Kantonsspital St.Gallen

Jan-Erik Scholtz

Kontakt

Jan-Erik Scholtz

Publikationen (13)

Messerli M, Dewes P, Scholtz J, Arendt C, Wildermuth S, Vogl T, Bauer R. Evaluation of an adaptive detector collimation for prospectively ECG-triggered coronary CT angiography with third-generation dual-source CT. Eur Radiol 2017; 28:2143-2150.

Martin S, Vogl T, Metzger S, Bauer R, Bodelle B, Booz C, Scholtz J, Hüsers K, Wichmann J, Albrecht M, Lehnert T. Value of a noise-optimized virtual monoenergetic reconstruction technique in dual-energy CT for planning of transcatheter aortic valve replacement. Eur Radiol 2016; 27:705-714.

Dewes P, Frellesen C, Scholtz J, Fischer S, Vogl T, Bauer R, Schulz B. Low-dose abdominal computed tomography for detection of urinary stone disease - Impact of additional spectral shaping of the X-ray beam on image quality and dose parameters. Eur J Radiol 2016; 85:1058-62.

Kaup M, Vogl T, Boettcher M, Lehnert T, Albrecht M, Kromen W, Beeres M, Scholtz J, Wichmann J, Bauer R. Dual-Energy CT-based Display of Bone Marrow Edema in Osteoporotic Vertebral Compression Fractures: Impact on Diagnostic Accuracy of Radiologists with Varying Levels of Experience in Correlation to MR Imaging. Radiology 2016; 280:510-9.

Kaup M, Vogl T, Lehnert T, Beeres M, Kerl J, Bauer R, Albrecht M, Engler A, Scholtz J, Wichmann J. Dual-Energy Computed Tomography Virtual Monoenergetic Imaging of Lung Cancer: Assessment of Optimal Energy Levels. J Comput Assist Tomogr 2016; 40:80-5.

Metzger S, Vogl T, Hammerstingl R, Albrecht M, Kerl J, Beeres M, Scholtz J, Buettner S, Wichmann J, Koehm M, Bauer R. Dual-Energy CT in Patients with Suspected Gouty Arthritis: Effects on Treatment Regimen and Clinical Outcome. Acad Radiol 2015; 23:267-72.

Frellesen C, Vogl T, Lehnert T, Kerl J, Bauer R, Metzger S, Albrecht M, Scholtz J, Hüsers K, Wichmann J, Kaup M, Bodelle B. Noise-optimized advanced image-based virtual monoenergetic imaging for improved visualization of lung cancer: Comparison with traditional virtual monoenergetic imaging. Eur J Radiol 2015; 85:665-72.

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Albrecht M, Vogl T, Lehnert T, Bauer R, Bodelle B, Fischer S, Martin S, Kaup M, Bucher A, Beeres M, Hüsers K, Scholtz J, Wichmann J. Advanced image-based virtual monoenergetic dual-energy CT angiography of the abdomen: optimization of kiloelectron volt settings to improve image contrast. Eur Radiol 2015; 26:1863-70.

Scholtz J, Vogl T, Lehnert T, Bauer R, Kerl J, Wagenblast J, Burck I, Schulz B, Scheerer F, Nöske E, Kraft J, Kaup M, Wichmann J. Objective and subjective image quality of primary and recurrent squamous cell carcinoma on head and neck low-tube-voltage 80-kVp computed tomography. Neuroradiology 2015; 57:645-51.

Albrecht M, Vogl T, Kerl J, Lehnert T, Wagenblast J, Burck I, Bucher A, Dewes P, Kaup M, Bauer R, Kraft J, Scholtz J, Wichmann J. Assessment of an Advanced Monoenergetic Reconstruction Technique in Dual-Energy Computed Tomography of Head and Neck Cancer. Eur Radiol 2015; 25:2493-501.

Wichmann J, Vogl T, Lehnert T, Scholtz J, Kaup M, Bodelle B, Frellesen C, Schulz B, Kerl J, Hu X, Bauer R. 70 kVp computed tomography pulmonary angiography: potential for reduction of iodine load and radiation dose. J Thorac Imaging 2015; 30:69-76.

Scholtz J, Wichmann J, Kaup M, Fischer S, Kerl J, Lehnert T, Vogl T, Bauer R. First performance evaluation of software for automatic segmentation, labeling and reformation of anatomical aligned axial images of the thoracolumbar spine at CT. Eur J Radiol 2014; 84:437–42.

Projekte (0)

Keine Resultate gefunden.

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