoustic radiation force impulse (ARFI) imaging:
repeatability of measurements in selected liver
segments and influence of age, body mass
index (BMI) and liver capsule-to-box (CB)
distance (SS 1601a), B-612

Jakobsen J.A.

New insights from contrast media
research (SY 19), D-38

Jambor I., Borra R.J., Kemppainen J., Lepomäki V., Dean K., Alelan K., Nurmi M., Aronen H.J., Minn H.

Detection of localised prostate cancer using
proton magnetic resonance spectroscopy and
carbon-11-acetate PET/CT (SS 507), B-306

James S.

Bone tumours: B. Staging and
intervention (RC 1810), A-516

Jarvinen H.

Clinical audit, accreditation and the role of the
medical physicist: A. European-wide perspective
on clinical audit (RC 1313), A-402

Jégouic C., Slosman D.O.

Daily quality controls and cross-calibrations for
PET/CT imaging in clinical setting and for clinical
trial (SS 1613), B-730

Authors' Index

Jiang L., Wang X.M., Luo B.N.

Preliminary fMRI study on the active dependence of visual cortex in children with anisometropic amblyopia (SS 1711), B-840

Johnson J.F., Cento E., Gupta S., Novelline R.A.

CT angiography on the management of emergency department patients suspected of having pulmonary embolism: the impact of nonthromboembolic findings in 496 patients (SS 804), B-397

Johnson P.

Tumour response to treatment: RECIST, desist or insist?: Monitoring response to treatment in patients with cancer: why and how. The oncologist's view (SF 3c), A-110

Johnson T.R.C.

Instrumentation and technique: Radiology perspective (WS 1a), A-003

Johnson T.R.C.

Future aspects: Overview of future developments in CT (WS 6), A-018

Johnson T.R.C., Marcus R., Sommer W., Schwarz F., Nikolaou K., Becker H.R., Reiser M.F., Bamberg F.

Clinical value of a high-pitch comprehensive cardiothoracic CT protocol for the early triage of patients with undifferentiated acute chest pain (SS 1704), B-758

Jost A.

Radiology: prejudices and hidden fascination (SS MS 4)

Jost G., Lenhard D., Sieber M.A., Lengsfeld P., Huetter J., Pietsch H.

Changes of water diffusion coefficient in the kidney after application of iodinated contrast media (SS 1606), B-704

Jung J.I., Choi M., Oh J., Ahn M.I., Han D.H., Park S.H., Kim Y.J.

The value of quantitative lung parenchymal assessment in bronchiolitis obliterans following hemopoietic stem cell transplantation (SS 504), B-275

Junqueira F.P., Gasparetto T.D., da Cunha G.M., Werner H., Cardoso M.M., Daltro P.A., Domingues R.C.

MRI of the foetal heart: comparison of the obstetric sonography and foetal magnetic resonance imaging findings (SS 1603), B-692

Junqueira V.C.N., Zogbi-Neto O., Elias-Jr J., Cologna A.J., Tucci Jr S., Reis R.B., Westphalen A.C.A., Muglia V.F.

Prognostic implications of transrectal ultrasonographic appearance of prostate

cancer (SS 1607), B-669

K

Kahn C.E.

How to write better reports: Structured reporting: improving the quality of radiology reports (Standards and Audit), A-243

Kainberger F., Bohndorf K.

Commonly missed diagnosis in musculoskeletal conditions (E³ 120), A-022

Kaiser W.A.

More than MR-mammography (SY 1), D-04

Kaiser W.A.

Breast MRI today: Chairman's introduction (RC 602), A-158

Kalender W.A.

Not just Hounsfield numbers: CT aimed at the fifth dimension?: Basic principles of dual energy CT (NH 6), A-134

Kalender W.A.

Advances in technology for breast imaging: Breast CT (EF 1), A-215

Kamusella P., Wissgott C., Steinkamp H.J., Andresen R.

Use of a percutaneous suture-mediated closure system to achieve haemostasis after 6-8F transfemoral approaches (SS 809), B-409

Kang M., Sagar A., Bhasin D., Gupta R., Bhalla A., Rana S.S., Khandelwal N.

Role of perfusion CT in evaluation of early acute pancreatitis and correlation with clinical outcome (SS 501a), B-254

Kapsimalakou S., Bischof A., Borberg T., Grande-Nagel I., Bischoff P., Kovacs A., Hunold P., Barkhausen J., Vogt F.M.

Is BI-RADS 3 a misinterpreted category in breast-diagnosis? Three years follow-up of probably benign lesions in a decentralised breast diagnosis project (SS 1702), B-807

Karami Nogourani M.

Orbital Doppler in optic neuritis (SS 108), B-082

Karantanas A.H.

The ankle and foot: B. Normal variants and pitfalls (CC 716), A-194

Karantanas A.H.

Hip through the ages: C. The ageing hip (RC 1010), A-263

Karcaaltincaba M.

Cystic tumours, endocrine neoplasms and congenital anomalies: C. Congenital and developmental anomalies (MC 1019), A-266

Karim S., Fegeler C., Mueller-Eschner M., Boeckler D., Schlemmer H., Kauczor H., von Tengg-Kobligk H.

Introduction of a radiological structured standardised reporting application for abdominal aortic aneurysms (SS 1705), B-867

Karlinger K., Ibolyka D., Fintna A., Glasz T.

PoMoCT (postmortem computed tomography) investigations on deceased neonates: comparative analysis on chest findings of perinatal postmortem CT examinations (SS 1212), B-594

Kasprian G., Mitter C., Brugge P.C., Perju-Dumbrava L., Schmid M., Prayer D.

Early foetal MRI diagnosis of lissencephaly (SS 812), B-472

Kasprian G., Mitter C., Brugge P.C., Schmid M., Kulemann V., Perju-Dumbrava L., Prayer D.

Prenatal diffusion tensor imaging in callosal agenesis (SS 1711), B-834

Kassarjian A.

The hip: A. How I do it (CC 1516), A-461

Kastler A., Bros S., Chabrot P., Ouchchane L., Cassagnes L., Dumouset E., Gallot D., Boyer L.

Recurrent bleeding within 24 hours after uterine artery embolisation for severe post-partum haemorrhage: are there predictive factors? (SS 1709), B-762

Katoh M.

The trauma patient: B. Management of arterial trauma (RC 209), A-033

Kauczor H.

Essentials in oncologic imaging: what radiologists need to know (part 4): C. Chemo- and radiation therapy-induced toxicity (MC 1425), A-447

Kauczor H.

CT of small airways: elementary images for disease classification: Beyond morphology (SF 15b), A-475

Kavanagh L., Brown C., Fitzgerald P., Lee M., Stanton A.

Use of 3D rather than 2D ultrasound results in more accurate determination of both endothelial and vascular function (SS 815), B-469

Kayed H., Sadick M., Schönberg S.O.

PET/CT imaging of small objects with the clinically implemented 40-detector biograph mCT (SS 106), B-112

Keeling A.

Infection and percutaneous drainage: A. Empyema (RC 1309), A-373

Kelekis A.D.

RF ablation beyond the liver: A. RF ablation in bone (RC 609), A-146

Kellenberger C.J.

Thoracic diseases: common, important and potentially devastating: C. Common cardiac disorders in children: the basic role of imaging (E³ 520), A-131

Kemmling A., Feyen L., Minnerup J., Hesselmann V., Niederstadt T., Heindel W., Seifarth H.

Evaluation of a novel post-processing filter of native CT images for detection of early ischemic stroke: improved differentiation of early infarct core (SS 511a), B-294

Kemmling A., Feyen L., Duning T., Niederstadt T., Heindel W., Minnerup J.

Prediction of malignant middle cerebral artery infarction by a rater independent model based on normalised stroke oedema and subarachnoid reserve volume (SS 511a), B-295

Kennish S.J., Smith J.T.

Radiological reporting errors identified in the prostate, bladder and penile cancer multidisciplinary team meeting - a prospective review to identify the patterns and severity of errors at second reporting: beware the common pitfalls (SS 1607), B-664

Kerl J.M., Tawfiq A., Bauer R.W., Vogl T.J., Mack M.G.

Dual energy CT of head and neck cancer: average weighting of low and high voltage raw data improves lesion delineation and image quality (SS 408), B-193

Kerl J.M., Deseive S., Bauer R.W., Lehnert T., Schell B., Vogl T.J.

Dual energy CT for the detection of delayed enhancement in reperfused chronic infarction: a comparison with magnetic resonance imaging and histopathology in a porcine model (SS 1603), B-697

Authors' Index

- Kerl J.M., Bauer R.W., Renker M., Weisser P., Schell B., Vogl T.J.**
Triphasic contrast injection improves evaluation of dual energy lung perfusion in pulmonary CT angiography (SS 1704), B-753
- Kessler J.M., Ellestad M., Rios J., Stein E.G., Tanenbaum L.**
Dual-energy spectral CT (DECT) allows selection of the optimal monochromatic energy for imaging the instrumented spine and improves diagnostic quality over traditional imaging (SS 1213), B-586
- Kettenbach J.**
Oncologic interventions in the liver: C. Future directions (RC 1409), A-419
- Kheddache S., Boijesen M., Johnsson Å.A., Svalkvist A., Zachrisson S., Flinck A., Måansson L.G., Båth M., Vikgren J.**
Routine use of digital tomosynthesis for lung nodule detection: clinical, workflow and economic impacts (SY 9), D-14
- Khedr S., Gaballa A.**
Diagnostic value of whole-body MRI in patients with sickle cell disease and its impact on patient management (SS 110), B-053
- Khedr S., Shabana A., Gaballa A.**
Diagnostic value of direct MR arthrography of the shoulder in superior labrum anterior: posterior lesions (SS 1210), B-561
- Khedr S.**
Diagnostic value of direct MR arthrography in evaluation of rotator interval lesions (SS 1210), B-562
- Kienle K., Keck J., Siebenrock K.A., Werlen S., Kim Y., Mamisch T.C.**
Physiological changes of the acetabulum during maturation: MR assessed data in a cross sectional asymptomatic cohort from 9 to 16 years (SS 810), B-375
- Kiessling F.M.A.**
Clinical potential of molecular imaging: between dream and reality: A. Molecular imaging from bench to bedside (RC 606), A-173
- Kiessling F.M.A.**
Molecular imaging made easy: Chairman's introduction (SF 15a), A-468
- Kim D., Kim S., Im S., Han S., Lee J., Han J., Choi B.**
CT perfusion: can be a useful tool for predicting early response after chemotherapy? Preliminary study (SS 501a), B-251
- Kim K., Lee J., Block T., Han J., Choi B.**
Free-breathing dynamic contrast-enhanced (DCE-MRI) of the abdomen at 3.0 T using radial k-space sampling and k-space-weighted image contrast (KWIC) reconstruction: preliminary study (SS 1701), B-849
- Kim S., Lee J., Han J., Choi B.**
Usefulness of dynamic contrast-enhanced magnetic resonance imaging for evaluation of therapeutic response to neoadjuvant chemoradiation therapy in locally advanced rectal cancer (SS 401b), B-168
- Kim S., Kwon H., Lee N., Kim G., Kim D., Seo H.**
Diffusion-weighted MR imaging for differentiation of benign from malignant lesions in the perianampullary region (SS 1201a), B-490
- Kim S.K., Jin G.Y.**
Pleuropulmonary paragonimiasis: why is this disease delayed or misdiagnosed on CT? (SS 1604), B-630
- Kim T., Kim S., Kim E., Lee J., Lim Y., Han M.**
The penumbra system - a mechanical device for the treatment of acute ischaemic stroke: a single center experience (SS 811), B-457
- Kim T., Lee G., Kim B., Kang C., Hong S., Kim Y.**
The usefulness of a new technique, dynamic cine-arthrography of wrist, compared with MR arthrography (SS 1210), B-569
- Kim Y., Lee J.**
The diagnostic advancement of axial loaded lumbar spine MR in patients with clinically suspected central canal stenosis (SS 510), B-269
- King A.D.**
Management of the post-treatment head and neck: a diagnostic dilemma: B. Surveillance imaging, tumour recurrence and treatment complications (RC 1808), A-530
- Kinner S., Umutlu L., Antoch G., Lauenstein T.C.**
Diffusion-weighted MR imaging after administration of different gadolinium contrast agents: is it still reliable? (SS 1201a), B-486
- Kiritsi O., Mikroulis G., Noussios G., Tsitas K.**
The effect of cervical spondylosis on vertebral arterial flow and its association with hearing impairment (SS 815), B-466
- Klauser A.**
New aspects in tendon imaging (SY 11), D-24
- Klauser A.**
Sports injuries: US or MRI?: B. Tendon and US (RC 1110), A-311
- Kleinman P.K.**
Child abuse: right images, right behaviour, right words: How to image and detect patterns of skeletal injury indicating child abuse (SF 2), A-036
- Kleinman P.K.**
Common musculoskeletal disorders: how to avoid the traps!: B. Non-accidental injury: a radiologist's nightmare (E3 620b), A-153
- Klotz E., Jürgens M., Goh V.J.**
Model and acquisition time-dependent differences in tumour perfusion CT (SS 1613), B-729
- Kobayashi S., Matsui O., Otani K., Gabata T., Koda W., Minami T., Ryu Y., Kawai K., Kozaka K.**
Quantitative analysis of Iodine concentration in hepatic tumours using dual energy multiphasic CT as objective index for assessment of tumour vascularity: initial experience (SS 501a), B-255
- Koehli M., Dunet V., Montemuro M., Leyvraz S., Meuli R., Prior J., Schmidt S.**
Diffusion-weighted MRI in metastatic gastrointestinal tumours (GIST): a pilot study on the assessment of treatment response in comparison with 18F-FDG PET/CT (SS 801b), B-428
- Koh D.**
How to improve the patient management in oncology with complementary techniques? (SY 10), D-16
- Koh D.**
Questions and conclusion (SY 10), D-21
- Koh D.**
Imaging as the number one tool for oncology trials: Can we assess cell density of tumours with imaging techniques? (PC 10), A-273
- Kool D.R.**
Thoracic emergencies: triage with MDCT: Chairman's introduction (SF 14), A-424
- Koral K., Gargan L., Cederberg K., Bowers D.C., Gimí B.**
Tumour/normal brain apparent diffusion coefficient value ratios allow for distinguishing common paediatric cerebellar tumours (SS 1711), B-837
- Körner M., Hempel R., Wirth S., Reiser M.F., Linsenmaier U.**
Evaluation of dose reduction in 64-row CT of the cervical spine with adaptive statistical iterative reconstruction (ASIR) using standard clinical protocols (SS 1611), B-716
- Körner M., Harrieler A., Wirth S., Reiser M.F., Linsenmaier U.**
Dose reduction in 64-row whole-body trauma CT: initial experience with adaptive statistical iterative reconstruction (ASIR) (SS 1705), B-863
- Koutalonis M.**
Simulations make us understand x-ray imaging: A. Monte Carlo simulations of x-ray tubes and x-ray spectra (RC 1513), A-494
- Kovács A., Möhlenbruch M., Hadizadeh D.R., Seifert M., Willinek W.A., Greschus S., Flacke S., Clusmann H., Urbach H.**
Non-invasive imaging after stent-assisted coiling of intracranial aneurysms: comparison of 3T-MRI and 64-MDCT (SS 811), B-451
- Krainik A.**
From neurosciences to clinical practice: Functional imaging: useful tool for the radiologist or crystal ball for the psychiatrist? (EM 1), A-123
- Krainik A., Moreaud O., Cantin S., Memin A., Keignart S., Eker O., Grand S., Le Bas J.**
Morphological subgroups in Alzheimer's disease based on the precuneus atrophy (SS 1211), B-511
- Kramer J.**
The shoulder: A. How I do it (CC 316), A-082
- Krause B.J.**
Urogenital tumours: Nuclear medicine perspective (WS 4b), A-015
- Krausé D., Loffroy R., Lerais J., Cercueil J., Guiu B.**
Cervical infiltrations under CT guidance: potential risks (a 10-year experience) (SS 1710a), B-750
- Kreitner K.**
Imaging advanced stages of ischaemic heart disease: C. Imaging patients after bypass surgery (RC 1503), A-486
- Krestan C.R.**
Metabolic bone diseases: B. Latest advance in osteoporosis (RC 610), A-150
- Krestin G.P.**
MRI and CT before cardiac interventions or surgery: Chairman's introduction (RC 1403), A-439
- Krissak R., Mistretta C.A., Henzler T., Chatzikonstantinou A., Scharf J., Schönberg S.O., Fink C.**
Noise reduction and image quality improvement of low-dose and ultra-low-dose brain perfusion CT by HYPR-LR processing (SS 1713), B-857

Authors' Index

- Krumina G.**
Focal neurological disorders: C. Interactive case discussion (CC 1418), A-413
- Kubiena H.**
Extracranial vascular malformations: imaging strategies prior to endovascular therapy: A. Pathology, correct anatomical classification and clinical work-up (RC 215), A-064
- Kudrnova S., Nemes B., Rimely E., Hüttl K.**
Stenting as an effective endovascular treatment of superior vena cava syndrome: review of hundred and fifty-four cases. Single-centre experience (SS 1609), B-635
- Kuhl C.K.**
Breast imaging in 2025: Breast cancer screening with MR imaging and nothing else (NH 10), A-269
- Kuhl C.K.**
Update in BI-RADS: C. MRI (RC 1302), A-389
- Kühn J.P., Nassif A., Oswald S., Weitschies W., Siegmund W., Puls R., Hosten N.**
Hepatic uptake and pharmacokinetics of the MRI contrast agent gadoxetate in healthy subjects: role of OATP1B1, OATP1B3 and ABCC2 (SS 406), B-224
- Kühn J.P., Friedrich N., Hegenscheid K., Evert M., Kickhefel A., Hosten N., Völzke H., Puls R.**
Noninvasive quantification of hepatic fat and iron content in an epidemiological study using T2*-corrected three-point Dixon MRI (SS 801a), B-383
- Kühnert N., Krämer N.A., Donker H.C.W., Otto J., Slabu I., Baumann M., Krombach G.A., Kuhl C., Klinge U.**
In vivo visualisation of SPIO-loaded surgical mesh implants by MRI (SS 1601b), B-653
- Küttner A.**
Systematic approach to congenital heart disease (CHD): C. MDCT: the expanding role (RC 303), A-108
- Kwong Y., Rao N., Latief K.**
Cranio-metric measurements in the assessment of basilar invagination: are they still relevant in the age of cross-sectional imaging? (SS 510), B-265
- Kwong Y., Rao N., Latief K.**
Bastrup's disease - a 'disease' or a normal feature of the ageing spine? An MDCT population study (SS 510), B-266
-
- L**
- Laghi A.**
The 3 P's of CT colonography: polyps, protocols and politics: Current status of reimbursement (SA 3), A-074
- Laghi A.**
Optical and virtual colonography: friends or enemies?: Facts from the statistician (true for once?): how accurate is CT colonography (EM 2), A-140
- Laghi A.**
The hole in the guts: C. In search of the hole: CT (CC 1117), A-318
- Laissy J., Gaxotte V., Klein I., BenDriss A., Feldman L., Ribet A., Schouman-Claeys E., Steg G., Serfaty J.**
Cardiac diffusion-weighted MR imaging in recent, subacute and chronic myocardial infarction: a pilot study (SS 103), B-093
- Laissy J., Gaxotte V., Pasi N., Ribet A., Serfaty J.**
Feasibility of cardiac diffusion-weighted MR imaging in acute myocarditis: a preliminary bicentric study (SS 403a), B-209
- Laissy J., Gueret P., Bonello L., Deux J., Bertrand D., Christiaens L., Caussin C., Crochet D., Chabbert V.**
National multicenter multivendor, prospective study to evaluate in real life the diagnostic value of cardiac multidetector CT in a large cohort of stable patients with chest pain scheduled for coronary angiography: the EVASCAN study (SS 403b), B-231
- Lambregts D.M.J., Maas M., Cappendijk V.C., Beets G.L., Beets-Tan R.G.H.**
Diagnostic value of MRI, diffusion-weighted MRI and fusion images for the detection of locally recurrent rectal cancer (SS 401b), B-163
- Lambregts D.M.J., Maas M., Bakkers F.C.H., Cappendijk V.C., Beets G.L., Beets-Tan R.G.H.**
Value of DWI for treatment monitoring after chemoradiation in rectal cancer: can ADC be used as a parameter for response? (SS 401b), B-165
- Lambregts D.M.J., Maas M., Rutten I.J.G., Backes W., Riedl R.G., Bakkers F.C.H., Cappendijk V.C., Beets G.L., Beets-Tan R.G.H.**
Gadofosveset-enhanced MRI for nodal staging in rectal cancer: predictive criteria (SS 401b), B-169
- Lammer J.**
Non-traumatic acute aortic dissection and malperfusion syndromes: B. Acute aortic dissections: detection and classification (RC 615), A-178
- Lammer J.**
Missing perfusion: abdominal ischaemic disease: A. Mesenteric angiography: diagnostic and therapeutic approach (CC 1017), A-247
- Lammer J.**
Transarterial treatment of liver tumours: major advances: Chairman's introduction (SF 18a), A-509
- Lanca L.J.O.C.**
Radiation protection and optimisation of radiological procedures: A. Diagnostic quality and patient dose management in digital radiography systems (RC 1114), A-329
- Lanzi L.I.**
Magnetic resonance imaging education "down-to-earth" (SS MS 4)
- Langs G., Kasprian G., Dittrich E., Bittner M., Brugge P.C., Prayer D.**
Measuring in-vivo foetal cortical surface development (SS 1711), B-832
- Laniado M.**
The hole in the guts: A. Wasting time with plain radiography? (CC 1117), A-316
- Lanzman R.S., Kröpil P., Schmitt P., Bi X., Miese F.R., Scherer A., Hänggi D., Turowski B., Blondin D.**
Nonenhanced ECG-gated time-resolved 4D steady-state free precession MR angiography (4D SSFP MRA) in assessment of intracranial collateral flow: comparison with digital subtraction angiography (DSA) (SS 415), B-248
- Lanzman R.S., Robson P., Mentore K., Wagner A.A., Alsop D.C., Pedrosa I.**
Arterial spin labelling (ASL) perfusion MRI of renal masses: correlation with histopathological findings (SS 1207), B-531
- Laqmani A., Adam G., Regier M.**
Initial CT and thoracic radiographic findings of H1N1 influenza virus infection in immunocompromised patients (SS 1604), B-623
- Larici A.R.**
Lung cancer: what the radiologist must report: A. Staging (E³ 220b), A-026
- Larici A.R.**
CT angiography of the chest beyond aorta: C. CT angiography for severe haemoptysis (RC 1104), A-328
- Larsen C., Reitan A., Rydning A., Olerud H., Negård A.**
Cumulated radiation dose and risk of developing radiation-induced cancer in IBD patients treated with biological therapy (SS 1601b), B-660
- Lassau N.**
New clinical data to support CEUS as the imaging modality for the monitoring of anti-angiogenesis therapies efficacy (SY 14), D-29
- Lassau N., Lacroix J., Cuinet M., Aziza R., Taieb S., Vilgrain V., Sarran A., Bonastre J., Koscielny S.**
French multicentric prospective study of dynamic contrast-enhanced ultrasound (DCE-US) for the evaluation of antiangiogenic treatments: final results (SS 801b), B-425
- Laurent F.**
Common radiological problems: cardiovascular: B. Looking at the heart in chest CT (E³ 1320), A-366
- Laurent F.**
Observational post-marketing study on the safety of Gd-DOTA: the secure study (SS 406), B-228
- Law M.**
Brain tumour: imaging and response: Advanced brain tumour imaging: complete imaging protocol (SA 6), A-163
- Lawler L.P.**
How to write better reports: How to write a good radiological report (Standards and Audit), A-241
- Lawson A., Spottiswoode B., Hess A., Meintjes E., Beningfield S., Zhong X.**
Imaging displacement and strain in the medial gastrocnemius muscle during ankle-joint motion using 2D cine DENSE MRI (SS 810), B-371
- Lawson A., Rischbieter P., Numanoglu A.**
Imaging the Rex recessus vein pre-operatively using wedged hepatic venous portography (WHVP) and Doppler ultrasonography and the role of post-operative Rex shunt surveillance (SS 1612), B-733

