



Thomas Frauenfelder

Kontakt

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Publikationen (43)

Ahero A, Frauenfelder T, Breitenstein A, Ammann P, Kucher N, Barco S. Partially reversible lung consolidation after revascularization of a total occlusion of both left pulmonary veins following ablation of atrial fibrillation: a case report. *Eur Heart J Case Rep* 2023; 7:ytad057.

Ottlinger T, Martini K, Baessler B, Sartoretti T, Bauer R, Leschka S, Sartoretti E, Walter J, Frauenfelder T, Wildermuth S, Alkadhi H, Messerli M. Semi-automated volumetry of pulmonary nodules: Intra-individual comparison of standard dose and chest X-ray equivalent ultralow dose chest CT scans. *Eur J Radiol* 2022; 156:110549.

Fischer T, El Baz Y, Scanferla G, Graf N, Waldeck F, Kleger G, Frauenfelder T, Bremerich J, Kobbe S, Pagani J, Schindera S, Conen A, Wildermuth S, Leschka S, Strahm C, Wälti S, Dietrich T, Albrich W. Comparison of temporal evolution of computed tomography imaging features in COVID-19 and influenza infections in a multicenter cohort study. *Eur J Radiol Open* 2022; 9:100431.

Jungblut L, von Garnier C, Puhan M, Tomonaga Y, Kaufmann C, Azzola A, Bürgi U, Bremerich J, Brutsche M, Christe A, Ebner L, Heverhagen J, Eich C, Franzen D, Schmitt-Opitz I, Schneiter D, Spieldenner J, Horwath N, Kohler M, Weder W, Lovis A, Meuli R, Menig M, Beigelmann-Aubry C, Niemann T, Stöhr S, Vock P, Senn O, Neuner-Jehle S, Selby K, Laures S, Otto S, Frauenfelder T. The Swiss Approach - feasibility of a national low-dose CT lung cancer screening program. *Swiss Med Wkly* 2022; 152

Messerli M, Frauenfelder T, Huellner M, Ter Voert E, Delso G, Warschkow R, Stolzmann P, Muehlematter U, Marcon M, Barbosa F, Veit-Heibach P. Value of PET/MRI for assessing tumor resectability in NSCLC - intra-individual comparison with PET/CT. *Br J Radiol* 2018:20180379.

Wolpert F, Preusser M, Kaufmann P, Reyns N, Roth P, Frauenfelder T, Dummer R, Stahel R, Stupp R, Neidert M, Regli L, Andratschke N, Leske H, Petyt G, Füreder L, Rushing E, Berghoff A, Weller M, Le Rhun E. Diagnostic value of F-fluorodesoxyglucose positron emission tomography for patients with brain metastasis from unknown primary site. *Eur J Cancer* 2018; 96:64-72.

Winklehner A, Gordic S, Lauk E, Frauenfelder T, Leschka S, Alkadhi H, Husarik D. Automated attenuation-based tube voltage selection for body CTA: Performance evaluation of 192-slice dual-source CT. *Eur Radiol* 2015; 25:2346-53.

Gordic S, Frauenfelder T, Leschka S, Stolzmann P, Raupach R, Baumüller S, Husarik D, Flohr T, Allmendinger T, Schmidt B, Morsbach F, Alkadhi H. Ultralow-dose chest computed tomography for pulmonary nodule detection: first performance evaluation of single energy scanning with spectral shaping. *Invest Radiol* 2014; 49:465-73.

Morsbach F, Alkadhi H, Wildermuth S, Allmendinger T, Schmidt B, Frauenfelder T, Husarik D, Desbiolles L, Gordic S, Leschka S. Performance of turbo high-pitch dual-source CT for coronary CT angiography: first ex vivo and patient experience. *Eur Radiol* 2014; 24:1889-95.

Gordic S, Husarik D, Desbiolles L, Leschka S, Frauenfelder T, Alkadhi H. High-pitch coronary CT angiography with third generation dual-source CT: limits of heart rate. *Int J Cardiovasc Imaging* 2014; 30:1173-9.

Farshad-Amacker N, Alkadhi H, Leschka S, Frauenfelder T. Effect of high-pitch dual-source CT to compensate motion artifacts: a phantom study. *Acad Radiol* 2013; 20:1234-9.

von Spiczak J, Stolzmann P, Bunck A, Seifarth H, Maintz D, Flohr T, Leschka S, Frauenfelder T, Winkhofer S, Morsbach F, Alkadhi H. Coronary artery stent imaging with CT using an integrated electronics detector and iterative reconstructions: first in vitro experience. *J Cardiovasc Comput Tomogr* 2013; 7:215-22.