Authors' Index

Layré B., Manelfe J., Vedel B., Bouillet P., Aubard Y., Maubon A.J.M.
Uterine myomas treated by uterine artery embolisation, angioMRI at 48h is predictive of evolution at 6 months (SS 107), B-068

Le Bihan D.
Opening Lecture: Water: radiologists' best friend? (OL), A-071

Leclerc X.
From neurosciences to clinical practice: Stroke around the clock: will the challenger (CT perfusion) beat the champion (diffusion MRI)? (EM 1), A-124

Lecouvet F.E.
Imaging as the number one tool for oncology trials: Challenges for morphologic imaging in oncology trials: reproducibility and reading (PC 10), A-275

Lederle W., Arns S., Rix A., Gremse F., Doleschel D., Kiessling F., Palmowski M.
Failure of annexin-based apoptosis imaging in the assessment of anti-angiogenic therapy response (SS 1706), B-774

Lederman R.B., Leichter I., Zagdanski P., Stoeckel J.
A novel CAD application designed to presort cases for maximising the prevalence of breast cancer in a prioritised subset (SS 402), B-188

Lederman R.B., Leichter I., Ratner E., Stoeckel J.
Could „extreme-CAD“ in screening mammography be used to cherry-pick cases for computer-only reading? (SS 402), B-189

Lee H., Park S., Jo Y., Chang I., Yun I.
A comparison of standard dual-tip and split lumen haemodialysis catheters (SS 1609), B-639

Lee I., Kim J., Suh Y., Eo H., Shin H., Yoo S., Lee K., Hwang H.
Imaging characteristics of pilomyxoid astrocytomas in comparison with pilocytic astrocytomas (SS 1711), B-836

Lee M.J.
Professional issues in interventional radiology: education, training and standards: Future directions in IR (PC 7), A-213

Leeuwenburgh M.M.N., Thieme M.E., Wiarda B.M., Bipat S., Bossuyt P.M.M., Boermeester M.A., Stoker J.
Training MRI readers in detecting appendicitis (SS 1601b), B-652

Lefer P.
The 3 P's of CT colonography: polyps, protocols and politics: CT colonography in 2011: how far has it come (SA 3), A-073

Lehnert T., Kerl M.J., Bauer R.W., Naguib N., Nour-Eldin M., Vogl T.J.
Novel, portable, cassette-sized, and wireless flat-panel digital radiography (DR) system: initial workflow results versus computed radiography (CR) (SS 814), B-445

Leill M.
Second generation iterative reconstruction: initial results (SY 8), D-11

Leill M.M., Abels B., Klotz E., Tomandl B., Uder M.
Perfusion CT in stroke imaging: influence of post-processing (SS 511a), B-293

Lell M.M., May M., Deak P., Alibek S., Radkow T., Kalender W., Uder M.
High-pitch spiral CT: image quality and radiation dose in paediatric chest CT (SS 1212), B-593

Lembcke A., Durmus T., Rogalla P., Paul N., Hein P.
Cine imaging of the aortic valve with low radiation exposure using dynamic volume computed tomography: a feasibility study (SS 1703), B-821

Lemke H.U.
Image sharing: C. Images and models for CAS (RC 1805), A-538

Lencioni R.
Transarterial treatment of liver tumours: major advances: Combined therapies before and after ablation (SF 18a), A-513

Lenhard D., Sieber M.A., Jost G., Lengsfeld P., Huetter J., Pietsch H.
The potential role of residual gadolinium in the induction of nephrogenic systemic fibrosis in rats (SS 1606), B-710

Leonardi M.
Imaging stroke: C. Intervention in stroke (RC 1111), A-296

Leschka S.
Cardiac imaging: what's up Doc?: B. Cardiac CT: how low can dose go? (RC 203), A-053

Leschka S.
Thoracic emergencies: triage with MDCT: Radiation in emergency thoracic CT: can it be reduced? (SF 14), A-427

Li N., Liu C., Chen J.
Aortic elasticity assessment: a prospective study by using electrocardiographically gated dual-source CT (SS 115), B-042

Li W., Zhu N., Zhao X., Chen K., Chai W.
In vivo ¹H MR spectroscopy in the early diagnosis and staging of liver fibrosis induced by viral hepatitis B (SS 1601a), B-618

Li Y., Fan Z., Zhang Z.
Study of total aorta and coronary arteries with prospective ECG-triggered 320-MDCT angiography (SS 815), B-470

Liem M.K., van der Grond J., Versluis M.J., Haan J., Webb A.G., Ferrari M.D., van Buchem M.A., Lesnik Oberstein S.A.J.
Lenticulostriate arterial lumina are normal in CADASIL: a high field in vivo magnetic resonance imaging study (SS 511b), B-351

Liem M.K., Lesnik Oberstein S.A.J., Versluis M.J., Haan J., Webb A.G., Ferrari M.D., van Buchem M.A., van der Grond J.
7T MRI reveals diffuse areas of T2^{*} hypointensity in the putamen and caudate nucleus in CADASIL (SS 511b), B-352

Ligabue G., Bertugno S., De Cobelli F., Natale L., De Cecco C., Carbone I., Luzietti M., Torricelli P., Fattori R.
Late gadolinium enhanced-cardiac magnetic resonance (LGE-CMR) quantification of myocardial damage as prognostic indicator in hypertrophic cardiomyopathy (HCM) (SS 403a), B-202

Lim J.H., Cho E., Yu J.
Feasibility of CTA for renal arteries using lower tube voltage (80 kVp) and moderate-concentration of iodine contrast material: quantitative and qualitative comparison with conventional CTA (SS 1707), B-792

Linda A., Lorenzon M., Londero V., Dal Col A., Zuiani C., Bazzocchi M.
Hyperechoic nodules of the breast: are they always benign? (SS 102), B-072

Linda A., Londero V., Dal Col A., Battigelli L., Zuiani C., Bazzocchi M.
Role of breast MR in ruling out malignancy at surgical excision of B3 lesions diagnosed at core-needle biopsy: a prospective observational study (SS 502), B-311

Linda A., Zearo R., Londero V., Molinari C., Zuiani C., Bazzocchi M.
Breast MR in patients showing suspicious microcalcifications on mammography: is there any clinical value? (SS 502), B-315

Linn J., Bochmann K., Pfefferkorn T., Demaerel P.
Supratentorial superficial siderosis: localisation, clinical symptoms and differential diagnoses (SS 511b), B-355

Liu X., Zhou L., Peng W.
Biexponential apparent diffusion coefficients in different prostate tissue with echo planar imaging (EPI) sequences and high b value (SS 507), B-304

Liu Y., Xu R.
Rectal adenocarcinoma: intratumoural oxygenation level assessed with BOLD MRI and correlates with prognostic factors - initial experience (SS 401b), B-170

Liu Y., Peng Y., Gao P.
Concentration changes of whole brain grey and white matter in child patients with Tourette's syndrome: evidence from voxel-based morphometry (SS 1711), B-839

Lo Zupone C., Monti L., De Ville de Goyet J., Gennari F., Bertocchini A., D'Argento F., Illuminati S., Russo R., Tomà P.
Colour-Doppler ultrasonography (CDU) assessment in children benefiting from the meso-Rex bypass (MRB) for extra-hepatic portal vein thrombosis (EPVT) (SS 1612), B-734

Lobbes M., Cleutjens J., Lima Passos V., Frotscher C., Boetes C.
Density is in the eye of the beholder: visual versus semi-automated assessment of breast density on standard mammograms (SS 402), B-184

Lobo M.L.
Chest imaging: what to use and when to use it: A. Thoracic trauma and foreign body inhalation (RC 1512), A-497

Loewe C.
MRI and CT before cardiac interventions or surgery: A. Can CT predict the outcome of percutaneous intervention? (RC 1403), A-440

Loffroy R., Lin M.D., Rao P., Bhagat N., Liapi E., Noordhoek N., Radaelli A., Blijd J., Geschwind J.F.
Intra-procedural C-arm dual-phase cone-beam CT imaging to predict response of hepatocellular carcinoma during drug-eluting bead transcatheter arterial chemoembolisation (SS 409), B-156

Authors' Index

- Loizides A., Peer S., Ostermann S., Obernauer J., Galiano K., Gruber H.**
Ultrasound-guided versus computed tomography-controlled paravertebral injections in the lumbar spine: a prospective randomised clinical trial (SS 509), B-287
- Loizides A., Gruber H., Peer S., Galiano K., Obernauer J., Ostermann S.**
Ultrasound-guided pain control in the cervical spine: a prospective randomised clinical trial (SS 1611), B-717
- Lontero V., Ziani C., Linda A., Lorenzon M., Battigelli L., Bazzocchi M.**
High-risk breast lesions (B3) diagnosed at imaging-guided needle biopsy: can MRI-BIRADS features predict likelihood of malignancy? (SS 502), B-312
- Lord B., Zhu R., Jacks L.M., Scaranello A.M.**
The impact of pre-operative breast MRI and MRI-induced work-up on surgical delay (SS 502), B-320
- Losio C., Panizza P., Salerno A., Cristel G., Fedele I., De Iorgi V., De Cobelli F., Del Maschio A.**
Diffusion-weighted magnetic resonance imaging (DWI) of the breast: high-resolution sagittally-oriented versus conventional axial echo-planar sequences (SS 1602), B-673
- Lovrenski J., Sorantin E., Stojanović S.**
Prediction of bronchopulmonary dysplasia using lung ultrasonography within the first 24 hours of life (SS 1212), B-595
- Löwik C.W.G.M.**
Molecular imaging made easy: Probes and targets in optical imaging (SF 15a), A-469
- Lu L., Zhang L., Zhou C., Wang M., Lu G.**
Digital subtraction CT angiography for the diagnosis of intracranial aneurysms in 506 patients: correlation of three-dimensional digital subtraction angiography (SS 811), B-454
- Lu L., Zhang L., Lu G., Zhou C., Zhao Y., Luo S.**
Dual-energy CT pulmonary angiography of pulmonary embolism: comparison of image quality and clot visualisation at 80 kVp, 140 kVp and weighted average images (SS 1704), B-754
- Lu L., Zhang L., Chen B., Bi J., Lu G., Zhou C.**
Detection of acute pulmonary embolism in rabbits: correlation of dual-energy CT, MR angiography and perfusion imaging at 3T (SS 1704), B-760
- Lu M., Zhao S., Liu S., Jiang S., Liu Q.**
Effects of autologous bone marrow mononuclear cell transplantation through coronary artery bypass grafting in patients with old myocardial infarction assessed by MRI (SS 1603), B-691
- Lu T.C., Becc F., Frascarolo P., Denys A., Bize P., Schmidt S.**
Functional MRI evaluation of liver tumour response after radiofrequency: short- and mid-term evolution of diffusion parameters (SS 801b), B-427
- Luciani A., Lin C., Pigneur F., Haioun C., Itti E., Rahmouni A.**
Functional and ultra structural MR: A. Diffusion imaging and whole body MRI (MC 322), A-095
- Lucidarme O.**
Tumour evaluation: beyond morphology: Chairman's introduction (RC 701), A-206
- Luijkx T., Velthuis B.K., Prakken N.H.J., Mali W.P.T.M., Cramer M.J.M.**
Steroid-induced left ventricular hypertrophy in strength athletes on cardiac MRI (SS 503), B-340
- Luijkx T., Velthuis B.K., Prakken N.H.J., Cox M.G.P.J., Bots M.L., Mali W.P.T.M., Hauer R.N.W., Cramer M.J.**
Impact of revised task force criteria in distinguishing the athlete's heart from ARVD/C using cardiac magnetic resonance imaging (SS 1703), B-830
- Lummel N., Schoepf V., Burke M., Brückmann H., Linn J.**
Three-dimensional fluid-attenuated inversion recovery imaging: reduced cerebrospinal fluid artefacts and enhanced sensitivity and specificity for subarachnoid haemorrhages (SS 1213), B-588
- Luo Z., Shen B., Wang D., Sun X., Chan N., Zhang H.**
Radiation dose delivered during one-stop scanning of the nervous system performed on 320-detector row dynamic volume CT (SS 1611), B-715
- Lv P., Lin X., Li J., Chen K.**
Clinical utility of non-enhanced CT spectral imaging for differentiating hepatocellular carcinoma from hepatic haemangioma: initial experience (SS 101a), B-010
- Lysdahl K.B., Hofmann B.M., Espeland A.**
Radiologists' responses to inadequate referrals (SS 814), B-449
- M**
- Ma N., Zhao S., Yin G., Lu M., Jiang S., Cheng H., Zuehlsdorff S.**
Comparison of free-breathing 3D and conventional 2D late gadolinium enhancement cardiac MR for the evaluation of left ventricular infarction (SS 103), B-098
- Maas M.**
The knee: C. Identifying and reporting abnormal findings (CC 616), A-145
- Maas M., Lambregts D.M.J., Berkhof M., Beets G.L., Beets-Tan R.G.H.**
Can restaging-MRI identify changes in nodal distribution that may explain a better selection of the yN0 rectal cancer patients? (SS 401b), B-161
- Maas M., Lambregts D.M.J., Leijten J.W.A., Engelen S.M.E., van Dam R.M., Beets G.L., Beets-Tan R.G.H.**
Selection of patients with rectal cancer for local excision with lymph-node-specific contrast-enhanced MRI (SS 401b), B-167
- Maas M., Lambregts D.M.J., Rutten I.J.G., Nelemans P.J., Cappendijk V.C., Beets G.L., Beets-Tan R.G.H.**
Whole-body imaging for the detection and evaluation of metastatic and recurrent disease in the follow-up for colorectal cancer (SS 1201b), B-528
- Maccioni F.**
Dynamic MR imaging of the pelvic floor: easy and useful: Indications and spectrum of pathological findings (SF 6), A-171
- Mack M.G.**
Runny and stuffy noses: paranasal sinus imaging: Chairman's introduction (RC 1008), A-286
- MacLennan G.S., Lawrence G., Boachie C., Heys S.D., Gilbert F.J.**
Second breast cancer size and survival following treatment for primary (SS 402), B-183
- Madureira A.J.B.S.**
Systematic approach to congenital heart disease (CHD): A. Vascular rings and other congenital vascular things (RC 303), A-106
- Maffei E., Martini C., Arcadi T., Seitun S., Clemente A., Brunetti N., Cademartiri F., Guaricci A.**
Incremental value and safety of oral ivabradine for heart rate reduction in computed tomography coronary angiography (SS 403b), B-236
- Maffei E., Martini C., Arcadi T., Seitun S., Capuano E., Romano I., Romano I., Lario C., Cademartiri F.**
Ex-vivo classification of non-calcified coronary atherosclerotic plaque components on CT coronary angiography: impact of neighbouring attenuation and density thresholds (SS 1203), B-498
- Magnaldi S., Wibmer A., Bastati N., Muin D., Baroud S., Ba-Ssalamah A.**
Diagnostic work-up of segmental cholangitis using DWI and Gd-EOB-DTP-enhanced MRI (SS 1701), B-844
- Maher M.M.**
Ultra low dose abdominal CT with iterative reconstruction technologies: how low can you go? (SY 19), D-40
- Mahnken A.H.**
Optimising contrast media application for modern imaging (SY 8), D-10
- Mahnken A.H., Grommes J., Plumhans C., Langer S., Wittens C.**
Catheter-directed thrombolysis in caval thrombosis with the EKOS catheter: preliminary results (SS 1609), B-636
- Mahnken A.H., Keulers A., Vargas da Silveira Cunha Cruz V.C., Bruners P., Kuhl C., Schmitz-Rode T.**
Biomedical assessment of different bone biopsy needles (SS 1710a), B-749
- Maier A.**
Rectal cancer imaging: all you need to know: A. Staging with US and CT (RC 1501), A-477
- Maiwald B., Lobsien D., Kahn T., Stumpp P.**
Comparison of 64-slice CT and 3-T-MRI with DWI for the detection of hepatocellular carcinoma (SS 101a), B-007
- Malagari K.**
Transarterial treatment of liver tumours: major advances: Embolisation of HCC with drug eluting beads (SF 18a), A-511
- Malago R., Pezzato A., Barbiani C., Pozzi Mucelli R.**
Role of coronary angiography MDCT in the clinical setting: changes of diagnostic workup and economic implications (SS 503), B-333
- Malago R., Barbiani C., Rainer S., Caliari G., Pezzato A., Vallerio P., Fratta Pasini A., Pozzi Mucelli R.**
Prognostic value of subclinical artery disease: correlation between MDCT-CA and carotid artery MRI (SS 1203), B-496

Authors' Index

Malich A., Mikulik S., Henrich D.

Verification of feasibility and clinical role of computer-assisted analysis of functional parameters of the lung obtained from CE-MS-CT (SS 105), B-125

Malich A., Kott A., Klma M., Roth C.

Does the application of CAD prior to planned stereotactic biopsy prevent unnecessary biopsies of B2 lesions? An analysis of screening-selected cases (SS 402), B-190

Malich A., Kott A., Gorna R.

Automated quantitative computer-assisted analysis of elastography to discriminate breast lesions (SS 1605), B-645

Mallarajapatna G.J., Ramanna N., PS S., Swamy K., BS A.

Feasibility of CT-guided percutaneous fiducial marker placement for stereotactic radio-surgery of inoperable pancreatic cancers (SS 509), B-284

Malone D.E.

Missing perfusion: abdominal ischaemic disease: C. Clinical management: what you need to know (CC 1017), A-249

Malone D.E.

Imaging adenocarcinoma: C. Detection and staging: multimodality comparison (MC 1119), A-315

Maly Sundgren P.C.

Brain tumour: imaging and response: Monitoring and prediction of treatment response (SA 6), A-164

Mamisch T.C.

Clinical relevance and potential of 3 Tesla for musculoskeletal imaging: first experiences using MAGNETOM Skyra (SY 16), D-34

Mamisch T.C.

The basics of MSK MRI at 3T: B. Pitfalls, strengths and weaknesses (CC 1016), A-256

Mang T.

CT colonography: the big picture: B. Guide to interpretation and generating a useful report (RC 1401), A-409

Manganaro L., Vinci V., Tomei A., Fierro F., Sergi M.E., Sollazzo P., Bernardo S., Ventriglia F., Marini M.

Measurements of the great vessels for the detection of aortic coarctation with fetal cardiovascular MRI: preliminary experience (SS 1603), B-693

Maqbool M.

A day in the life of a radiology resident (SS MS 3)

Marchesi V., Fiocchi F., Ligabue G., Liardo E., Cucca M., Bagni B., Torricelli P.

Comparison between PET/CT and PET and CT in the initial staging of patients with Hodgkin's lymphoma (SS 106), B-117

Marcia S., Boi C., Erbi V., Marini S., Marras M., Mellarini G.

Efficacy of percutaneous vertebroplasty with a bone substitute: a preliminary experience (SS 1209), B-504

Maris T.G.

Safety first: C. Ensuring safety for infants undergoing MRI (RC 1312), A-407

Maroldi R.

Management of the post-treatment head and neck: a diagnostic dilemma: Chairman's introduction (RC 1808), A-528

Maroldi R.

Management of the post-treatment head and neck: a diagnostic dilemma: C. Predicting outcome after radiation therapy in head and neck cancer: what is evidence-based? (RC 1808), A-531

Marti M., Pinilla I., Quintana M., Rodriguez H., Figueira J.C., Prados C.

Chest radiographic findings in H1N1 infection: comparison with seasonal influenza infection (SS 1604), B-621

Martí M., Pinilla I., Quintana M., Rodriguez H., Figueira J.C., Prados C.

Radiological prognostic factors in patients with H1N1 infection requiring hospital admission (SS 1604), B-622

Martincich L., Faivre-Pierret M., Zechmann C.M., Corcione S., van den Bosch H.C., Peng W., Petrillo A., Siegmann K., Heverhagen J.T.

Multicenter, double-blind, randomised, intraindividual crossover comparison of gadobenate dimeglumine and gadopentetate dimeglumine for MR imaging of the breast (DETECT) (SS 1602), B-671

Martini C., Ferrero G., Cicio G., Scofienza L., Silvestri E.

Five-year ultrasound survey of functional overload injuries of patellar and Achilles tendons in elite rugby players (SS 810), B-373

Martinoli C.

Sports injuries: US or MRI?: A. Muscle and US (RC 1110), A-310

Masala S.

Musculoskeletal interventions: A. Guidelines for spinal infiltrations and nerve blocks (RC 1509), A-465

Masciocchi C.

Postoperative imaging of the lower extremity: C. Ankle (RC 1310), A-378

Massellii G.

Gynaecologic emergency and its mimics: A. Imaging of emergencies in pregnancy (RC 307), A-089

Massmann A., Katoh M., Tscholl D., Seidel R., Fries P., Schneider G.K., Schaefers H., Buecker A.

Stent collapse after uncovered abdominal aortic stenting in sub-/acute complicated Stanford type B dissection (SS 1609), B-632

Massmann A., Wirth M., Schreiber M., Fries P., Seidel R., Katoh M., Geisthoff U.W., Buecker A., Schneider G.K.

MRI and contrast-enhanced MRA for the initial detection of an involvement of Osler-Rendu-Weber disease/hereditary haemorrhagic telangiectasia and follow-up after embolisation therapy of pulmonary AVMs (SS 1615), B-690

Matos C.

Abdominal MRI: protocols that work: C. Pancreas and bile ducts (RC 1301), A-364

Matthews K., McEntee M.

Mobile chest radiography on special care baby units: can we improve our practice? (SS 1214), B-578

Maurer M.H., Heine O., Wolf M., Hamm B.

Safety and tolerability of ibitridol in general and in patients with risk factors: results in more than 160,000 patients (SS 1606), B-702

Mazonakis M., Pagonidis K., Grinias E., Damilakis J.

A new algorithm for automatic segmentation of the left ventricular cavity in cardiac MRI (SS 1605), B-648

Mazzoni L.N., Pasquinelli F., Nardi C., Belli G., Regini F., Colagrande S.

Variation with age of the apparent diffusion coefficient (ADC) of the liver parenchyma: an in vivo versus in vitro study (SS 1201a), B-483

Mbalisike E.C., Gurung J., Azizi A., Farshid P., Davishi A., Vogl T.J.

Transarterial thoracic chemoperfusion in the treatment of malignant pleural mesothelioma: assessment using C-arm CT and CT (SS 109), B-035

Mbalisike E.C., Gurung J., Azizi A., Farshid P., Al hazimeh B., Jacobi V., Vogl T.J.

Detectability of liver metastatic breast lesions with both the C-arm CT and MRI: assessment of lesion vascularisation at the first and last TACE (SS 801b), B-423

Mbalisike E.C., Azizi A., Darvishi Nakhl Ebrahimi A., Farshid P., Elsabaie M., Vogl T.J.

C-arm CT versus MRI: degree of vascularisation with influence on the response of liver metastatic colorectal carcinoma during TACE (SS 801b), B-424

Mc Entee M.F., Kelly B., Rainford L.

Can collaboration between radiographers and non-consultant hospital doctors during image interpretation improve the accuracy of diagnostic decisions? (SS 814), B-444

Mc Entee M.F., Kinsella C.

Reducing dose to the patient through PA techniques for the clavicle (SS 1214), B-576

Mc Laughlin P., O Neill S., Mc Garrigle A., Coyle J., Brennan C., Maher M.M.

Apple iPad and emergency CT brain interpretation: a phantom and clinical imaging study (SS 1611), B-718

McCann C.A., Lima T., Jayawardena M., Farrell C., Monaghan C., Holemans J., Fewins H., Binukrishnan S., Irion K.

Is a new routine for contrast medium injection rate and volume compromising the quality of enhancement on CT scans? (SS 1606), B-708

McCarthy C.J., Brophy D.P., Cantwell C.P.

Cloud computing and radiology: applications, challenges and future developments (SS 1705), B-870

Mehta D., Virmani S.

Low dose CT colonography: feasibility of using iterative reconstruction algorithms for improved 3D interpretation of polyps (SS 501b), B-322

Meier R., Braren R., Steingötter A., Kosanke Y., Gille H., Rummeny E.J., Schwaiger M., Beer A.J.

Multimodality imaging for assessment of early tumour response to antiangiogenic therapy with anticalcins in a preclinical sarcoma model with MRI and FDG-PET (SS 106), B-113

Authors' Index

Meier R., Thürmel K., Moog P., Noel P., Ahari C., Sievert M., Dorn F., Schäffeler C., Waldt S., Wörtler K., Rummeny E.J.
Detection of acute inflammation in patients with arthritic finger joints with optical imaging in comparison to MRI (SS 1610), B-603

Meindl T.
CTU and MRU: urinary tract imaging: A. CTU/ MRU in acute obstruction (RC 707), A-196

Mendelson R.M.
Abdominal lymphoma: B. Hollow abdominal viscera (RC 301), A-080

Mensel B., Bock K., Mohr M., Hosten N., Rosenberg C.
Long-term results after laser ablation of pulmonary metastases (SS 109), B-037

Menu Y.
Essentials in oncologic imaging: what radiologists need to know (part 3): A. Oncologic imaging: terminology, definitions and buzzwords (MC 1325), A-399

Merhemic Z.
Update on brain aneurysms: B. CTA/MRA in aneurysm diagnosis (RC 1411), A-437

Messina C.
How radiology is changing: three unavoidable challenges for the future (SS MS 2)

Metafratz Z.M., Alexiou E., Fanariotis M., Saougou I., Vlahos K., Drosos A., Tsampoulas K.
Pulmonary findings in ankylosing spondylitis by HRCT: correlation with disease indexes (SS 504), B-276

Metzger L., Attenberger U.I., Haneder S., Schönberg S.O., Michalek H.J.
Static renal BOLD-MRI does not reflect renal function: a prospective study in 246 patients (SS 1207), B-532

Meuli R.A.
Brain perfusion made easy: CT/MR?: Techniques for CT and MR, post-processing, radiation (SF 18b), A-519

Meunier F., Parizel P.M.
Imaging as the number one tool for oncology trials: Chairmen's introduction (PC 10), A-271

Meyer E., Baer M., Raupach R., Kachelrieß M.
A new method for scatter correction in cone-beam CT and its application to patient data and metal artefact reduction (SS 513), B-363

Meyer E., Raupach R., Lell M., Schmidt B., Kachelrieß M.
Advanced interpolation for normalised metal artefact reduction (NMAR) in CT (SS 513), B-365

Meyer M., Weininger M., Schoepf U.J., Rowe G., Nance J.W., Kang D., Chiaramida S.A., Fink C., Henzler T.
Cost-effectiveness and lifetime benefits of substituting dual-energy CT for SPECT in the assessment of myocardial perfusion in patients with suspected or known coronary artery disease (SS 503), B-334

Mezzetta L., Loffroy R., Guiu B., Sagot P., Cercueil J., Krausé D.
Immediate and long-term follow-up after uterine artery embolisation in post-partum haemorrhages: monocentric study of 88 patients (SS 1709), B-764

Miccò M., Gui B., Valentini A., D'agostino G., Smaniotto D., Bonomo L.
Accuracy of magnetic resonance imaging in predicting residual disease in local advanced cervical carcinoma (FIGO > IIB) after chemoradiation therapy: correlation with histopathologic results (SS 107), B-063

Michaely H.J., Metzgeroth G., Haneder S., Riffel P., Schönberg S.O., Reiter A.
Whole-body MR-imaging allows to differentiate indolent from aggressive systemic mastocytosis (SS 110), B-052

Midulla M., Moreno R., Chau M., Negre-Salvayre A., Berry I., Pruvot J., Rousseau H.
Haemodynamic imaging of the thoracic aorta by computational fluid dynamics (CFD): status quo of the project at two years from the presentation of the method (ECR 2008) (SS 115), B-043

Miles K.A., Goh V.J.
Not just Hounsfield numbers: CT aimed at the fifth dimension?: CT contrast perfusion (NH 6), A-136

Miletto A., Racchiusa S., Gaeta M., Ascenti G., Mazzotti S., Zimbalo F., Scribano E., Caloggero S., Blandino A.
Split-bolus CT-urography in dual-energy (DE) mode: there is a real dose reduction? (SS 1707), B-791

Milosevic Z.C., Nadrljanski M.
Artefacts in direct digital full-field mammography (SS 1702), B-810

Minar E.
Vascular imaging: diabetes and vascular occlusive disease: A. Metabolic syndrome, diabetes and vascular disease: what do we need to know? (RC 715), A-225

Minko P., Jaeger S., Buecker A., Katoh M.
Directional atherectomy of heavily calcified stenotic lesions of the lower limb within joint segments (SS 809), B-406

Mirka H.
Thoracic emergencies: triage with MDCT: MDCT in chest trauma: indications, technique and interpretation (SF 14), A-426

Mishah N.M.
The effect of utilising SMS technology on patient care in radiology (SS 814), B-448

Miyagi H., Kitagawa K., Kato S., Takase S., Yoon Y., Sigfridsson A., Nagata M., Sakuma H.
Quantitative assessment of myocardial strain with DENSE MRI in patients with coronary artery disease (SS 103), B-092

Modo M.
Visualisation of cell therapy meets clinical application: Visualising transplanted neural stem cells and tissue regeneration by MRI (ENCITE), A-342

Moltz J.H., Schwier M., Soza G., Tietjen C., Peitgen H.
Automatic lesion tracking for CT-based chemotherapy monitoring (SS 1605), B-649

Monguzzi L., Ippolito D., Capraro C., Colombo M., Talei Franzesi C., Invernizzi F., De Ponti E., Sironi S.

The added value of diffusion weighted imaging in combination with T2 weighted imaging for the evaluation of rectal cancer response to neoadjuvant treatments (SS 401b), B-162

Monpeyssen H., Correas J., Tramalloni J., Poiree S., Voilemet N., Jais J., Hélinon O.
Correlations between shearwave elastography of thyroid nodules and cytological data: study about 157 patients (SS 1708), B-814

Monteiro M., Catarino A., Fernandes E.
Optimisation and dose reduction in CT of the skull (SS 1214), B-572

Monti L., De Ville de Goyet J., Lo Zupone C., Gennari F., Candusso M., D'Argento F., Illuminati S., Russo R., Tomà P.
Imaging of complications in paediatric liver transplantation: findings in "split liver" transplantation (SS 1612), B-732

Moon S., Joo I., Lee J., Kim S., Han J., Choi B.
Diagnostic performance of multidetector-row computed tomography in the staging of stomach cancer: a comparative analysis with histopathology according to the 7th edition of the American Joint Committee on Cancer (AJCC) cancer staging manual (SS 101b), B-015

Moon S., Kim S., Suh K., Yi N., Lee J., Han J., Choi B.
Acoustic radiation force impulse (ARFI) elastography for evaluation of diffuse liver disease: phantom and clinical studies (SS 1601a), B-611

Moore R.J., Mullan D.P.G., Healey P., Hughes M.
Radiographer led real time review of CT colonography: initial experiences (SS 814), B-447

Morana G.
Imaging inflammation and function: B. Chronic pancreatitis (MC 719), A-188

Morana G., Fuser M., Cugini C., Cancian L., Ferro F.
Small cystic lesions of the pancreas: incidence and size changes in a large series population (SS 401a), B-137

Morcos S.K.
Contrast media: always as safe as we wish?: Chairman's introduction (RC 306), A-113

Morella M., Moschetta M., Capodiferro S., Maiorano E., Favia G., Angelelli G.
Endocavitory sonography in the study of oral cavity tumours (SS 408), B-192

Morgan R.
The ABC of EVAR: Endovascular treatment of abdominal aortic aneurysms (SF 3b), A-119

Morin J., Billiard J., Olivié D., Lepanto L., Murphy-Lavallée J., Belblidia A., Pomier Layargues G., Tang A.
Predictive factors of spontaneous bacterial peritonitis among patients referred for paracentesis in the radiology department (SS 1709), B-769

Authors' Index

Morisaka H., Motosugi U., Ichikawa T., Sou H., Araki T.
Gadoxetic acid-enhanced magnetic resonance imaging for evaluation of pancreatic adenocarcinoma and liver metastasis (SS 401a), B-138

Mueller S.P.
Radiation exposure: Nuclear medicine perspective (WS 1b), A-006

Muenzel D., Noel P.B., Dorn F., Dobritz M., Rummelen E.J., Huber A.
Heart rate and heart rate variability: what is the effect on motion and stairstep artefacts in step-and-shoot coronary CT angiography at a 256-slice CT scanner? (SS 403b), B-234

Murolo C., Serafini G., Savarino E., Sconfienza L.M.
Image-guided biopsy of pleuric and peripheral lung lesions: comparison between ultrasound (US) and computed tomography (CT) guidance (SS 509), B-288

Musset D.
Welcome and introduction (SY 11), D-22

Mussmann B.R.
Radiography as an ethical practice: A. The relationship between man and technology in radiographic practice: a narrative approach (RC 1014), A-283

N

Naguib N.N.N., Nour-Eldin N.A., Lehnert T., Gruber-Rouh T., Vogl T.J.

Prediction of the predominant side of arterial supply to the uterine leiomyomas using uterine artery Doppler before uterine artery embolisation (SS 107), B-067

Nakano S., Yorozuya K., Fujii K., Yoshida M., Fukutomi T., Kimura J., Ohshima Y., Ishiguchi T., Arai O.

Impact of real-time virtual sonography, a coordinated sonography and MRI system with magnetic navigation, on the preoperative staging of breast cancer (SS 1702), B-804

Nance J.W., Schoepf U.J., Oberoi S., Barraza J.M., Headden G.F., Bamberg F.
CT characterisation of coronary atherosclerosis: prognostic value in patients with acute chest pain (SS 1203), B-492

Napoli A., Zaccagna F., Anzidei M., Cartocci G., Molisso L., di Mare L., Catalano C., Passariello R.
"Fail to plan and you plan to fail". Patient management and therapy decision according to transatlantic inter-society consensus (TASC) guidelines for peripheral artery obstructive disease (PAOD): a prospective 64-CT angiography study using DSA as reference (SS 515), B-349

Napoli A., Zaccagna F., Anzidei M., Cartocci G., Molisso L., di Mare L., Catalano C., Passariello R.
In vivo quantification of total atherosclerotic burden: prognostic accuracy of whole body CTA in relation to traditional cardiovascular risk index and 5-year follow-up (SS 1203), B-491

Napoli A., Anzidei M., Catalano C., Mastantuono M., Zaccagna F., Molisso L., Cartocci G., di Mare L., Passariello R.
Pain palliation of bone metastasis: initial clinical experience using high intensity focused ultrasound therapy with magnetic resonance guidance (SS 1209), B-507

Napoli A., Anzidei M., Ciolina F., Di Mare L., Molisso L., Cartocci G., Catalano C., Passariello R.
Non-invasive treatment of symptomatic leiomyomas: initial experience using magnetic resonance-guided focused ultrasound technology (SS 1709), B-766

Näppi J., Park S.H., Regge D., Yoshida H.
Comparative performance of novel context-sensitive CAD and conventional CAD in the detection of flat lesions in CT colonography (SS 501b), B-328

Natale L.
Imaging advanced stages of ischaemic heart disease: B. MR perfusion imaging: how much quantification do we need? (RC 1503), A-485

Natale L., Meduri A., Bernardini A., Napolitano C., Marano R., Bonomo L.
T2* measurement in acute myocardial infarction: insight haemorrhage and microvascular infarction (SS 103), B-095

Navallas M., Lisbona M.P., Ares J., Maymo J., Esteban A., Solano A.
Repair of joint erosions in rheumatoid arthritis patients after one year treatment with anti-TNF therapy: a magnetic resonance imaging study (SS 1610), B-602

Nederend J., van Breest Smallenburg V., Louwman M.W.J., Voogd A.C., Groenewoud J.H., Jansen F.H., van Beek M., Duijm L.E.M.
Effect of previous benign breast surgery on cancer detection at screening mammography (SS 1702), B-806

Nemec U., Nemec S.F., Weber M., Brugger P.C., Kasprian G., Prayer D.
Sexual development in utero: testicular descent on prenatal MRI (SS 1707), B-800

Neri E.
Computer-aided detection/diagnosis: C. CAD in oncology: from principles to clinical implementation (RC 205), A-070

Neubauer H., Hartung B., Wendel F., Pabst T., Kenn W., Hahn D.
Conventional defecography versus MR defecography for diagnosing obstructive defecation syndrome: is patient exposure to radiation still justified? (SS 1601b), B-656

Neuwirth J.
Dyspnea: A. Clinical considerations (CC 718), A-190

Newton T., Wong K., Mehrez H., Menezes R., Crean A., Nguyn E., Paul N.S.
Radiation dose threshold for coronary artery calcium score with MDCT: how low can you go? (SS 503), B-337

Nicholson A.
The trauma patient: Chairman's introduction (RC 209), A-031

Nicolau C.
Urogenital tumours: Radiology perspective (WS 4b), A-014

Nievelstein R.A.J.
Safety first: B. CT in children: dose reduction strategies (RC 1312), A-406

Niggemann P., Kuchta J., Höffer J., Grosskurth D., Beyer H., Delank K.
Juxtafacet cysts of the lumbar spine: a positional MRI study (SS 510), B-267

Nijenhuis R.J., Krings T., Mull M., Thron A.K., Wilimink J.T., Backes W.H.
Spinal cord: C. Vascular disorders of the spinal cord (RC 1811), A-524

Nikolaou K.
Advances in vascular imaging: B. Dual energy CT and time resolved CT (RC 1815), A-533

Ning E., He W., Xu Y., Ma D., Li J.
The volumetric measurement accuracy for ground-glass opacity nodules with low-dose high-definition CT: a chest phantom study (SS 404), B-142

Nishiofuku H., Marugami N., Tanaka T., Anai H., Sueyoshi S., Sho M., Nakajima Y., Kichikawa K.
Apparent diffusion coefficient as an imaging biomarker to predict the survival in patients with unresectable pancreatic cancer (SS 401a), B-133

Nitrosi A., Bertolini M., Rivetti S., Lanconelli N., Pappacini P., Ginocchi V., Iori M.
Effective detective quantum efficiency of digital radiography systems in chest examinations: comparison between a wireless direct radiography detector and other widely used digital radiography system (SS 1213), B-589

Niwa T., Aida N., Kawaguchi H., Obata T., Tachibana Y., Watanabe R., Shibasaki J.
Spatial dependency of phase shift in the cerebral venous system of neonates using susceptibility-weighted magnetic resonance imaging (SS 812), B-476

Noebauer-Huhmann I., Krssak M., Amann G., Panotopoulos J., Funovics P., Kainberger F., Trattnig S.