Kelm J, Zünd G, Falk V, Jenni R, Odermatt B, Leschka S, Frauenfelder T, Brokopp C, Weber B, Rudolph K, Begus Nahrman Y, Schmidt D, Zürcher A, Emmert M, Hoerstrup S. Functionality, growth and accelerated aging of tissue engineered living autologous vascular grafts. *Biomaterials* 2012; 33:8277-85.

Amacker N, Mader C, Alkadhi H, Leschka S, Frauenfelder T. Routine chest and abdominal high-pitch CT: an alternative low dose protocol with preserved image quality. *Eur J Radiol* 2012; 81:e392-7.

Pecoraro F, Pfammatter T, Mayer D, Frauenfelder T, Papadimitriou D, Hechelhammer L, Veith F, Lachat M, Rancic Z. Multiple periscope and chimney grafts to treat ruptured thoracoabdominal and pararenal aortic aneurysms. *J Endovasc Ther* 2011; 18:642-9.

Goetti R, Feuchtner G, Stolzmann P, Donati O, Wieser M, Plass A, Frauenfelder T, Leschka S, Alkadhi H. Delayed enhancement imaging of myocardial viability: low-dose high-pitch CT versus MRI. *Eur Radiol* 2011; 21:2091-9.

Karlo C, Gnannt R, Frauenfelder T, Leschka S, Brüesch M, Wanner G, Alkadhi H. Whole-body CT in polytrauma patients: effect of arm positioning on thoracic and abdominal image quality. *Emerg Radiol* 2011; 18:285-93.

Baumüller S, Desbiolles L, Scheffel H, Feuchtner G, Falk V, Plass A, Schertler T, Goetti R, Frauenfelder T, Stolzmann P, Alkadhi H, Leschka S. Computed tomography of the lung in the high-pitch mode: is breath holding still required?. *Invest Radiol* 2011; 46:240-5.

Goetti R, Leschka S, Boschung M, Mayer S, Wyss C, Stolzmann P, Frauenfelder T. Radiation doses from phantom measurements at high-pitch dual-source computed tomography coronary angiography. *Eur J Radiol* 2011

Karlo C, Stolzmann P, Frauenfelder T, Donati O, Leschka S. Computed tomography imaging of subpleural lipoma in two men: two case reports. *J Med Case Reports* 2010; 4:380.

Petrowsky H, Graf R, Frauenfelder T, Weishaupt D, Jochum W, DeOliveira M, Heinrich S, Lehmann K, Vetter D, Slankamenac K, Breitenstein S, Clavien P. Effects of pentoxifylline on liver regeneration: a double-blinded, randomized, controlled trial in 101 patients undergoing major liver resection. *Ann Surg* 2010; 252:813-22.

Fornaro J, Keel M, Harders M, Marincek B, Székely G, Frauenfelder T. An interactive surgical planning tool for acetabular fractures: initial results. *J Orthop Surg Res* 2010; 5:50.

Rancic Z, Pfammatter T, Lachat M, Hechelhammer L, Frauenfelder T, Veith F, Criado F, Mayer D. Periscope graft to extend distal landing zone in ruptured thoracoabdominal aneurysms with short distal necks. *J Vasc Surg* 2010; 51:1293-6.

Krauss T, Pfammatter T, Mayer D, Lachat M, Hechelhammer L, Marincek B, Frauenfelder T. Hybrid-repair of thoraco-abdominal or juxtarenal aortic aneurysm: what the radiologist should know. *Eur Radiol* 2009; 20:1011-22.

Schertler T, Frauenfelder T, Stolzmann P, Scheffel H, Desbiolles L, Marincek B, Kaplan V, Kucher N, Alkadhi H. Triple rule-out CT in patients with suspicion of acute pulmonary embolism: findings and accuracy. *Acad Radiol* 2009; 16:708-17.

Scheffel H, Marincek B, Schertler T, Frauenfelder T, Leschka S, Desbiolles L, Lachat M, Wilhelm M, Stolzmann P, Alkadhi H. Conventional radiography and computed tomography of cardiac assist devices. *Eur Radiol* 2009; 19:2097-106.

Alkadhi H, Marincek B, Cattin P, Genoni M, Trindade P, Schertler T, Plass A, Scheffel H, Leschka S, Stolzmann P, Desbiolles L, Frauenfelder T. Mitral annular shape, size, and motion in normals and in patients with cardiomyopathy: evaluation with computed tomography. *Invest Radiol* 2009; 44:218-25.

Frauenfelder T, Appenzeller P, Karlo C, Scheffel H, Desbiolles L, Stolzmann P, Marincek B, Alkadhi H, Schertler T. Triple rule-out CT in the emergency department: protocols and spectrum of imaging findings. *Eur Radiol* 2008; 19:789-99.