MR-guided biopsy of soft tissue tumours at 3Tesla-MRI: site selection by the use of dynamic contrast enhanced MR imaging (DCE), multivoxel ¹H-MR spectroscopy (¹H-MRS), and diffusion weighted imaging (DWI) (SS 1710a), B-745

Nomura Y., Hayashi N., Masutani Y., Yoshikawa T., Nemoto M., Hanaoka S., Miki S., Ohtomo K.

Development and long-term validation of web-based CAD server for synergic performance improvement of CAD software and radiologists (SS 1705), B-868

Notohamiprodjo M., Pedersen M., Glaser C., Helck A.D., Reiser M.F., Sourbron S.P.
Comparison of Gd-DTPA and Gd-BOPTA for studying renal perfusion and filtration with MR-renography (SS 1207), B-534

Notohamiprodjo M., Herrmann K.A., Weiss M., Baumeister R.G.

MR-lymphangiography for visualisation of dermal backflow in patients with lymphoedema of the lower extremity (SS 1615), B-681

Nour-Eldin N.A., Naguib N.N., Ola A., Gruber-Rouh T., Lehnert T., Vogl T.J.
Role of pulmonary transarterial chemoembolisation followed by microwave ablation therapy in the treatment of pulmonary metastases (SS 109), B-032

Authors' Index

Nour-Eldin N.A., Naguib N.N., Ola A.,

Gruber-Rouh T., Lehnert T., Vogl T.J.

MRI chest parameters used in the assessment of tumour response post-microwave ablation of pulmonary neoplasms (SS 109), B-033

Nour-Eldin N.A., Ola A., Naguib N.N., Vogl T.J.

MRI features and volumetric changes of suprarenal neuroblastoma following (wait and see) protocol of therapy (SS 1612), B-737

Ntaliani A., Tzanos G., Tsavalas N.,

Vassalou E., Karantanas A.H.

Are all patients with anterior cruciate ligament tear able to undergo a double-bundle reconstruction? An MRI study (SS 1710b), B-784

Nyman U., Elmstahl B., Geijer H., Leander P., Almén T., Nilsson M.

Iodine contrast media iso-attenuating with gadolinium doses proven diagnostic in CTA and angiography: a way to void both CIN and NSF in azotemia? (SS 1606), B-707

O

Oberoi S.

A medical student's journey in research and radiology (SS MS 3)

O'Connell M.

Lymphoma: Radiology perspective (WS 5), A-016

O'Connell M.

Radiology and nuclear medicine: really a joint venture: Evaluation of tumour response to therapy: the role of radiology (PC 2), A-056

O'Leary D., Rainford L.

Optimisation of compression, image quality and radiation dose in mammography in Ireland (SS 1214), B-574

O'Leary D., Rainford L., Grant T.

Greater links to image quality should be applied to mean glandular dose diagnostic reference levels (SS 1702), B-808

O'Leary D., Rainford L.

An objective method for classification of symptomatic mammography images in clinical audit (SS 1702), B-809

O'Shaughnessy E.

Reducing CT dose in myocardial perfusion SPECT/CT (SY 16), D-32

Oberhofer N.

Comparison of new digital mammography systems: physical characterisation and image quality evaluation (SS 1613), B-722

Oberholzer K., Menig M., Hoetker A., Kreft A., Junginger T., Heintz A., Schmidberger H.

Rectal cancer: mucinous carcinoma on MR imaging indicates poor response to neoadjuvant chemoradiation (SS 1201b), B-530

Oberoi S., Nance J.W., Meyer M., Barraza J.M., Schoepf U.J.

Relationship between progression of arterial stiffness and atherosclerotic burden over time (SS 815), B-468

Oberoi S., Barraza J.M., Thilo C., Schoepf U.J.

Reproducibility of assessment of non-calcified coronary artery plaque burden across different image analysis platforms (SS 1203), B-500

Ogunwale B., Al-Islam S., Young D., Carter R., Philips N.R., Mubashar M., Chiu W.W.Y., Benjamin-Laing H., Bhatti W.
Efficacy of dry needling for supraspinatus calcific tendonitis (SS 1710a), B-743

Ohno Y., Nishio M., Onishi Y., Koyama H., Matsumoto K., Yoshikawa T., Matsumoto S., Takenaka D., Sugimura K.

First-pass perfusion CT on 320-detector row CT: comparison of differentiation capability of malignant from benign pulmonary nodules with first-pass dynamic MRI and PET/CT (SS 404), B-143

Omoumi P., Rubini A., Vande Berg B.C., Lecouvet F.E.

Detection of hyaline cartilage lesions of the glenohumeral joint: a comparative study of multiple detector CT-arthrography and MR-arthrography at 1.5T, with arthroscopic correlation (SS 1210), B-563

Omoumi P., Vande Berg B.C., Lecouvet F.E.

Evaluation of rotator cuff lesions: a comparative study of multi-detector CT-arthrography and MR-arthrography at 1.5T, with arthroscopic correlation (SS 1210), B-564

Opfermann K.J., Cooper S.L., Jenrette, III J.M.

Volumetric increase in Schwannoma on surveillance brain MRIs following stereotactic radiosurgery: a review of predictive factors (SS 411), B-218

Oreti D.S.

Radiography as an ethical practice: B. Ethical codes across Europe (RC 1014), A-284

Orlandi D., Sconfienza L., Martini C., Ferrero G., Silvestri E.

Sonoelastography of plantar fascia: comparison among healthy subjects and patients affected by plantar fasciitis (SS 810), B-372

Österås B., Gullien R., Haakull A., Skaane P.

Assessment of dose ratio for digital breast tomosynthesis vs FFDM mammograms for different BI-RADS density categorised breasts: a dose survey using the European dosimetry protocol (SS 1613), B-725

Ou S., Qi Y., Peng G.

Correlation between myocardial bridge and myocardial ischemia by dual energy CT (SS 403b), B-239

Owens C.M., Cacaci S.

Thoracic diseases: common, important and potentially devastating: A. Investigating a child with a „cough“: a pragmatic approach (E³ 520), A-129

Ozgen Mocan B., Sanverdi E., Oguz K.K., Mut M., Dolgun A., Soylemezoglu F.

Correlation between apparent diffusion coefficient values and histopathological subtype of meningiomas (SS 411), B-211

P

Paalimäki-Paakkil K.

Radiography as an ethical practice: C. Ethical problems in diagnostic radiology in terms of radiation protection (RC 1014), A-285

Pache G., Buerk J., Bulla S., Langer M., Blanke P.
Influence of body region adapted reference tube current modulation on radiation dose for oncologic staging examinations of the thorax and abdomen with computed tomography (SS 104), B-026

Pache G., Krauss B., Blanke P., Bulla S., Langer M., Baumann T.

Dual energy „virtual non-calcium“ technique: detecting posttraumatic bone bruises of the knee with computed tomography (SS 1610), B-609

Padhani A.R.

Dynamic contrast-enhanced (DCE) imaging: B. DCE-MR (MC 622), A-156

Padhani A.R., Schlemmer H.

Prostate cancer: what the radiologist must report (E³ 1520), A-457

Padley S.P.G.

When CT sees both the heart and the lungs: A. Anatomic cardiac details that every radiologist should know (RC 1304), A-380

Padrenostro M., Della Vigna P., Monfardini L., Rizzo S., Aurilio G., Preda L., Bellomi M.

May CT-guided bone biopsy be considered helpful in advanced breast cancer (ABC) management? (SS 509), B-282

Pagniez J., Pontana F., Faivre J., Hachulla A., Rémy-Jardin M., Rémy J.

Chest computed tomography using iterative reconstruction vs filtered back projection: image quality of low-dose CT examinations in 80 patients (SS 1704), B-756

Paldino M.J., Rodrigues K.M., Poduri A., Pienaar R., Grant P.E.

Functional significance of the left arcuate fasciculus with respect to language development in paediatric epilepsy patients with malformations of cortical development (SS 812), B-478

Palkó A.

Surprise in the liver: A. Clinical considerations (CC 1118), A-299

Palomowski M.

Molecular imaging made easy: Ultrasound providing molecular imaging (SF 15a), A-470

Pameijer F.A.

Head and neck oncology: the three musketeers (CT, MR, PET): State-of-the-art CT/MR/PET in the treated neck (SF 3d), A-087

Panebianco V., Lisi D., Buonocore V., Galati F., Biondi T., Passariello R.

The relevance of diffusion-weighted MR-imaging at 3T with different b value for the detection of prostate cancer (500, 1000, 3000) (SS 507), B-301

Panebianco V., Busetto G., Buonocore V., Galati F., Sciarra A., Passariello R.

3T 1H-MRS and DCEMR versus urinary PCA3 test in the detection of prostate cancer foci in patient with biochemical alteration (SS 507), B-308

Panicek D.M.

Essentials in oncologic imaging: what radiologists need to know (part 1): A. Principles of oncologic imaging and reporting (MC 1125), A-332

Pans S.

Bone tumours: C. New techniques (including DWI) (RC 1810), A-517

Authors' Index

Papadopoulou F., Ntoulia A., Siomou E., Sarantidou K., Tsampoulas C., Darge K.
Safety of intravesical use of a second generation US contrast agent in children for vesicoureteric reflux detection (SS 1612), B-736

Papanikolaou N.
Abdominal MRI: protocols that work: B. Small bowel and colon (RC 1301), A-363

Papathanasiou M.A.
Epilepsy: B. Non-neoplastic causes of epilepsy (RC 1511), A-482

Paprottka P.M., Hoffmann R.T., Räßler F., Trumm C., Schmidt G.P., Reiser M.F., Jakobs T.F.
90Ytrrium-radioembolisation of chemotherapy-refractory colorectal cancer liver metastases (SS 409), B-160

Pariente D.
Common digestive problems in children: the radiologist as a key player: B. Jaundice in children: common causes and imaging strategy (E³ 420), A-126

Parizel P.M., Venstermans C., De Belder F., Van Goethem J.W., Van den Hauwe L., Van der Zijden T., Voormolen M.
Imaging stroke: B. Stroke imaging in the acute phase or in critically ill patients (RC 1111), A-295

Park C., Lee S., Paeng J., Goo J., Lee H., Kim J.
Diagnostic accuracy of FDG PET/CT and CT for lymph node metastasis of T1 non-small cell lung cancer manifesting as subsolid nodules (SS 104), B-024

Park S., Choi H., Hahn S., Kim H., Jung H.
Correlation of apparent diffusion coefficient (ADC) value of invasive ductal carcinoma on diffusion-weighted MR imaging with pathologic prognostic factors (SS 1602), B-674

Parthipun A.
Hybrid imaging with Tc-99m Sestamibi SPECT-CT and ultrasonography performed together improves localisation of parathyroid adenomas (SS 1708), B-811

Pasquinelli F., Virgili G., Mazzoni L.N., Belli G., Regini F., Nardi C., Colagrande S.
MR diffusion-weighted imaging (DWI) of the healthy liver parenchyma: repeatability and reproducibility of apparent diffusion coefficient (ADC) measurements by intraclass correlation coefficient (ICC) (SS 1201a), B-482

Pasquinelli F., Belli G., Mazzoni L.N., Regini F., Nardi C., Colagrande S.
Diffusion weighted imaging (DWI): evaluation of apparent diffusion coefficient (ADC), diffusion coefficient (D) and perfusion fraction (f) in progressive diffuse liver disease (SS 1201a), B-485

Patak M.A.
Inflammatory bowel disease: which test and when?: C. CT versus MRI (RC 1101), A-305

Patrick C.
Radiography as a profession and a science: B. Basic technique for image interpretation (RC 714), A-221

Patterson C.M., Nicol E.D., Bryan L., Woodcock T., Bell D., Padley S.P.
The impact of NICE guidelines for the investigation of chest pain on outpatient radiology services in the UK (SS 503), B-335

Paul J., Grandin L., Daurès J.
Individual optimisation of contrast enhancement in coronary CT angiography: a multivariate analysis (SS 403b), B-237

Paul J., Bauer R.W., Vogl T.J., Maentele W.
Accuracy and reproducibility of pulmonary nodule at dual-source CT: volumetric measurements with comparison of manual, RECIST and lung care software methods: a phantom study (SS 404), B-147

Paul N.S., Kashani H., Odedra D., Rogalla P.
The influence of chest wall tissue composition in determining image noise during cardiac computed tomography (SS 503), B-339

Pauls S., Schmidt S.A., Juchems M.S., Klass O., Luster M., Reske S.N., Brambs H., Feuerlein S.
Diffusion-weighted MR imaging in comparison with integrated [¹⁸F]-FDG PET/CT for N-staging in patients with lung cancer (SS 104), B-022

Pediconi F., Telesca M., Casali V., Vasselli F., Miglio E., Ballesio L., Catalano C., Passariello R.
Breast MRI at 3T: a pilot study to compare unenhanced MRI (DWI combined with a T2 IDEAL sequence) with contrast-enhanced MRI for the assessment of response to neo-adjuvant chemotherapy (SS 1202), B-544

Pediconi F., Telesca M., Luciani M., Vasselli F., Casali V., Miglio E., Catalano C., Passariello R.
To compare MR spectroscopy at 3T with tumour type and grading of breast cancers (SS 1602), B-678

Pekarovic D.
Radiation protection and optimisation of radiological procedures: B. The radiographer's position in the initial optimisation procedure (RC 1114), A-330

Perisinakis K., Seimenis I., Tzedakis A., Papadakis A.E., Damilakis J.
Radiation risks for patients undergoing screening CT colonography with 256-slice CT scanners: how anxious should we be? (SS 501b), B-321

Persson A.
Visualisation, perception and image processing: C. Clinical application of image processing (RC 1413), A-450

Petralia G., Viotti S., Montefrancesco, R., Raimondi S., Bonello L., Summers P., Bellomi M.
Intra- and inter-observer agreement of perfusion CT (pCT) measurements in hepatocellular carcinoma (HCC): experience in 103 exams (SS 101a), B-009

Petralia G., Bonello L., Summers P., Raimondi S., Pasin M., Di Filippi R., Curigliano G., Preda L., Bellomi M.
Correlation between apparent diffusion coefficient and molecular and histological prognostic factors in breast cancer: initial observations in 53 patients (SS 1602), B-675

Petrini M.
Radiology: a holistic medicine beyond medicine (SS MS 4)

Pfirrmann C.W.A.
Hip through the ages: B. The hip in the young athlete (RC 1010), A-262

Pham C., Grenet D., Stern M., Scherrer A.
High variability of the appearance of the appendix in adult cystic fibrosis: a computed tomography study (SS 1601b), B-651

Piacentino F., Carrafiello G., Mangini M., Fontana F., Piffaretti G., Terlizzi A., Sorrentino N., Fugazzola C.
Endovascular treatment for ruptured abdominal aortic aneurysms (SS 1609), B-631

Picano E., Neri E., Faggioni L., Vagli P., Bartolozzi C.
Clinical results of a five-year CT colonography screening programme (SS 501b), B-324

Picano E., Neri E., Faggioni L., Vagli P., Bartolozzi C.
Referral rate of CT colonography versus double-contrast barium enema in a university hospital over a 7-year period (SS 1201b), B-523

Pietka E.
Computer-aided detection/diagnosis: Chairman's introduction (RC 205), A-067

Pietrabissa A.
Image sharing: B. Intraoperative imaging for surgeons (RC 1805), A-537

Pina Insausti L.J.
The BI-RADS 3 controversy: Decreasing the number of BI-RADS 3 in clinical settings (SF 3a), A-100

Pinto F., Pinto A., Rizzo A., Romano L., Sarno E.
A statistical analysis of appropriateness of US and XR exams in outpatients referred for acute care at our emergency department: database review (SS 1601b), B-658

Plumb A.A.O., Kochhar R., Taylor M.B., Leahy M.
Patterns of recurrence after resection of gastrointestinal stromal tumors (GIST) (SS 101b), B-019

Police F., Pollice P., Muller R.
Experience with superior vena cava filters (SS 1609), B-637

Pomerri F., Ai Bunni F., Muzzio P.
PET/CT scanning in the management of differentiated thyroid carcinoma (SS 1708), B-817

Pomper M.G.
Clinical potential of molecular imaging: between dream and reality: C. Oncology (RC 606), A-175

Portalez D., Malavaud B.
Prospective comparison of T2w-MRI and dynamic-contrast-enhanced MRI, 3D-MR spectroscopic imaging or diffusion-weighted MRI in repeat TRUS-guided biopsies (SS 507), B-303

Pozzi-Mucelli R.
Cystic tumours, endocrine neoplasms and congenital anomalies: A. Cystic tumours (MC 1019), A-264

Prassopoulos P.K.
Peritoneum and mesentery: C. Patterns of peritoneal carcinomatosis (RC 1801), A-508

Pravata' E., Caulo M., Sestieri C., Martini D., Briganti C., Colicchio G., Tartaro A., Romani G., Colosimo C.
Functional connectivity MRI (FC-MRI) predicts linguistic performance after surgical treatment for drug-resistant epilepsy (SS 1211), B-520

Authors' Index

Priego G., Majos C., Climent F., Muntane A., Romero N., Mercadal S.
Orbital lymphoma: imaging findings at diagnosis and follow-up (SS 411), B-217

Prokop M.
Common radiological problems: incidental abdominal masses: B. Renal mass (E³ 220a), A-025

Prokop M.
Palpable abdominal mass: B. Imaging techniques and typical findings (CC 1018), A-253

Prosch H.
Dyspnea: B. Imaging techniques and typical findings (CC 718), A-191

Pruessmann K.P.
High field MRI: Beyond 3T: B. A complicated solution to a complicated problem: transmit array (RC 1113), A-336

Prvoo J.
From neurosciences to clinical practice: Introduction (EM 1), A-121

Puderbach M.U.
Chest imaging: what to use and when to use it: C. MRI of the chest in children (RC 1512), A-499

Puesken M., Buerke B., Kohlhase N., Dicken V., Schuelke C., Heindel W., Wessling J.
MSCT follow-up in patients with malignant lymphoma: improved therapy response classification using semi-automated volumetry compared to unidimensional measurements (SS 1605), B-647

Puglielli E., Fuschi M., Di Egidio V., Monina M.
Cocaine-induced vasculitis in subarachnoid haemorrhage (SAH): main diagnostic and angiographic patterns (SS 511b), B-353

Pugliese S., Romano A., Trasimeni G., Minniti G., Bozzao A.
T2*-weighted dynamic susceptibility-weighted contrast-enhanced magnetic resonance imaging to distinguish recurrence from pseudoprogression in patients affected by glioblastoma multiforme treated with radiotherapy in association with temozolamide: a preliminary study (SS 111), B-108

Punwani S., Bandula S., Humphries P., Taylor S.
Paediatric and adolescent lymphoma: can MR apparent diffusion coefficient (ADC) predict treatment response? (SS 1612), B-739

Puylaert J.B.C.M.
The hole in the guts: B. Defining the role of US (CC 1117), A-317

Q

Quaia E., Giarraputo L., Lorusso A., Cabibbo B., Cova M.A.
Hepatocellular carcinoma nodule conspicuity during arterial phase: comparison of contrast-enhanced 64-row multidetector CT with bolus tracking and MR imaging with bolus chase (SS 101a), B-001

Quaia E., Ulcigrai V., Federica C., Cavallaro M., Cova M.A.
Spectral fat saturation inversion recovery MR sequence after gadolinium injection to differentiate fibrotic and neoplastic strands in the mesorectal fat in patients with restaging of rectal carcinoma after neoadjuvant chemo- and radiation therapy (SS 401b), B-166

Quick H.H., Kahlert P., Eggebrecht H., Kaiser G.M., Parohl N., Albert J., McDougall I., Erbel R., Ladd M.E.
Towards real-time MR-guided transarterial aortic valve implantation (TAVI): in vivo evaluation in swine (SS 1603), B-694

R

Raatschen H., Hotz B., Fischer S., Zsivcsec B., Arndt M., Mall P., Wolf K., Hotz H.G.
MRI-monitoring of angiogenesis inhibition in an orthotopic pancreatic cancer model (SS 801b), B-430

Rácz A.
Fascinating imaging and promising researches of the brain (SS MS 1)

Radbruch A., Bäumer P., Wiestler B., Stieltjes B., Kramp L., Hartmann C., Wick W., Heiland S., Bendszus M.
Comparison of contrast-enhanced susceptibility-weighted imaging with contrast-enhanced T1-weighted imaging at 3 Tesla in patients with newly diagnosed Glioblastoma (SS 411), B-214

Ragab Y., Zienhom F., Awadalla M.M.A., Hamza H.M.H., Elsiofy N., Kamal K.
Choline elevation in MR spectroscopy of brain tuberculomas: how often does it occur? (SS 411), B-219

Ragab Y., Emad Y., Hamza H.
Enthesitis and related changes in the knees in seronegative spondyloarthropathies: MRI control study (SS 1610), B-605

Ramalho M., de Campos R., Heredia V., Azevedo R., Semelka R.
Comparison of three different in-phase and out-of-phase gradient-echo imaging techniques for the characterisation of adrenal lesions at 1.5T: preliminary observations (SS 1207), B-539

Ramalho M., Heredia V., de Campos R.O.P., Azevedo R.M., Dale B.M., Semelka R.C.
In-phase and out-of-phase gradient-echo imaging in abdominal studies: intra-individual comparison of three different techniques (SS 1601a), B-619

Raman V., McWilliams E.T.M., Holmberg S.R.M., Miles K.
Economic analysis of the use of coronary calcium scoring as an alternative to stress ECG in the non-invasive diagnosis of coronary artery disease (SS 503), B-332

Rampinelli C., Funicelli L., Raimondi S., Meroni S., Origgì D., Bellomi M.
Lung cancer screening: sensitivity of ultra-low-dose versus low-dose MDCT in pulmonary nodule detection (SS 104), B-025

Rancane B.
Fetal ultrasound imaging: form of art (SS MS 4)

Rasekhi A.

Interventional radiology: from scratch to innovation: Interventional procedures in liver transplantation (EM 4), A-349

Rasmus M., Partovi S., Jacob A., Aschwanden M., Bongartz G., Bilecen D.
Feasibility of ECG-triggered non-enhanced MR angiography of peripheral arteries in patients with symptomatic PAOD in comparison with DSA as goldstandard (SS 515), B-341

Ratib O.
Computer-aided detection/diagnosis: B. Emergence of open-source software (RC 205), A-069

Ratib O., Becker C., Becker M., Viallon M., Vallee J., Willi J., Lord M., Rager O., Loubeyre P.
Advantages and limitations of first whole-body hybrid PET-MR scanner in oncology (SS 1706), B-772

Raupach R., Grasruck M., Schmidt B., Flohr T.G.
Will x-ray phase contrast imaging revolutionise diagnostic imaging? (SS 1213), B-582

Raya J.G., Horng A., Dietrich O., Beltran L.S., Krasnokutsky S., Reiser M.F., Recht M., Glaser C.
In vivo diffusion tensor imaging of the articular cartilage at 7 T: a feasibility study (SS 410), B-176

Raza S., Batool M., Aslam M.O., Al-Nakshabandi N.A., Bhopal U.
Replacing VoLumen® with a better, cost effective, neutral oral contrast; methylcellulose plus sorbitol (SS 801c), B-431

Rechichi G., Galimberti S., Signorelli M., Talei Franzesi C., Perego P., Valsecchi M.G., Sironi S.
Endometrial cancer: correlation of apparent diffusion coefficient with tumour grading, depth of myometrial invasion and lymph node metastases (SS 107), B-061

Reeder S.B.
Quantifying liver fat, inflammation and fibrosis: routine or research?: Quantification of liver fat (SF 13), A-384

Reekers J.A.
Professional issues in interventional radiology: education, training and standards: Turf battles facing IR (PC 7), A-212

Regge D.
CT colonography: the big picture: A. Optimised techniques for best results (RC 1401), A-408

Reijnsiere M.
The shoulder: B. Normal variants and pitfalls (CC 316), A-083

Reiner C.S.
Dynamic MR imaging of the pelvic floor: easy and useful: How I do it (SF 6), A-170

Reiser M.F.
Essentials in oncologic imaging: what radiologists need to know (part 4): B. Musculoskeletal neoplasms (MC 1425), A-446

Rémy-Jardin M., Pontana F., Hachulla A., Rémy J.
When CT sees both the heart and the lungs: C. Pulmonary hypertension and right ventricle function (RC 1304), A-382

Authors' Index

Rengier F., Delles M., Müller-Eschner M., Hoo Y., Unterhinninghofen R., Ley S., Dillmann R., Kauczor H., von Tengg-Kobligk H.
In vivo and in vitro validation of aortic flow quantification by time-resolved three-dimensional velocity-encoded MRI (SS 115), B-045

Rengier F., Partovi S., Weber T.F., Müller-Eschner M., Hoo Y., Giesel F.L., Böckler D., Kauczor H., von Tengg-Kobligk H.
Reliability and interobserver variability of preoperative measurements for thoracic endovascular aortic repair: semiautomatic centerline analysis versus manual measurement techniques (SS 1609), B-633

Rengo M., Mollet N.R., Neefjes L.A., Rossi A., Krestin G.P., de Feyter P.J., Laghi A.
Evaluation of global left ventricular function with DS-CT: comparison of three workstations with magnetic resonance as gold standard (SS 803), B-416

Restaino G., Chiantera V.
Female pelvic pain: A. Clinical considerations (CC 1518), A-458

Restaino G., Occhionero M., Missere M., Macchia G., Ferrandina G., Danza F.M., Sallustio G.

Locally advanced cervical cancer: MR imaging in prediction of response after preoperative chemoradiation therapy (SS 107), B-064

Restaino G., Occhionero M., Roiat S., Caulo A., Costanzo S., Pepe A., Sallustio G.
Effect of iron burden on hepatic apparent diffusion coefficient (ADC) in patients with thalassemia major (SS 801a), B-381

Revel M.
CT angiography of the chest beyond aorta: A. CT angiography for PE diagnosis during pregnancy and post-partum (RC 1104), A-326

Revel M., Couchon S., Hernigou A., Niarra R., Chatellier G., Meyer G., Lefort C., Frija G.
MRI for acute pulmonary embolism diagnosis: prospective evaluation in 300 patients with comparison to 64-detector multislice CT (SS 804), B-395

Reznek R.H.
Common radiological problems: incidental abdominal masses: A. The indeterminate adrenal mass (E³ 220a), A-024

Reznek R.H.
Tumour response to treatment: RECIST, desist or insist?: Chairman's introduction (SF 3c), A-109

Rhee H., Kim M., Park M., Choi J.
Imaging features of early hepatocellular carcinoma defined by new histologic criteria on quadruple-phase CT and gadoxetic acid-enhanced MR imaging (SS 101a), B-004

Ribeiro M.M.C.P., Vaz G.E.I., Silva-Fortes C., Lança L.J.O.C., Maurício J.C., O' Neill J.E.G.
Interobserver variability in pre-endovascular aneurism repair assessment by CT-scan angiography (SS 814), B-441

Ricard F., Valette P.J., Tychyj-Pinel C., Houzard C., Chateau F., Manichon A.F., Orliaguet I., Giannarile F., Rety F.
Additional value of a conjugated interpretation of FDG PET/CT and contrast enhanced CT when staging malignant lymphoma (SS 106), B-116

Riccabona M.

Genitourinary problems: common daily practice: A. Imaging strategy in urinary infections (E³ 320b), A-092

Riccabona M.

Abdominal emergencies in children: B. GU emergencies in children: kidney, ovary, testis (RC 1112), A-339

Richards P.

The lumbar spine: A. How I do it (CC 1316), A-370

Riemann J.F.

Optical and virtual colonography: friends or enemies?: When optical beats virtual (EM 2), A-141

Righini A.

Advanced brain imaging: A. Diffusion tensor MRI (RC 712), A-228

Rigou G., Le Bras Y., Hubrecht R., Coutouly X., Pasticier G., Grenier N.

Contrast-enhanced US-guided biopsies following MRI in men with elevated PSA and previous negative biopsy (SS 1607), B-670

Rinaldi G., Biagini E., Lovato L., Russo V., Rapezzi C., Fattori R.

Interaction between myocardial fibrosis, outflow obstruction and early left ventricular dysfunction in hypertrophic cardiomyopathy: an MRI study (SS 403a), B-203

Ritschl L., Fleischmann C., Kachelrieß M.

CT image reconstruction from limited data (SS 513), B-369

Rizzatto G.

Update in BI-RADS: B. US (RC 1302), A-388

Robben S.G.F.

Common digestive problems in children: the radiologist as a key player: A. Abdominal and pelvic pain: a practical approach (E³ 420), A-125

Robinson S.

Runny and stuffy noses: paranasal sinus imaging: A. Functional anatomy and anatomic variants (RC 1008), A-287

Rockall A.G.

Gynaecologic emergency and its mimics: B. Emergencies of gynaecologic origin (RC 307), A-090

Rockall A.G.

Female pelvic pain: C. Interactive case discussion (CC 1518), A-460

Roemer F.W.

Bone marrow oedema and bone marrow oedema-like lesions: A. BME and osteoarthritis (RC 710), A-200

Roemer F.W., Winterstein A., Hunter D.J., Li L., Kim Y., Mamisch T.C., Cibere J., Bohndorf K., Guermazi A.

Semiquantitative assessment of hip MRI in patients with hip pain (Hip OsteoArthritis MRI Score/HOAMS): reliability and association with radiographic scoring (SS 810), B-379

Roemer F.W., Kwok C., Hannon M.J., Green S.M., Jakicic J.M., Boudreau R., Moore C., Guermazi A.

Risk factors for cartilage loss of the knee joint over a 6-month period assessed at 3T MRI (SS 1710b), B-787

Rogalla P.

Missing perfusion: abdominal ischaemic disease: B. The black bowel (CC 1017), A-248

Rogalla P., Meyer H., Kandel S.

Dynamic volume CT with iterative reconstruction in abdominal perfusion imaging: initial results (SS 501a), B-258

Rogalla P., Paul N., Meyer H., Lembcke A., Mews J., Kandel S.

CT coronary angiography: optimisation of image quality in patients with different body habitus by combined kV and mA adaptation (SS 503), B-331

Romano S.

Inflammatory bowel disease: which test and when?: B. Role of CT in diagnosis and follow-up (RC 1101), A-304

Rong R., Wang X.Y., Jiang X.X., Sun X.W.

Diffusion-weighted magnetic resonance imaging combined T2-weighted imaging evaluation in the pre-operative staging of primary rectal carcinoma (SS 401b), B-164

Ros P.R.

Imaging inflammation and function: A. Acute pancreatitis (MC 719), A-187

Ros P.R.

Inflammation and oedema: C. Pancreatitis: common and critical (CC 1417), A-430

Rosendahl K.

Children's bones and joints: B. Hip dysplasia: US techniques and recommendations (RC 1412), A-452

Rossi A., Uitterdijk A., Dijkshoorn M., van Straten M., van der Giessen W.J., Krestin G.P., Duncker D.J., Merkus D., Mollet N.R.

Quantification of regional myocardial perfusion at different levels of stenosis in a large animal model using dynamic perfusion CT (SS 1603), B-696

Rossi A., van Straten M., Dijkshoorn M.L., Booij R., Krestin G.P., Mollet N.R.

Temporal resolution in dual source CT: comparison between standard single energy scans and dual energy scans with a dedicated, mixed reconstruction technique (SS 1713), B-860

Rossi A.

Paediatric neuroimaging: let's make it simple!: B. Common congenital cerebral abnormalities (E³ 720), A-204

Rossi A.

Common disorders of the paediatric brain: B. Normal findings and pitfalls in paediatric neuroimaging (RC 1011), A-277

Rousseau H.

Advances in vascular imaging: C. Flat panel CT (C-arm CT) (RC 1815), A-534

Rovira-Cañellas A.

Focal brain lesions: A. Differential diagnosis of T2 hyperintense lesions (RC 1311), A-390

Rowe G.W., Wilson R.B., Armstrong A.M., Abro J.A., Parker A.T., Schoepf U., Sharma S.

Coronary atherosclerosis and coronary artery disease in patients with obstructive sleep apnoea: assessment with coronary CT angiography (SS 1203), B-497

Authors' Index

Rowlands P.C.

Extracranial vascular malformations: imaging strategies prior to endovascular therapy: C. Technical aspects of endovascular treatment (RC 215), A-066

Rudas G., Zsánk M., Tóth Z., Kozák L.R., Györke T., Csóka M.

The role of MR DWIBS examination in the imaging of childhood lymphomas (SS 1612), B-738

Ruggiero A., Holland J.P., Lewis J.S., Grimm J.

Cerenkov optical imaging of radioisotope (SS 1706), B-771

Rumboldt Z.

Focal brain lesions: B. Neoplasm or non-neoplasm (RC 1311), A-391

Rutten M.

Automated 3D US breast volume scanning (SY 1), D-02

Ryan A.G.

Musculoskeletal interventions: C. Interventional management of painful osseous metastases (RC 1509), A-467

Ryan S.

Common digestive problems in children: the radiologist as a key player: C. Neonatal bowel obstruction: the role of the radiologist (E³ 420), A-127

Ryeom H., Lee S., Kim G., Jang Y., Lee J.

Gd-EOB-DTPA-enhanced liver MR imaging: correlation with liver function tests (SS 1701), B-846

S

Saam T.

Can we predict premature ageing?: Cardiovascular ageing (SF 11), A-325

Saam T., Freilinger T., Grimm J., Schindler A., Bamberg F., Yuan C., Reiser M.F., Dichgans M., Nikolaou K.

Prevalence of complicated carotid atherosclerotic plaques ipsilateral to ischaemic cryptogenic stroke using high-resolution MRI (SS 415), B-243

Saba L., Acharya R.U., Molinari F., Nicolaides A., Suri J.S.

Non-invasive low-cost system for symptomatic versus asymptomatic plaque classification in carotid ultrasound (SS 105), B-130

Saba L., Sanfilippo R., Anzidei M., Bura R., Montisci R., Mallarini G.

Association between carotid plaque type and cerebral microbleeds (SS 415), B-242

Saba L., Sannia S., Montisci R., Sanfilippo R., Bura R., Mallarini G.

Association between carotid artery plaque volume, composition and ulceration (SS 415), B-244

Saba L., Lai L., Sanfilippo R., Montisci R., Faa G., Mallarini G.

Association between carotid plaque enhancement and micro-vessel density: preliminary results by using MDCTA and histological validation (SS 415), B-245

Saba L., Lai L., Sanfilippo R., Montisci R., Faa G., Mallarini G.

Carotid artery plaque histology and brain MRI (SS 511b), B-357

Sabharwal T.

Musculoskeletal interventions: B. Vertebroplasty and kyphoplasty (RC 1509), A-466

Sachs A.

Sono4You: ultrasound tutorials for students by students (SS MS 3)

Sadick M., Kayed H., Pinol R., Frey S., Sadick H., Fink C., Brade J., Schönberg S.O., He V.

Optimisation of reconstruction algorithms in Truepoint HD PET/CT for improved diagnostic accuracy of lymph node metastases in head and neck squamous cell carcinoma (HNSCC) (SS 408), B-199

Sahani D.

Basics you should know: A. Tumour angiogenesis and perfusion parameters (MC 222), A-043

Sahani D.

Imaging as the number one tool for oncology trials: Which imaging techniques are useful to evaluate tumour angiogenesis? (PC 10), A-274

Saidi B., Bakhshayesh-Karam M., Tabarsi P., Zahirifar S., Ghofrani M.

Radiologic manifestations of tuberculosis in HIV-positive patients (SS 1604), B-627

Sala E.

Ovarian cancer: update and what's next: Staging ovarian cancer: what technique is the best? (SA 2), A-042

Salgado R.

MRI and CT before cardiac interventions or surgery: C. The value of CT before percutaneous aortic valve replacement (RC 1403), A-442

Salvador R.

Breast US: C. New technologies in US (RC 202), A-048

Sandner T.A., Degenhart C., Becker-Lienau J., Reiser M.F., Treitl M.

Analysing clinical and cost effectiveness of endovascular treatment in patients with critical ischaemia of crural arteries in a tertiary university hospital from 2005 to 2010 (SS 809), B-401

Santos A.

Which ethics for radiographers? (SS 814), B-450

Sarchosoglou A.

Radiotherapy and integration with a diagnostic-therapeutic path: B. Image-guided radiation therapy: when imaging meets therapy (RC 1314), A-397

Sardanelli F.

The BI-RADS 3 controversy: Management of BI-RADS 3 lesions (SF 3a), A-101

Sardanelli F.

Breast MRI today: B. Evidence-based controversies (RC 602), A-160

Sardanelli F.

Evidence-based radiology: why is evidence-based radiology crucial?: Applying EBM to radiology - the EuroAIM project (EuroAIM), A-356

Saueressig U., Ivanovas V., Windfuhr-Blum M., Pelegretti P., Kotter E.C., Langer M.

Preliminary results of a prototype automated breast ultrasound system combining transmission and reflection 3D imaging (SS 102), B-073

Savelli S., Esposito M., Ciccarone A.,

Di Maurizio M., Mortilla M., Fonda C. Liver MRI with DWI in children with liver disease (SS 1612), B-731

Scaravello A.M., Lord B., Geddie W.

Ultrasound-guided fine needle aspiration biopsy: does cytopreparatory technique influence specimen adequacy? (SS 509), B-286

Scaravello A.M., Basma S., Lord B., Jacks L.M., Rizki M.

Error rates in breast imaging reports generated with automatic speech recognition technology versus traditional transcriptionist-generated reports (SS 1705), B-866

Scarsbrook A.F., Chowdhury F.U., Briggs R.H.

Influence of FDG PET-CT on management decisions in patients with potentially operable metastatic colorectal cancer (SS 1201b), B-527

Schaefer-Prokop C.

Thoracic infections: what the radiologist must report: B. Non-pulmonary chest infections (E³ 320a), A-078

Schaefer-Prokop C.

My 'most beautiful' mistakes: Chest (SF 7), A-186

Schaefer-Prokop C.

Diffuse lung diseases: what the radiologist should know: Chairman's introduction (RC 1004), A-279

Schaeffeler C., Holzapfel K., Eiber M., Gollwitzer H., Rummeny E.J., Woertler K.

The femoral epiphyseal torsion angle in MR arthrography of the hip: diagnostic utility in patients with femoroacetabular impingement syndrome (SS 810), B-376

Schellenberger E.A.

Molecular imaging made easy: MR in molecular imaging (SF 15a), A-471

Schernthaler R., Mayerhöfer M.E., Matzek W., Baroud S., Bastati-Huber N., Muin D., Ba-Salamah A.

Feasibility of texture-based classification and grading for initial diagnosis and therapy monitoring of oesophageal cancer at arterial-phase CT: preliminary results (SS 105), B-129

Scherr M.K., Wirth S., Ziegeler E., Grimm J., Uhl M., Reiser M.F.

Body packages in low dose CT: identification of packages containing illicit drugs using low dose (LD) computed tomography in an experimental study using a porcine body packer model (SS 1601b), B-659

Schillebeeckx J.

Teleradiology: for better or for worse: Excellence in teleradiology: key issues in workflow management (PC 15), A-489

Schima W.

Imaging adenocarcinoma: A. MDCT: how to diagnose, how to stage (MC 1119), A-313

Schima W.

Abdominal MRI: protocols that work: A. Liver (RC 1301), A-362

Schindera S.T., von Allmen G., Treier R., Trueb P.R., Nauer C., Vock P., Szucs-Farkas Z.