Stolzmann P, Scheffel H, Rentsch K, Schertler T, Frauenfelder T, Leschka S, Sulser T, Marincek B, Alkadhi H. Dual-energy computed tomography for the differentiation of uric acid stones: ex vivo performance evaluation. *Urol Res* 2008; 36:133-8.

Stolzmann P, Scheffel H, Leschka S, Schertler T, Frauenfelder T, Kaufmann P, Marincek B, Alkadhi H. Reference values for quantitative left ventricular and left atrial measurements in cardiac computed tomography. *Eur Radiol* 2008; 18:1625-34.

Stolzmann P, Kaufmann P, Marincek B, Flohr T, Husmann L, Leschka S, Frauenfelder T, Schertler T, Scheffel H, Alkadhi H. Radiation dose estimates in dual-source computed tomography coronary angiography. *Eur Radiol* 2008; 18:592-9.

Scheffel H, Stolzmann P, Frauenfelder T, Schertler T, Desbiolles L, Leschka S, Marincek B, Alkadhi H. Dual-energy contrast-enhanced computed tomography for the detection of urinary stone disease. *Invest Radiol* 2007; 42:823-9.

Schertler T, Marincek B, Flohr T, Seifert B, Stolzmann P, Leschka S, Desbiolles L, Frauenfelder T, Scheffel H, Alkadhi H. Dual-source computed tomography in patients with acute chest pain: feasibility and image quality. *Eur Radiol* 2007; 17:3179-88.

Husmann L, Kaufmann P, Marincek B, Flohr T, Frauenfelder T, Cattin P, Seifert B, Gaemperli O, Schepis T, Desbiolles L, Leschka S, Alkadhi H. Coronary artery motion and cardiac phases: dependency on heart rate -- implications for CT image reconstruction. *Radiology* 2007; 245:567-76.

Alkadhi H, Kaufmann P, Jenni R, Marincek B, Genoni M, Flohr T, Gaemperli O, Schepis T, Vachenaer R, Scheffel H, Leschka S, Plass A, Husmann L, Desbiolles L, Frauenfelder T. Aortic regurgitation: assessment with 64-section CT. *Radiology* 2007; 245:111-21.

Fornaro J, Keel M, Harders M, Marincek B, Trentz O, Székely G, Frauenfelder T. Virtual reposition and fixation of complex pelvic and acetabular fractures: an interactive visuo-haptic surgical planning tool. *Proc. Computer Assisted Radiology and Surgery* 2007

Frauenfelder T, Boutsianis E, Schertler T, Husmann L, Leschka S, Poulikakos D, Marincek B, Alkadhi H. In-vivo flow simulation in coronary arteries based on computed tomography datasets: feasibility and initial results. *Eur Radiol* 2007; 17:1291-300.

Frauenfelder T, Boutsianis E, Schertler T, Husmann L, Leschka S, Poulikakos D, Marincek B, Alkadhi H. Flow and wall shear stress in end-to-side and side-to-side anastomosis of venous coronary artery bypass grafts. *Biomed Eng Online* 2007; 6:35.

Husmann L, Kaufmann P, Marincek B, Frauenfelder T, Flohr T, Seifert B, Gaemperli O, Koepfli P, Schepis T, Desbiolles L, Leschka S, Alkadhi H. Thick maximum intensity projections for the assessment of left ventricular function with 64-slice computed tomography. *Invest Radiol* 2006; 41:746-52.

Scheffel H, Marincek B, Kaufmann P, Genoni M, Grünenfelder J, Husmann L, Schertler T, Frauenfelder T, Schepis T, Gaemperli O, Desbiolles L, Vachenaue R, Plass A, Alkadhi H, Leschka S. Accuracy of dual-source CT coronary angiography: First experience in a high pre-test probability population without heart rate control. *Eur Radiol* 2006; 16:2739-47.

Frauenfelder T, Lotfey M, Boehm T, Wildermuth S. Computational fluid dynamics: hemodynamic changes in abdominal aortic aneurysm after stent-graft implantation. *Cardiovascular and interventional radiology* 2006; 29:613-23.

Boutsianis E, Dave H, Frauenfelder T, Poulikakos D, Wildermuth S, Turina M, Ventikos Y, Zünd G. Computational simulation of intracoronary flow based on real coronary geometry. *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery* 2004; 26:248-56.

Frauenfelder T, Wildermuth S, Marincek B, Boehm T. Nontraumatic emergent abdominal vascular conditions: advantages of multi-detector row CT and three-dimensional imaging. *Radiographics : a review publication of the Radiological Society of North America, Inc* 2004; 24:481-96.

Projekte (0)

Keine Resultate gefunden.

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