Impact of an optimization training program for radiological institutes on the reduction of CT radiation dose (SS 1214), B-575

Authors' Index

- Schindera S.T., Diedrichsen L., Mueller H., Rusch O., Raupach R., Schmidt B., Vock P., Szucs-Farkas Z.**
Iterative reconstruction technique for abdominal MDCT at low tube voltages: assessment of diagnostic accuracy, image quality and radiation dose in a phantom study (SS 1713), B-853
- Schmid-Bindert G., Henzler T., Tiang C., Apfaltrer P., Manegold C., Schönberg S.O., Fink C.**
Correlation of iodine-related attenuation in dual energy CT with standardised uptake value of FDG-PET-CT in lung cancer (SS 104), B-023
- Schmid-Tannwald C., Herrmann K.A., Reiser M.F., Zech C.J.**
Gd-EOB-DTPA-enhanced MR imaging (MRI) in the early dynamic phase: is bolus timing necessary to obtain an optimal arterial phase for liver MRI? (SS 406), B-225
- Schmid-Tannwald C., Herrmann K.A., Reiser M.F., Zech C.J.**
Optimisation of the dynamic, Gd-EOB-DTPA-enhanced MRI of the liver: the influence of the injection rate (SS 1701), B-848
- Schmidt B., Saba O., Banckwitz R., Wolf H., Flohr T.**
Assessment of a tube voltage of 70 kV for paediatric CTA examinations (SS 1213), B-585
- Schmitt B., Zbyn S., Stelzeneder D., Jellus V., Paul D., Bachert P., Trattnig S.**
Cartilage quality assessment using gagCEST and sodium MRI at 7 Tesla (SS 410), B-177
- Schoepf U.J.**
Contrast induced nephropathy: does it matter for CT applications (SY 8), D-08
- Schönberg S.O.**
Vascular imaging: diabetes and vascular occlusive disease: C. Imaging prior to revascularisation: CTA, MRA or DSA? (RC 715), A-227
- Schöndube H., Allmendinger T., Stierstorfer K., Bruder H., Flohr T.**
Using a histogram constraint to enhance temporal resolution in CT (SS 513), B-368
- Schöpf V., Kasprian G., Mitter C., Brugge P.C., Prayer D.**
Functional resting-state measurements of the foetal brain (SS 1711), B-833
- Schotten S., Conzelmann L., Kreitner K., Düber C., Vahl C., Oberholzer K.**
Subtle dissection of the ascending aorta: assessment with ECG-gated MD-CT (SS 115), B-041
- Schreer I.**
Interventional: from diagnosis to treatment: B. Underestimation of disease in needle biopsies (RC 1102), A-320
- Schreyer A.G., Friedrich C., Jung M.**
Contrast-enhanced ultrasound in intestinal GvHD: microbubble penetration as a new diagnostic feature (SS 801c), B-440
- Schueller-Weidekamm C., Platzgummer H., Weber M., Lodemann K., Kainberger F.**
Do we really need the full dose of multihance for contrast-enhanced MR imaging for the assessment of synovial enhancement in patients with rheumatoid arthritis? (SS 1610), B-604
- Schuknecht B.F.**
Common pains in the head and neck: B. Trigeminal neuralgia (RC 1508), A-492
- Schultze Kool L.**
Extracranial vascular malformations: imaging strategies prior to endovascular therapy: B. Imaging of capillary, venous, lymphovenous and arteriovenous malformations (RC 215), A-065
- Schulz-Wendland R., Adamietz B., Meier-Meitingen M., Wenkel E., Uder M.**
Sonographically guided core cut biopsy: follow-up after 15 years (SS 1702), B-802
- Schwaiger M.**
Whole-body MR-PET: first experiences (SY 16), D-33
- Schwartz L.**
Tumour response to treatment: RECIST, desist or insist?: Principles in the use of conventional/anatomic imaging for response assessment (SF 3c), A-111
- Schwarz F., Lange P., Bamberg F., Renz V., Nikolaou K., Reiser M.F., Boekstegers P., Becker C.**
Rotating-C-arm-tomography for intraprocedural anatomic evaluation of the aortic root in percutaneous aortic valve replacement (PAVR): comparison with multidetector CT (SS 1603), B-700
- Schwarz F., Lange P., Bamberg F., Nikolaou K., Reiser M.F., Boekstegers P., Becker C.**
Percutaneous aortic valve replacement: predictive value of cusp calcium quantities for peri-procedural complications (SS 1703), B-825
- Sconfienza L.M.**
Evidence-based radiology: why is evidence-based radiology crucial?: Secondary evidence for diagnostic imaging (EuroAIM), A-357
- Sconfienza L.M., Savarino E., Parodi A., Murolo C., Savarino V., Sardanelli F.**
Can we estimate oro-caecal time using MRI? A comparison with hydrogen breath test (HBT) in healthy volunteers: preliminary results (SS 801c), B-432
- Sconfienza L.M., Serafini G., Bandirali M., Lacelli F., Silvestri E., Sardanelli F.**
Does saline solution temperature influence patient short-term outcome of a double-needle ultrasound-guided treatment of calcifying tendinitis of the rotator cuff (CTR)? The discovery of hot water (SS 1209), B-501
- Sconfienza L.M., Bandirali M., Esseridou A., Tritella S., Aliprandi A., Sardanelli F.**
Abdominal multidetector-row computed tomography (aMDCT): the unwanted screening? (SS 1705), B-864
- Secchi F., Giardino A., Nardella V., Di Leo G., Carminati M., Sardanelli F.**
Diagnostic value of cardiac magnetic resonance (CMR) in estimation of pulmonary pressure gradient before and 4 months after transcatheter valve implantation (SS 1703), B-828
- Sedaghat A.**
Interventional radiology: from scratch to innovation: Welcome and introduction (EM 4), A-345
- Seo B., Pisano E., Cole E., Zeng D., Cho K., Kuzniak C.**
Diagnostic performance of breast MR imaging according to patients' characteristics and radiologists: before and after using computer-aided evaluation system for breast MR imaging (SS 1202), B-548
- Seo J., Kim C., Park B., Kim H.**
Diffusion-weighted MR imaging with background body signal suppression (DWIBS) for the evaluation of endometrial cancer (SS 107), B-062
- Seo J., Kim H., Kim E., Lee H., Kim S.**
Cervicofacial tissue infarction in patients with invasive fungal sinusitis: its prevalence and characteristic MR imaging findings (SS 108), B-090
- Seo J., Kim C., Park S., Park B., Park W.**
Assessment of early response to external beam radiation therapy for prostate cancer: a prospective study with 3T diffusion-weighted imaging (SS 1607), B-667
- Serra G., Ciet P., Mennini M., Bertolo S., Ros M., Quattrucci S., Tiddens H.A.W.M., Catalano C., Morana G.**
Diffusion weighted imaging (DWI): a new method to detect active lung inflammation in cystic fibrosis (CF)? (SS 1604), B-624
- Setz-Pels W., van Breest Smallenburg V., Jansen F.H., Duijm L.E.M.**
Medicolegal claims following screening mammography in the Netherlands (SS 1702), B-805
- Sever A.R., Mills P., Weeks J., Cox K., Fish D., Devalia H., Jones S., Jones P., Mali W.**
Preoperative ultrasound-guided biopsy of sentinel lymph nodes using microbubbles and contrast-enhanced ultrasonography in patients with breast cancer (SS 102), B-071
- Seynaeve P., Lecluyse C., Carels K., Cardoen L., Traen S., Deylgat B., Van Rooy F., Devriendt D., Vansteenkiste F.**
Review of the radiological findings and study of the incidence of internal herniations after laparoscopic Roux-en-Y gastric bypass surgery (SS 101b), B-017
- Shaheen E., Van Ongeval C., Cockmartin L., Bosmans H.**
Creation of a database of 3D models of microcalcification clusters for future observer studies (SS 1605), B-641
- Shaikh S.**
Comparison of CT, PET and PET-CT in detection of paranasal sinus tumours (SS 108), B-089
- Shao H., Xu K., Zhang J., Chen F., Sun Z., Ni Y.**
Diffusion-weighted MR imaging (DWI) allows monitoring the effect of combretastatin A4 phosphate on the rabbit VX2 tumour models: 12-day dynamic results (SS 1206), B-551
- Sharma R., Mahalingam S., Gamanagatti S., Garg P., Srivastava D.N.**
Role of diffusion weighted imaging (DWI) in differentiating inflammatory from neoplastic pancreatic masses (SS 401a), B-132
- Sidhu P.S.**
Hitachi real-time tissue elastography in radiology (SY 11), D-25

Authors' Index

Sidhu P.S.

Acoustic radiation force imaging (ARFI): repeatability of measurements and assessment in relation to immediate targeted liver biopsy (SY 22), D-41

Siegel M.

CT dose optimisation in paediatrics (SY 8), D-09

Siemund R.

Imaging stroke: Chairman's introduction (RC 1111), A-293

Silva C.I.S.

Thoracic imaging: a Brazilian approach: Granulomatous interstitial lung disease: HRCT path correlation (EM 3), A-232

Silverio R.

How to write better reports: Structured reporting: European perspective (Standards and Audit), A-242

Singh N.K., Crystal P., Kulkarni S.

Long-term follow-up of mammographically and sonographically occult likely benign (BI-RADS 3) lesions detected on screening MRI (SS 502), B-313

Sirlin C.B.

Quantifying liver fat, inflammation and fibrosis: routine or research?: Chairman's introduction (SF 13), A-383

Sjövall K.

Radiotherapy and integration with a diagnostic-therapeutic path: C. Bridges between radiotherapy and radiography from a European perspective (RC 1314), A-398

Skaane P.

The BI-RADS 3 controversy: Defining lesions to follow-up (SF 3a), A-099

Skaane P., Gullien R., Bjorndal H., Ekseth U., Haakenaasen U., Jahr G.

Digital breast tomosynthesis versus digital mammography in a clinical setting: side-by-side feature analysis of cancer conspicuity (SS 402), B-186

Smal Y.

Assessment of scatter radiation and over-scanning effect contribution to total effective dose in paediatric cardiac CT examinations (SS 1613), B-728

Smans K., Bosmans H.

Simulations make us understand x-ray imaging: C. Monte Carlo simulations of x-ray detectors and x-ray images (RC 1513), A-496

Smith F.W., Nandakumar A., Wardlaw D.

Which is the more effective for the treatment of low back pain: intra-facet or peri-facet joint injection? A blinded randomised controlled trial (SS 1710a), B-746

Smith J.T., Ward J., Wilson D., Wyatt J., Treanor D., Sheridan M., Boyes S., Guthrie A.

Detection of colorectal metastases in patients being treated with chemotherapy utilising SPIO-contrast MRI (SS 801b), B-426

Smits M.

Introduction to the brain: C. Clinical symptoms correlated to brain anatomy (RC 211), A-051

Solbiati L.

Dynamic contrast-enhanced (DCE) imaging: C. DCE-US (MC 622), A-157

Solbiati L., Ierace T., Cova L., Tondolo T., Goldberg N.

Can real-time US-CT/MRI fusion imaging guidance enable ablation of liver malignancies that are undetectable with conventional US? (SS 509), B-290

Somma F., Berritto D., Cavalieri C., Landi N., Grassi R.

Application of 7 T micro-MR imaging to the detection of intestinal infarction due to venous occlusion: a rat model (SS 1601b), B-654

Somma F., Berritto D., Landi N., Cavalieri C., Cappabianca S., Rotondo A., Grassi R.

A specific rat model of acute gut ischaemia due to arterial occlusion: a 7 T micro-MR imaging study (SS 1601b), B-655

Sommer C.M., Schwarzwälder C.B., Stiller W., Stampfli U., Holzschuh M., Heye T., Grenacher L., Kauczor H.U., Radeleff B.A.

Dual-energy iodine subtraction in intravenous CT-cholangiography: virtual non-enhanced imaging or true non-enhanced imaging? (SS 501a), B-257

Sommer C.M., Schwarzwälder C.B., Stiller W., Stampfli U., Bellemann N., Heye T., Grenacher L., Kauczor H.U., Radeleff B.A.

Is intravenous morphine comedication effective in improving bile duct visualisation in dual-energy CT-cholangiography? (SS 501a), B-260

Sommer W.H., Sourbron S., Haug A., Herrmann K., Reiser M.F., Zech C.

Dynamic contrast-enhanced MRI of the liver using Gd-EOB-DTPA for hepatic metastases from neuroendocrine tumours (SS 1701), B-841

Sommer W.H., Sourbron S., Reiser M.F., Zech C.

Tracer-kinetic analysis of Gd-EOB-DTPA in the liver with a dual-inlet two-compartment uptake model (SS 1701), B-845

Son J., Ko S., Choi J., Kim Y., Song M., Shin J., Hwang H., Lee S.

Evaluation of aortic valve morphology using multi-imaging modalities: comparison with intraoperative finding (SS 1703), B-822

Song B., Chen G., Li Z.

Value of MDCT angiography in the evaluation of the ectopic blood supply of hepatocellular carcinoma (SS 101a), B-008

Sonoda L.I., Halim M.Y.Z., Middleton S.J., Balan K.K.

Relationship between presenting gastric symptoms and prediction of patterns of gastric emptying (SS 101b), B-012

Sonoda L.I., Sanghera B., Mills T., Wong W.

Investigation of dose minimisation protocol for 18F-FDG PET-CT in the management of lymphoma post-chemotherapy follow-up (SS 106), B-120

Soto J.A.

Inflammation and oedema: B. Liver and biliary tree (CC 1417), A-429

Souza Jr. A.S.

Thoracic imaging: a Brazilian approach: Granulomatous pulmonary infections (EM 3), A-233

Sparacia G., Purpura P., Di Giovanna E., Gagliardo C., Midiri M.

Glioma grading: the role of combined perfusion MR imaging and single-voxel MR spectroscopy compared to conventional MR imaging (SS 111), B-103

Spencer J.A.

Ovarian cancer: update and what's next: Ovarian cancer: update and role of radiology (SA 2), A-040

Spencer J.A.

Abdominal lymphoma: C. Genitourinary tract involvement (RC 301), A-081

Spencer J.A., Forstner R.

Female pelvic infections: what the radiologist must report (E3 1820), A-505

Springr A.

Common musculoskeletal disorders: how to avoid the traps!: A. Imaging a child with a limp (E3 620b), A-152

Squillaci E., Fiaschetti V., Funel V., Rascioni M., Pastorelli D., Simonetti G.

MR-defecography of pelvic floor disorders: static and dynamic evaluation with an open low-field tilting MR system (SS 1601b), B-657

Srinivas M., Arntzen E.H.J.G., Bonetto F., Heerschap A., Oyen W.J., Boerman O.C., Punt C.J.A., Figdor C.G., de Vries I.J.M.

Visualisation of cell therapy meets clinical application: Imaging dendritic cell vaccinations in melanoma patients (ENCITE), A-343

Staatz G.

Chest imaging: what to use and when to use it: B. Infiltrative diseases of the chest (RC 1512), A-498

Stäbler A.

The lumbar spine: C. Identifying and reporting abnormal findings (CC 1316), A-372

Stajgis M.

Brain tumour: imaging and response: Chairman's introduction (SA 6), A-162

Stajgis M.

Epilepsy: A. Tumour as a cause of epilepsy (RC 1511), A-481

Stanica C.

Parents' views of paediatric care concerning their child's conventional x-ray examination (SS MS 2)

Stasik-Pres G., Hebda A., Bobek-Billewicz B.

The characterisation of anaplastic transformed WHO grade II gliomas by means of advanced magnetic resonance imaging (SS 111), B-104

Steinert H.C.

Lung cancer: Nuclear medicine perspective (WS 3b), A-011

Stenberg L.

Epilepsy: C. Multimodality epilepsy protocol (RC 1511), A-483

Stocca T., Bertolotto M., Belgrano M., Pozzi Mucelli F., Zimolo Y., Cova M.A.

Abdominal wall vascularisation mapping in microsurgeons preoperative planning: a retrospective study on 174 CT angiographies. DIEA, SIEA and SICA prevalence, caliber and branching pattern (SS 1615), B-686

Stojkovic M.

Scintigraphy of neuroendocrine tumours using 99mTc-Tektoxyte (SS MS 1)

Authors' Index

Stoker J.

Patient acceptance improvement with minimal bowel preparation in screening CT colonography (SY 10), D-17

Stoker J.

Inflammation and oedema: A. The three musketeers: appendicitis, diverticulitis, colitis (CC 1417), A-428

Storto M.

Diffuse lung diseases: what the radiologist should know: B. From pattern recognition to disease diagnosis: a practical approach (part 1) (RC 1004), A-281

Stoupis C.

Peritoneum and mesentery: B. Imaging of cystic mesenteric or omental masses (RC 1801), A-507

Streitparth F., Hartwig T., Schnackenburg B., Strube P., De Bucourt M., Hamm B., Teichgräber U.

MR-guided discography in an open high-field MRI scanner (SS 1209), B-509

Streitparth F., Walter T., Schnackenburg B., Wonneberger U., Rump J., Hamm B., Teichgräber U.

Guidance and thermometry of laser discectomies in open high-field MRI (SS 1209), B-510

Stroobants S.

Imaging as the number one tool for oncology trials: The EORTC Imaging Group: vision and strategy on cancer imaging (PC 10), A-272

Struelens L., Bacher K., Bleeser F., Bosmans H., D'Agostino E., Hoornaert M., Malchaire F.

The determination of dose-area-product trigger levels to predict the exceeding of thresholds for deterministic effect at the skin for interventional radiology: TRIR project (SS 1613), B-726

Struffert T., Kloska S., Engelhorn T., Deuerling-Zheng Y., Ott S., Doelken M., Saake M., Doerfler A.

Intravenous flat detector CT to visualise patency of intracranial stents: first results with an optimised protocol (SS 811), B-455

Studler U.

The hip: B. Normal variants and pitfalls (CC 1516), A-462

Stumpp P., Schulze M., Eichfeld U., Kahn T.

CT-guided marking of pulmonary nodules with a special lung marking wire before video-assisted thoracoscopic surgery: review of 184 cases (SS 404), B-149

Sugiura H., Jinzaki M., Inoue M., Hosokawa T., Hosoda K., Koga S., Hoshi T., Kawabata Y., Kuribayashi S.

Acute exacerbation of usual interstitial pneumonia after resection of lung cancer: CT manifestations of the preoperative lung (SS 504), B-273

Summers P., Petralia G., Bonello L., Pasin M., Di Filippi R., Antiga L., Caroli A., Bellomi M.

Which b-values should I use for ADC calculation in the liver? (SS 1201a), B-481

Sun G., Ding J., Li M., Peng Z.

Evaluation of anterior ethmoidal artery by 320-slice CT angiography with comparison to 3D spin digital subtraction angiography: initial experiences (SS 415), B-249

Sun G., Jin P., Li M., Li L., Peng Z.

Percutaneous vertebroplasty for pain management in spinal extradural metastasis (SS 1209), B-505

Sun G., Ding J., Li M., Peng Z.

Detection of aneurysms by 320-slice volume CT angiography in patients acutely suspected of having an intracranial aneurysm: feasibility of reducing tube voltage (SS 1611), B-714

Sun H., Lee J., Park H., Choi B., Han J.

Gadoteric acid-enhanced MRI with MR cholangiography for the preoperative evaluation of bile duct cancer (SS 1701), B-842

Sundaram M.

Metabolic bone diseases: A. Metabolic bone disease for the practicing radiologist (RC 610), A-149

Sundin A., Arnberg F., Zedenius J., Nilsson I.

Focal thyroid incidentaloma detected by FDG-PET/CT; correlation to pathological and clinical follow-up (SS 106), B-111

Sverzellati N., Randi G., Calabò E., Silva M., Kunighk J., Marchianò A., Zompatori M., Pastorino U.

Relationship between lung cancer and pulmonary emphysema (SS 104), B-028

Szczerbo-Trojanowska M.

The ABC of EVAR: Chairman's introduction (SF 3b), A-117

Szucs-Farkas Z., Schibler F., Cullmann J., Charimo Torrente J., Patak M.A., Raible S., Vock P., Schindera S.T.

Sensitivity of CT pulmonary angiography: intra-individual comparison of normal- and low-dose protocols in an experimental study (SS 1704), B-751

T

Tagliafico A., Rescinito G., Monetti F., Faedda C., Calabrese M., Chiesa F., Villa A.

3.0 Tesla diffusion tensor magnetic resonance imaging of the breast: preliminary results (SS 1602), B-677

Tahmasebi M., Shaterzadeh M., Shokrollahi E.

Lateral lumbosacral radiological angular indices in standing and lateral lying positions and their relation with chronic nonspecific low back pain and body mass index (SS 510), B-268

Takahashi S., Kitajima K., Maeda T., Yoshikawa T., Fujii M., Ohno Y., Miyake H., Fujisawa M., Sugimura K.

Vanishing thyroid in patients with renal cell carcinoma treated with tyrosine kinase inhibitor (SS 1708), B-820

Tali E.T.

Infections of the central nervous system: what the radiologist must report: B. Bacterial and parasitic infections (E³ 1020), A-251

Tali E.T.

Brain perfusion made easy: CT/MR?: Chairman's introduction (SF 18b), A-518

Tan B.S., Chung A.Y.F., Ooi L.L.P.J., Machin D., Thng C.H., Lo R., Tay K.H., Goh A.S.W., Soo K.C.

A prospective randomised controlled trial of adjuvant trans-arterial intrahepatic ¹³¹I-lipiodol following curative resection of hepatocellular carcinoma: technical considerations and results (SS 409), B-151

Tan G., Guo W., Yang J.

Evaluation of the effect on the expression quantity of endometrial integrin $\alpha v \beta 3$: a experimental study on guinea pigs with UAE (SS 1709), B-761

Tanaka J., Momose A., Nagashima M., Kido K.

Human medical imaging with a reformed x-ray interferometry using a practical x-ray tube: a preliminary cadaveric study (SS 1213), B-581

Taouli B.

Basics you should know: B. Diffusion imaging (MC 222), A-044

Tardaguila de la Fuente G.,

Delgado Sanchez-Gracián C., Martínez C., Castellón Plaza D., Tardaguila Montero F. Study repetition of nonsatisfactory prospective high pitch acquisitions in cardiac imaging with 128 DSCT: frequency, radiation dose, and meaning (SS 403b), B-233

Tardivon A., Camps Herrero J.

Breast cancer: what the radiologist must report (E³ 1220), A-352

Tardivon A.

Evaluation of the treated breast and follow-up: Chairman's introduction (RC 1402), A-431

Tarján Z.

Inflammatory bowel disease: which test and when?: Chairman's introduction (RC 1101), A-302

Tarnoki A.D., Tarnoki D.L., Medda E., Giannoni M.F., Meneghetti G., Cardaioli G., Littvay L., Berczi V., Garami Z.

Do genetic effects or environmental factors influence the cerebrovascular atherosclerosis? Findings of the international twin study 2009 (SS 415), B-241

Tatsch K.

Radiology and nuclear medicine: really a joint venture: Alzheimer's disease: the role of nuclear medicine (PC 2), A-059

Taylor A.M.

Systematic approach to congenital heart disease (CHD): B. MRI: getting more specific (RC 303), A-107

Taylor K.A., O'Keeffe S., Wallis M.G., Sinnatamby R., Treese G.M.

Ultrasound elastography as an adjunct to conventional ultrasound, comparing sensitivity in the pre operative assessment of axillary lymph nodes (SS 102), B-080

Taylor S.A.

Optical and virtual colonography: friends or enemies?: When virtual beats optical (EM 2), A-142

Taylor S.A., Steward M., Punwani S., Proctor I., Adjei-Gyamfi Y., Chaterjee F., Rodriguez-Justo M., Halligan S.

Non perforating small bowel Crohn's disease assessed by MRI enterography: derivation and histopathological validation of an MR-based activity index (SS 801c), B-436

Taylor S.A., Hafeez R., Punwani S., Steward M., Boulos P., Halligan S.

Intersegment variation in MRI-derived perfusion in normal colon (SS 1201b), B-522

Authors' Index

Teertstra H.J., Lodder W.L.,
Tan I.B., Pameijer F.A., Smeele L.E.,
van Velthuysen M.F., vd Brekel M.W.M.
Tumour thickness in oral cancer using an intra-oral ultrasound probe, with emphasis on the radiologic technique (SS 408), B-191

Telesca M., Pediconi F., Luciani M.,
Casali V., Miglio E., Vasselli F., Catalano C.,
Passariello R.
Is oedema reduction a predictive factor for evaluating the response of advanced breast cancer to neoadjuvant chemotherapy? (SS 1202), B-546

Telesca M., Pediconi F., Casali V., Luciani M.,
Vasselli F., Miglio E., Catalano C.,
Passariello R.
Diffusion-weighted imaging of breast cancer at 3T: does the apparent diffusion coefficient value correlate with prognostic factors (SS 1602), B-676
ter Haar Romeny B.M.
Visualisation, perception and image processing: B. Image processing and perception (RC 1413), A-449

Thamm P., Kühn J., Bühlöw R.,
Hegenscheid K., Völzke H., Lerch M.,
Hosten N., Puls R.
Evaluation of pancreatic ductal variants using secretin-enhanced magnetic resonance cholangiopancreatography (SS 401a), B-131

Thieme S.F., Ashoori N., Sommer W.H.,
Johnson T.R.C., Leuchte H., Becker A., Behr J.,
Reiser M.F., Nikolao K.
Severity assessment of pulmonary embolism using dual energy CT: correlation of a pulmonary perfusion defect score with clinical and morphological parameters of blood oxygenation and right ventricular failure (SS 804), B-391

Thomas A., Fischer T.
State of the art Hitachi real-time tissue elastography: characterisation of focal breast lesions (SY 11), D-23

Thomassin-Naggara I.
Ovarian cancer: update and what's next: Imaging of adnexal masses: is it feasible to diagnose ovarian cancer? (SA 2), A-041

Thorolfsdottir A., Einarsdóttir A., Mýrdal G.
Radiotherapy and integration with a diagnostic-therapeutic path: A. Electronic portal imaging used for the development and improvements in radiation therapy for prostate cancer (RC 1314), A-396

Thurnher M.M.
Introduction to the brain: B. Pattern recognition and normal variants to know (RC 211), A-050

Thurnher M.M.
Pierre et Marie Curie - Honorary Lecture: Beyond morphology and into physiology: newer spine imaging techniques (HL 2), A-244

Tins B.
The lumbar spine: B. Normal variants and pitfalls (CC 1316), A-371

Tisserand M., Le Guennec L., Touzé E.,
Hess A., Devauchelle A., Bracard S., Mas J.,
Méder J., Oppenheim C.
MRI-defined recent silent ischaemia before thrombolysis: prevalence and impact on bleeding risk (SS 811), B-456

Tobajas Morlana P., Burdío F., Berjano E.,
Quesada R.
Distant infusion of saline may enlarge coagulation volume during radiofrequency ablation of liver tissue using cool-tip electrodes without impairing their predictability (SS 109), B-038

Todd-Pokropek A.
Computer-aided detection/diagnosis: A. The role of CAD in modern-day imaging (RC 205), A-068
Todua F.I., Miminoshvili D., Okujava M.
Manganese-induced toxic-metabolic encephalopathy: clinical and radiological findings (SS 511b), B-354

Tomà P.
Genitourinary problems: common daily practice: C. Renal and pararenal masses: basic rules (E3 320b), A-094

Torkzad M.R., Ullberg U., Nyström N.,
Blomqvist L., Hellström P., Fagerberg U.L.
Manifestations of small bowel disease in paediatric Crohn's disease on magnetic resonance enterography (SS 1612), B-735

Torresin A., Colombo P., Zucconi F., Pasetto S.,
Ticca C., Rampoldi A., Lascialfari A.
MRgFUS: methodology and physical aspects (SS 1213), B-590

Tramontin S.C.M., Gomes da Silva M.A.
Thoracic imaging: a Brazilian approach: Introduction (EM 3), A-231

Trattning S.
The basics of MSK MRI at 3T: C. New techniques and applications (CC 1016), A-257

Trattning S., Welsch G.H., Juras V.,
Mayerhofer M.E., Stelzeneder D.,
Mamisch T.C., Bieri O., Scheffler K., Zbyn S.
7T 23Na (Sodium) imaging after knee matrix-associated autologous chondrocyte transplantation: preliminary results (SS 410), B-178

Tresoldi S., Villa F., Di Leo G., Flor N.,
Bisogno R., Cornalba G.
Bronchial artery evaluation in cardiac computed tomography (CCT) patients: is there an association between coronary artery disease (CAD) and bronchial arteries hypertrophy? (SS 403b), B-240

Triantafyllou M., Ith M., Froehlich J.M.,
Eigenheer S., Ott D., Thoeny H.C.
Can diffusion-weighted MRI (DW-MRI) improve the detection of pathologies in transplanted kidneys? (SS 1207), B-538

Trimboli R.M., Mauri G., Tosi G., Brambilla G.,
Di Leo G., Cornalba G., Sardanelli F.
Follow-up with CT imaging after endovascular abdominal aneurysm repair: how much is the dose? (SS 115), B-047

Trojanowska A.
Suprahyoid neck: C. Tips and tricks for suprahyoid neck lesions (RC 708), A-224

Tsavalas N., Ntaliani A., Vassalou E.,
Karantanas A.H.
Suprapatellar fat pad: MR imaging findings and clinical significance (SS 1710b), B-782

Tsili A.C., Argyropoulou M.I., Giannakis D.,
Tsampalas S., Silakos A., Sofikitis N.,
Tsampoulas K.
Diffusion-weighted MR imaging of normal and abnormal scrotum: preliminary results (SS 1607), B-661

Turba U.C., Sabri S.S., Arslan B., Stone J.R.,
Park A., Saad W.E., Hagpiel K.D., Angle J.F.,
Matsumoto A.H.
Chronic mesenteric ischaemia: 28 year endovascular treatment experience (SS 1709), B-767

Turgut A.T.
MRI in prostate cancer: B. MRI in the post-treatment follow-up (RC 1407), A-422
Turnezei T.D., Wallace W.A., Fairbairn K.J.
The clinical relevance of lateral acromial sclerosis, the 'sourcil' sign and other radiographic acromial features in rotator cuff disease (SS 1210), B-566

U

Uchino A., Saito N., Watadani T., Okada Y.,
Kozawa E., Nishi N., Mizukoshi W.,
Nakajima R., Takahashi M.
Vertebral artery variations at the C1-2 level diagnosed by MR angiography (SS 511b), B-358

Ueda T., Suito H., Rubin G.D., Sze D.
Computational simulation of 4D blood flow dynamics of the thoraco-abdominal aorta: prediction of long-term changes in aneurysm morphology (SS 115), B-044

Uhlenbrock D.
Introduction (SY 1), D-01

Ullberg C.
Advances in technology for breast imaging: X-ray colour in breast imaging (EF 1), A-216

Umutlu L., Stylianou E., Bauer S., Grabellus F.,
Taege G., Lauenstein T.C.
MRI-based assessment of therapy monitoring in neoadjuvant chemotherapy of soft tissue sarcoma (SS 110), B-051

Umutlu L., Heusner T.A., Koeninger A.,
Otterbach F., Kimmig R., Stahl A., Antoch G.,
Lauenstein T.C.
Evaluation of functional parameters in monitoring breast cancer treatment: 18 F-FDG-PET/CT mammography vs breast MRI (SS 106), B-118

Umutlu L., Kraff O., Orzada S., Kinner S.,
Maderwald S., Antoch G., Quick H.H.,
Forsting M., Ladd M.E., Lauenstein T.C.
A new look at kidneys: contrast-enhanced kidney MRI in humans at 7 Tesla (SS 1207), B-535

Ungureanu G., Barbus V.
To be or not to be a radiologist: radiology through the eyes of a medical student (SS MS 2)

V

Vadvala H.V., Patel N., Arya A., Shah S., Rajput H.
Evaluation of role of ultrasonography and Doppler in assessment of cervical lymphadenopathy (SS 408), B-198

Vag T., Baltzer P.A.T., Dietzel M., Zoubi R.,
Kaiser W.A.
Kinetic analysis of non-mass-like enhancing lesions on breast MRI using manual and computer-assisted methods (SS 502), B-318

Authors' Index

- Vagli P., Faggioni L., Picano E., Scandifio R., Mantarro A., Bemi P., Cini L., Neri E., Bartolozzi C.**
Digital colonic cleansing of CT colonography images: influence on quality of 2D and 3D reconstructions (SS 501b), B-326
- Válek V.**
Inflammatory bowel disease: which test and when?: A. Role of US in diagnosis and follow-up (RC 1101), A-303
- Válek V.**
Infection and percutaneous drainage: B. Abdominal abscess (RC 1309), A-374
- Valentinitisch A., Patsch J., Deutschmann J., Fischer L., Langs G., Kainberger F.**
Separation of cortical and cancellous bone by 3D-texture-based analysis: a novel approach of threshold-independent calculation of cortical thickness (SS 105), B-127
- Valette P.**
Water-colonCT: an alternative imaging technique for colon cancer diagnosis (SY 10), D-18
- Valle M., Senes F., Catena N., Maiuri F., Martinoli C.**
Ultrasound of brachial plexus birth injury in infants: experience in 80 patients (SS 812), B-479
- Van Beers B.**
Quantifying liver fat, inflammation and fibrosis: routine or research?: Quantification of liver fibrosis (SF 13), A-386
- Van Cauter S., Vrabec M., Himmelreich U., Van Gool S., Sunaert S., De Vleeschouwer S., Suput D., Demeael P.**
MR perfusion and diffusion-weighted imaging in the follow-up of recurrent glioblastoma treated with dendritic cell immunotherapy: a pilot study (SS 111), B-101
- van Delden O.M.**
Oncologic interventions in the liver: B. Portal embolisation (RC 1409), A-418
- van den Hauwe L., Venstermans C., Voormolen M., van der Zijden T., De Belder F., Van Goethem J.W., Parizel P.M.**
Update on brain aneurysms: A. Subarachnoid haemorrhage (RC 1411), A-436
- Van Goethem J.W.M., Venstermans C., De Belder F., van den Hauwe L., Parizel P.M.**
Spinal cord: B. Spinal intradural tumours (RC 1811), A-523
- Van Gompel G., Buls N., Nieboer K., de Mey J.**
Accuracy estimation of spectral attenuation curves obtained by dual energy CT (SS 1713), B-851
- Van Hecke W., Sage C., Emsell L., Parizel P.M., Sunaert S.**
Diffusion tensor tractography indicates cervical spinal cord alterations in patients with amyotrophic lateral sclerosis (SS 1211), B-513
- Van Hecke W., Emonds G., Declerck C.H., Boone C., Parizel P.M.**
Diffusion tensor imaging differences between prosocial and individualistic-oriented healthy subjects (SS 1211), B-517
- van Overhagen H.**
Common radiological problems: palpable lower neck mass - thyroid or not?: A. Thyroid nodule (E³ 1120), A-297
- van Rijn R.R.**
Children's bones and joints: A. Imaging findings in childhood osteomyelitis (RC 1412), A-451
- van Tiel J., Siebelt M., Waarsing J.H., van Straten M., Krestin G.P., Kleinrensink G.J., Verhaar J.A.N., Weinans H., Oei E.H.G.**
Clinical application of CT-arthrography as a measure for cartilage quality, validated by in-vitro contrast-enhanced µCT (SS 410), B-175
- van Werven J.R., Schreuder T.C.M.A., Aarts E., Nederveen A.J., Meijer J., Berends F.J., Janssen I.M.C., Jansen P.L.M., Stoker J.**
Assessment of hepatic steatosis in morbidly obese patients undergoing gastric bypass surgery using open magnet 1H-MR spectroscopy (SS 801a), B-384
- Vande Berg B.**
Bone marrow oedema and bone marrow oedema-like lesions: Chairman's introduction (RC 710), A-199
- Vandecaveye V.**
Head and neck oncology: the three musketeers (CT, MR, PET): New techniques and protocols: perfusion, diffusion, spectroscopy and new PET tracers (SF 3d), A-088
- Vandulek C., Pall J., Lakosi F., Antal G., Kovacs A., Hadjiev J., Repa I.**
Radiographer's role in the optimisation of MR-guided HDR prostate brachytherapy (SS 1214), B-579
- Vanhoenacker F.M.H.M.**
Soft tissue extremity masses: B. Normal variants and pitfalls (CC 1416), A-415
- Vaño M., Camps Herrero J., Forment Navarro M., Ricart Selma V., Cano Gimeno J., Martínez Rubio C.**
Breast MRI contribution to the study of papillary lesions (SS 502), B-317
- Vargas H., Akin O., Franiel T., Mazaheri Y., Udo K., Zheng J., Moskowitz C., Hricak H.**
Diffusion-weighted MRI (DW-MRI) at 3 Tesla (3T) for prostate cancer: evaluation of tumour detection and aggressiveness (SS 507), B-302
- Vázquez E.**
Common disorders of the paediatric brain: C. Neuroimaging in the acutely ill child (RC 1011), A-278
- Vázquez E., Delgado I., Sanchez-Montañez A., Flotats M., Enriquez G., Roig M.**
Brainstem dysgenesis: MR imaging findings in 24 patients (SS 812), B-475
- Vee B., Taule A., Kleven-Madsen N.**
Implementing evidence-based protocols for i.v. contrast media; the process, outcome and follow-up (SS 814), B-442
- Veillon F.**
An insight into middle ear pathologies: B. Cholesteatoma and chronic infection (RC 208), A-061
- Veloza L., Kauczor H., Stiller W.**
Performance of static MDCT beam-shaping filtration for elliptical subject geometries in dependence of projection angle (SS 1213), B-587
- Veltman J.**
Breast MRI today: C. How to improve the specificity of breast MRI (RC 602), A-161
- Venancio J.**
MRI in prostate cancer: Chairman's introduction (RC 1407), A-420
- Venkatesh S.K., Xu S., Tai D.C.S., Alsaif H.S., Yu H., Wee A.**
MR elastography and fibro-C index for quantification of liver fibrosis in chronic hepatitis B: preliminary results (SS 801a), B-389
- Venugopal V., Afshan I., Ullah E., Ahmad I., Wahab S.**
An indigenous MRI scoring system for differentiating advanced femoral osteonecrosis from tubercular arthritis: myth or mystique? (SS 1610), B-608
- Verardi N., Trimboli R.M., Carbonaro L.A., Di Leo G., Sardanelli F.**
Vascular map asymmetry at breast contrast-enhanced MRI: a ROC analysis (SS 1202), B-541
- Verbist B.**
An insight into middle ear pathologies: C. Implants and postoperative findings in the middle ear (RC 208), A-062
- Verschakelen J.A., De Wever W., Coolen J.**
Diffuse lung diseases: what the radiologist should know: A. The glossary of terms for thoracic imaging: old and new definitions (RC 1004), A-280
- Verschakelen J.A.**
CT of small airways: elementary images for disease classification: Chairman's introduction (SF 15b), A-472
- Versluis B., Leiner T., Nelemans P.J., Schurink G.H., Wildberger J.E., Backes W.H.**
Dynamic contrast-enhanced MRI with gadofosveset in peripheral arterial disease: initial findings of hyperemic fractional microvascular blood volume assessment (SS 515), B-344
- Versluis B., Leiner T., Nelemans P.J., Schurink G.H., Wildberger J.E., Backes W.H.**
Correlation between arterial peak flow and ankle-brachial index in peripheral arterial disease (SS 515), B-350
- Verstraete K.**
Postoperative imaging of the lower extremity: B. Knee (RC 1310), A-377
- Vessal K.**
Interventional radiology: from scratch to innovation: Interlude (I): Persian physicians' contribution to the evolution of medicine (EM 4), A-348
- Vessal K.**
Interventional radiology: from scratch to innovation: Interlude (II): Persian physicians' contribution to the evolution of medicine (EM 4), A-350
- Veyrac C.**
Abdominal emergencies in children: A. Non-traumatic acute abdomen (RC 1112), A-338
- Vidmar Kocijanic K.**
Bedside chest imaging: B. Bedside thoracic ultrasonography: how far can it go? (RC 604), A-167
- Vilanova J.C.**
Soft tissue extremity masses: A. How I do it (CC 1416), A-414
- Vilar J.**
Common radiological problems: incidental chest lesions: B. Mediastinal mass (E³ 1720a), A-503

Authors' Index

- Vilela P.**
Update on brain aneurysms: C. Treatment of aneurysms 2011 (RC 1411), A-438
- Vilgrain V.**
Functional and ultra structural MR: C. Synthesis: functional imaging for tumour management (MC 322), A-097
- Villeirs G.M., Klijn S., De Visschere P.J., De Meerleer G.O.**
Comparison of qualitative and quantitative approach to prostate MR spectroscopy in peripheral zone cancer detection (SS 507), B-307
- Vock P.**
Diagnostic radiology and pregnancy: B. X-ray imaging and pregnancy: justification and optimisation of exposure (RC 1013), A-291
- Vogl T.J., Hammerstingl R.**
Dynamic MR imaging in liver staging after colon cancer (SY 10), D-19
- Vogl T.J., Zangos S., Mack M.G., Naguib N.N., Nour-Eldin N.E.**
Efficacy of microwave ablation therapy of pulmonary metastases: tumour control and survival (SS 109), B-031
- Vogl T.J., Naguib N.N., Nour-Eldin N.E., Lehnert T., Mbatisike E.C.**
Regional chemoperfusion (TACP) and transpulmonary chemoembolisation (TPCE) in thoracic lesions: online therapy control with C-arm computed tomography (SS 109), B-034
- Vogl T.J., Hammerstingl R., Lindemayr S.**
Transpulmonary chemoembolisation (TPCE) in nonresectable lung metastases: tumour control and survival (SS 109), B-036
- Vogl T.J., Salega A., Zangos S., Naguib N.N.**
Differences in local tumour control of liver metastases from colorectal cancer between the treated liver lobes: treatment with transarterial chemoembolisation (TACE) (SS 409), B-159
- Vogl T.J., Naguib N.N., Nour Eldin N.E., Mack M.G., Zangos S., Jost A.**
Unresectable liver metastases of colorectal carcinoma: repeated transarterial chemoembolisation using different chemotherapeutic drug combinations followed by MR-guided laser-induced thermotherapy (SS 509), B-289
- Vogl T.J., Pflugmacher R., Hierholzer J., Stender G., Gounis M., Wakhloo A.**
Cement-directed kyphoplasty reduces cement leakage as compared with vertebroplasty: results of a controlled, randomised trial (SS 1209), B-502
- von Keudell A.G., Atzwanger J., Forstner R., Resch H., Hoffelner T., Mayer M.**
Radiological evaluation of cartilage after microfracture treatment: a long-term follow-up study (SS 1710b), B-789
- von Kummer R.**
Imaging stroke: A. Aetiology and pathophysiology of stroke (RC 1111), A-294
- von Schultheiss G.K.**
In search for molecular imaging: the tri-modality imaging approach (SY 2), D-07
- Voormolen M.H.J., van der Zijden T., Menovsky T., d'Archambeau O., Fransen H., Parizel P.M.**
Endovascular treatment of very small (2mm) intracranial aneurysms (SS 811), B-458
- Vorwerk D.**
Evidence-based radiology: why is evidence-based radiology crucial?: Secondary evidence for interventional radiology (EuroAIM), A-358
- Votrubaová J., Mirka H.**
Dynamic contrast-enhanced (DCE) imaging: A. DCE-CT (MC 622), A-155
- Vymazal J., Keller J., Rulseh A., Tintera J.**
Brain perfusion made easy: CT/MR?: Stroke and vascular diseases (SF 18b), A-521
-
- W**
-
- Waldt S.**
The shoulder: C. Identifying and reporting abnormal findings (CC 316), A-084
- Wallis M.G.**
The BI-RADS 3 controversy: Chairman's introduction (SF 3a), A-098
- Wallis M.G., Moa E., Zanca F., Leifland K., Danielsson M.**
HighReX: a multi-reader, multi-centre observer study comparing diagnostic accuracy of photon counting tomosynthesis and full field digital mammography (SS 402), B-185
- Wallner C., Körner M., Linsenmaier U., Schneider K., Reiser M.F.**
Low dose computer tomography (LDCT) imaging of the paediatric chest: a phantom study on the use of iterative reconstruction (IR) as a new advanced reconstruction technique (SS 1212), B-591
- Wallnöfer E.A., Thurner G.C., Kremser C., Talasz H., Abdelmoez A., Klammsteiner N., Jaschke W., Debbage P.**
A novel model demonstrating MRI molecular imaging in vivo (SS 1206), B-554
- Walsh S.L.F., Sverzellati N., Devaraj A., Wells A.U., Hansell D.M.**
HRCT patterns that predict mortality in patients with chronic hypersensitivity pneumonitis (SS 504), B-271
- Walsh S.L.F., Sverzellati N., Devaraj A., Wells A.U., Hansell D.M.**
Prognostic HRCT patterns in fibrotic pulmonary sarcoidosis (SS 504), B-272
- Wang D., Hu X., Zhang Q., Xie S., Zhang S.**
Image quality and dose performance of 80 kV low-dose scan protocol in high-pitch spiral coronary CT angiography: feasibility study (SS 503), B-336
- Wang H., Zou Q., Liu P., Ye Z.**
Therapeutic evaluation after transcatheter arterial chemoembolisation of hepatocellular carcinoma using diffusion-weighted and dynamic contrast-enhanced magnetic resonance imaging (SS 801b), B-429
- Wang M., Shi D., Li T., Han Y., Dai Y.**
Evaluation of middle cerebral artery stenosis: comparison of high-resolution MR imaging and digital subtraction angiography (SS 511b), B-360
- Wang Q., Liang C., Liu H.**
Quantification of liver fibrosis using diffusion-weighted MR imaging and proton MR spectroscopy in experimental rabbit models (SS 801a), B-387
- Wang R.P., Liang C.H., Huang M.P.**
Quantitative measurements of haemodynamics of pulmonary and systemic circulation in healthy volunteers with phase-contrast MR imaging on 3.0 tesla system (SS 115), B-046
- Wang W.L.Q., Yang Y.J.L., Yang Y.Z.Y.**
3D-MRI imaging quantification of the rotation of the spinal cord in scoliosis preoperation (SS 510), B-270
- Wang Z., Zhang X., Tang L., Sun Y., Cao K., Cui Y.**
Support vector machine for diagnosis of lymph node metastasis in gastric cancer with multidetector computed tomography (SS 101b), B-016
- Wang Z., Zhang L., Zheng Y., Gong J., Chen Z.**
Clinical application of CT-guided radiofrequency ablation for the treatment of metastatic bone neoplasms (SS 1209), B-508
- Wassberg C., Akin O., Shukla-Dave A., Vargas H., Zhang J., Hricak H.**
The incremental value of contrast-enhanced MR imaging in biopsy-proven local recurrence after radical prostatectomy (SS 1607), B-665
- Weber C., Hentschel H., Kröger N., Adam G., Bannas P.**
Whole body MRI for staging of patients with multiple myeloma in complete or partial remission after stem cell transplantation (SS 110), B-057
- Weber C., Klutmann S., Berlin T., Kröger N., Adam G., Peldschus K.**
F-18-FDG PET/CT versus whole-body MRI in the evaluation of multiple myeloma after stem cell transplantation (SS 110), B-058
- Weber M., Vöglein J., Tüttenberg J., Weimer M., Gerigk L., Kauczor H., Essig M.**
Treatment monitoring in gliomas: comparison of dynamic contrast-enhanced and spectroscopic MR imaging techniques for identifying treatment failure (SS 111), B-110
- Weber W.**
Tumour response to treatment: RECIST, desist or insist?: PET in monitoring response (SF 3c), A-112
- Weckbach S., Buchheit D., Michaely H.J., Schönberg S.O., Dinter D., Haneder S.**
Assessment of fever of unknown origin: whole body diffusion weighted imaging and continuous table movement MRI in comparison to leucocyte scintigraphy/FDG-PET CT (SS 1610), B-607
- Weininger M., Schoepf U., Henzler T., Rowe G.W., Costello P., Bastarrika G.**
Dynamic myocardial stress perfusion imaging using 2nd generation dual-source computed tomography (SS 803), B-412
- Weininger M., Zou K.H., Costello P., Schoepf U.**
Contrast-induced nephropathy at computed tomography: does it matter for high-risk patients? A systematic meta-analysis (SS 1606), B-709
- Weishaup D.**
Dynamic MR imaging of the pelvic floor: easy and useful: Chairman's introduction (SF 6), A-169

Authors' Index

Welsch G.H., Zak L., Mauerer A., Mamisch T.C., Marlovits S., Paul D., Lauer L., Trattnig S.
New isotropic 3D PD-SPACE MR imaging in the comparison to isotropic 3D True-FISP and standard 2D MRI to depict the 3D MOCART score (SS 410), B-173

Welsch G.H., Werner S., Marlovits S., Mamisch T.C., Stelzeneder D., Messner A., Kautzky-Willer A., Domayer S., Trattnig S.
Effect of gender in the follow-up after matrix-associated autologous chondrocyte transplantation (MACT) as assessed by morphological and biochemical magnetic resonance imaging (SS 1710b), B-790

West D.J.
Venous intervention: B. Endovascular treatment of varicose veins (RC 1109), A-307

Whitby E.H.
What should we know about antenatal imaging?: B. Ventricular enlargement and beyond (E³ 820), A-236

Wielputz M.O., Puderbach M., Eichinger M., Weinheimer O., Ley S., Kauczor H., Heußel C.
Quantitative airway analysis on thin-section MD-CT in cystic fibrosis (SS 1604), B-626

Wießpeiner U., Vollmann R., Deutschmann H., Augustin M., Leber K., Ebner F.
Reperfusion of cerebral aneurysms after endovascular coiling: CE and TOF MRA at 3 Tesla: a powerful alternative to DSA? (SS 415), B-250

Wiggemann P., Brosche C., Brauer T., Sieron D., Stroszczynski C.
Transarterial chemoembolisation of unresectable hepatocellular carcinoma (HCC): drug-eluting-bead embolisation (DEB-TACE) vs conventional TACE with cisplatin/lipiodol (CTACE) (SS 409), B-155

Wildgruber M., Settles M., Braren R., Ntziachristos V., Rummeny E., Botnar R., Huber A.
Magnetic resonance imaging of murine myocardial infarction with an elastin-binding contrast agent (SS 1206), B-552

Wilkinson V., Karunasaagarar K., Hurdman J., Elliot C., Kiely D., Hill C.
Pulmonary arterial hypertension associated with systemic sclerosis: prevalence in the absence of interstitial lung disease (SS 804), B-400

Williams M.C., Millar F.R., Weir N., Smith T., Brian D., Uren N., McKillop G., van Beek E.J.R., Newby D.E.
Radiation dose reduction with 320-multidetector computed tomography coronary angiography (SS 503), B-338

Wilms G.
Highlighted Lectures: Basic principles in the interpretation of signal intensities on T1- and T2-weighted images (TF 1), A-181

Wilms G.
Infections of the central nervous system: what the radiologist must report: A. „Dangerous“ viral and prion infections (E³ 1020), A-250

Wilson D.J.
Hip through the ages: A. The paediatric hip (RC 1010), A-261

Wilson D.J., Owen S.E., Corkill R.A.
Facet joint injections as a means of reducing the need for vertebroplasty in insufficiency fractures of the spine (SS 1710a), B-747

Winter L.M., Zellweger M., Weber O., Bieri O., Bremerich J.
Magnetisation transfer steady state free precession imaging of myocardial injury (SS 103), B-096

Wintersperger B.J.
Cardiac imaging: what's up Doc?: C. Cardiac post-processing: latest tricks (RC 203), A-054

Wirth B.
New 1.5T MR technology in clinical practice (SY 2), D-06

Wirth S., Mück F., Körner M., Brummund L., Scherr M., Linsenmaier U., Grimm J., Treitl M., Reiser M.F.
Image quality and dose saving aspects of adaptive statistical iterative reconstruction (ASIR) in 64-row abdominal CT imaging (SS 1713), B-856

Wittenberg R., Peters J.F., van den Berk I.A.H., Freling N.J.M., Lely R.J., de Hoop B., Horsthuis K., Ravesloot C.J., Schaefer-Prokop C.M.
Impact on diagnostic performance and reading time of a computer aided detection algorithm for the detection of acute PE: second reading versus concurrent reading (SS 804), B-392

Woitek R., Kasprian G., Weber M., Brugge P.C., Czech T., Bettelheim D., Prayer D.
Posterior fossa measurements in open and closed neural tube defects on foetal MRI (SS 812), B-471

Wong L.F., Akram A.R., Murchison J.T., Van Beek E.J.R., Reid J.H.
Thrombus load as a direct predictor for right ventricular failure in acute pulmonary embolism as demonstrated by computerised tomography pulmonary angiography (SS 804), B-394

Wörtler K.
Bone tumours: A. Diagnosis: from radiographs to MRI (RC 1810), A-515

Wu C., Lee R., Shen S., Chang C.
Renal artery stenosis: inflow inversion recovery MR angiography versus three-dimensional contrast-enhanced MR angiography (SS 1615), B-683

Wu J., Yang L.
Investigation of myocardial metabolite concentrations: evaluation by localized ¹H magnetic resonance spectroscopy in vivo (SS 1603), B-698

Wu Q., Li M., Zhang J., Li Y.
A comparison study with contrast-enhanced MRA and time-of-flight MRA at 3.0 T for evaluation of intracranial aneurysms (SS 811), B-453

Wu Y., Hao N., Tang Y., Miao F.
Using CT enterography to monitor Crohn's disease activity: a follow-up study (SS 801c), B-437

Wu Y., Hao N., Fei M., Tang Y.
Quantitative measures of comb sign-correlation with disease activity and laboratory indications (SS 801c), B-438

Wytenbach R., Bianda N., Di Valentino M., Périat D., Santini P., Segatto J., Corti R., Gallino A.
Distinct progression of atherosclerosis in carotid and femoral arteries of high-risk patients: 2-year follow-up by MRI vessel wall imaging (SS 415), B-247

X

Xie X.
Clinical application of virtual navigator and GPS in liver tumour ablation (SS 109), B-040

Xie X., Vliegenthart Proenca R., Wang Y., de Bock G.H., Oudkerk M.
CT quantitative measurements correlated with pulmonary function tests in chronic obstructive pulmonary disease: a meta-analysis (SS 504), B-280

Xu J.Q., Jia Q.X., Huan Y.
Value of MRI and diffusion-weighted imaging in evaluating early response of patients with locally advanced breast cancer undergoing recombinant human endostatin chemotherapy (SS 1202), B-545

Xu L.
Effects of contrast agent and outer volume saturation bands on water suppression and shimming of hepatic single-volume proton MR spectroscopy at 3.0T (SS 1601a), B-614

Xu S., Hou Y., Guo Q.Y.
Iterative reconstruction algorithm for hepatic enhanced 256-slice CT: image quality of the liver tumours on routine and low-dose CT (SS 501a), B-259

Ydya A., Klotz E., Haberland U., Bock C., Erb G., Schramm R., Knauth M., Schramm P.
Application of whole brain VPCT in the preoperative assessment of intra-axial brain tumours (SS 111), B-102

Y

Yaffe M.J.
Breast imaging in 2025: Is mammography still an accepted modality for breast cancer imaging in 2025? (NH 10), A-268

Yagil Y., Engel A., Guralnik L.
Do incidentally discovered pulmonary emboli on contrast-enhanced abdominal CT scan warrant further evaluation? (SS 804), B-398

Yakimov A.O., Barkhatova A.N., Lebedeva I.S., Kaleda V.G., Petraikin A.V., Akhakov T.A.
Voxel-based morphometry in young patients with first-episode schizophrenia (SS 1711), B-838

Yamamura J., Schännagel B., Grosse R., Graessner J., Nielsen P., Janka G.E., Adam G., Fischer R.
Cardiac iron distribution within myocardium measured by MRI-R2* in patients with thalassemia (SS 403a), B-206

Yamamura J., Frisch M., Kopp I., Graessner J., Hecher K., Adam G., Wedegärtner U.
Cardiac MRI of the foetal heart using a MR compatible Doppler ultrasound (CTG) for cardiac triggering (SS 1212), B-600

Authors' Index

Yang Z.G., Chen T.W.

Tumour angiogenesis and first-pass perfusion using a low-dose method at multidetector row CT in oesophageal squamous cell carcinoma: radiologic-pathologic correlation (SS 101b), B-011

Yang Z.G., Li Y.

Whole tumour perfusion of peripheral lung carcinoma: evaluation with first-pass low-dose CT perfusion imaging (SS 104), B-030

Yap S.P., Baum T., Burghardt A.J., Link T.M.

Cortical porosity identifies fragility fractures in type-2 diabetic postmenopausal women (SS 510), B-264

Yasunaga K., Cherot-Kornobis N., Edme J., Sobaszek A., Boulenguez C., Duhamel A., Rémy J., Rémy-Jardin M.

Automatic detection and quantification of emphysema in healthy smokers: CT findings in correlation with pulmonary function tests (PFTs) (SS 504), B-274

Ye X.-D., Yuan Z., Dong S., Xiao X.-S.

Relationship of apparent diffusion coefficient to survival for patients with unresectable primary hepatocellular carcinoma after chemoembolisation (SS 409), B-157

Yerli H., Yilmaz T., Kaskati T., Gulay H.

Qualitative and semi-quantitative evaluations of solid breast lesions by sonoelastography (SS 102), B-079

Yilmabasar M.G., Pekar B., Akan K., Hayrioglu A.

Optimal injection site in shoulder MR arthrography: anterior or posterior approach? (SS 1710a), B-744

Yoo J., Suh S., Lee Y., Seo H., Song J., Shin B., Seol H.

Grey and power Doppler study of biopsy proven Kikuchi disease: analysis of 175 cases (SS 408), B-200

Yoon J.-Y., Jeon E.-Y., Choi S., Kim H., Park J.-M., Cho B.-S.

The length of right basilic vein from elbow crease to carina measured during peripherally inserted central catheter insertion under fluoroscopy (SS 809), B-410

Yoong P., Wijeratna M., Guirguis R., Porteous M.

Ultrasound-guided local anaesthetic hip joint injection as a diagnostic tool for osteoarthritis (SS 1710a), B-741

You C., Chai W.M., Tan L., Chen K.M., Wu Z.Y., Wang H.

A quantitative analysis of neurovascular compression in trigeminal nerve: 3-T MR imaging using DTI sequence (SS 1211), B-514

Yousry T.A.

Introduction to the brain: A. Brain anatomy made easy (RC 211), A-049

Yu C.

Altered amplitude of low-frequency fluctuation in adult developmental stuttering (SS 1211), B-518

Yu J., Cho E.

Hepatobiliary phase of gadoteric acid-enhanced MRI in the diagnosis of hepatocellular carcinoma in patients with impaired liver function (SS 1701), B-847

Yuan Y., Liu S.

Detection of metastatic lymph nodes in patients with ovarian cancer by CT, MRI, and PET or PET/CT: a systematic review and meta-analysis (SS 107), B-065

Z

Zagvozdkin E.

The x-choice (SS MS 4)

Zaloni E., Diakatou V.

Improving the clinical supervision of undergraduate students in CT (SS MS 2)

Zanello A., Monti C., Passera E., Chiesa G., Gentinetta F., Angeli E.

CT-guided chest core biopsy: can we perform it in outpatients? (SS 404), B-150

Zanetti M.

The ankle and foot: A. How I do it (CC 716), A-193

Zarb F., Rainford L., McEntee M.F.

Establishing the dose optimisation threshold for CT using psychophysical methods (SS 1214), B-571

Zarb F., Rainford L., McEntee M.F.

CT diagnostic reference levels (DRLs) in Malta (SS 1214), B-573

Zech C.J.

Cystic tumours, endocrine neoplasms and congenital anomalies: B. Endocrine and other solid pancreatic tumours (MC 1019), A-265

Zech C.J.

Surprise in the liver: B. Imaging techniques and typical findings (CC 1118), A-300

Zech C.J., Gschwend S., STUDY Group V.

Multi-center, randomised comparison study to eVALUatE outcomes and resource needs of imaging and treatment following Primovist-enhanced MRI of the liver in comparison to extracellular contrast media-enhanced MRI and contrast-enhanced CT in patients with colorectal cancer and suspected metachronous liver metastases: an interim analysis (SS 406), B-223

Zeng K., De Man B., Thibault J., Hagiwara A.

Model-based iterative reconstruction improves CT image quality (SS 513), B-364

Zhang G., Gu S., Wang T., Han Z.

Uterine artery chemoembolisation: its application in treating C-section scar pregnancy (SS 1709), B-763

Zhang J.W., Feng X.Y.

CT perfusion imaging: does it correlate with CD105 in rat brain C6 glioma? (SS 411), B-220

Zhang L., Pan H.H., Xu N., Du Y.S.

Dual-source 128-section CT coronary angiography at variable heart rates: comparison of image quality and radiation dose (SS 403b), B-235

Zhang L., Wang Q., Yu T., Ying Y., Liu Z., Dai Y., Cao H.

Impacts of ASiR reconstruction on volumetric measurement with low-dose HDCT: phantom study (SS 404), B-145

Zhang M., Lu J., Rong D., Cao Y., Li K.

Longitudinal study on diffusion tensor imaging and clinical prognosis in brainstem infarction (SS 511a), B-299

Zhang X., Sun Y., Li X., Cui Y., Li J., Zhang X.

Spectral CT characterisation of thyroid solitary node: a pilot study (SS 1708), B-816

Zheng L., Kataoka M., Roycjowdhury A., Ferrucci J.

Complications of CT-guided transgluteal pelvic abscess drainage with catheter placement (SS 509), B-283

Zheng L., Li Y., Wang H., Zhao J., Wang X., Hu Y., Zhang G.

Combination of vascular endothelial growth factor antisense oligonucleotide therapy and radiotherapy increases the curative effects against maxillofacial VX2 tumours in rabbits (SS 1706), B-775

Zheng X., Hua Y., Shen G., Li J., Shen Y., Zhang G.

Assessment of CT spectral imaging with metal artefact reduction sequence for metal artefact reduction: in vitro and clinical studies (SS 513), B-370

Zhuang H., Yang Z.

Time-intensity curve parameters in colorectal tumour measured by double contrast-enhanced ultrasonography: correlations with tumour angiogenesis (SS 1201b), B-521

Ziech M.L.W., Lavini C., Nederveen A.J., Ponsioen C.Y., Stokkers P.C.F., Stoker J.

Dynamic contrast-enhanced MRI (DCE-MRI) as an indicator of disease activity in patients with luminal Crohn's disease (SS 801c), B-435

Ziegler S.

Screening and diagnostic breast imaging: Is there a future for radioisotope breast imaging? (EF 2), A-240

Zimny A., Bladowska J., Szewczyk P., Wagel J., Saslaidek M.

Contribution of diffusion and perfusion weighted magnetic resonance imaging in the differentiation of meningiomas and other extra-axial tumours (SS 411), B-213

Zini C., Napoli A., Cartoccia G., Molisso L., Di Mare L., Zaccagna F., Di Paolo P., Catalano C., Passariello R.

Whole-body MRA in Takayasu arteritis: systemic assessment of arterial stenosis and related mural involvement (SS 115), B-049

Zins M.

My 'most beautiful' mistakes: Chairman's introduction (SF 7), A-183

Zins M.

Imaging adenocarcinoma: B. MR imaging: a main course or just a side dish? (MC 1119), A-314

Zins M.

Peritoneum and mesentery: A. Primary solid peritoneal and mesenteric tumours (RC 1801), A-506

Zoumpoulis P.S., Theotokas I., Plagou A., Mpouhria K., Vafeiadis E.

Intraobserver and interobserver variability (ie-iaOVar.) in the estimation of liver fibrosis with shear wave elastography (SWE) in chronic liver disease: a proposition for standardisation through a modified protocol (SS 801a), B-390

Zourla A., Vemmos A., Papakostas S., Tsalkis M., Stavrakas P., Chalazonitis A.

Isolated cerebellar infarct: imaging findings, aetiopathogenesis and clinical outcome (SS 511a), B-298

Authors' Index
