



Boris Schulz

Kontakt

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Publikationen (14)

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.

Frellesen C, Vogl T, Hammerstingl R, Schulz B, Kerl J, Schoepf U, De Cecco C, Wichmann J, Hardie A, Fessler F, Bauer R. Dual-energy CT of the pancreas: improved carcinoma-to-pancreas contrast with a noise-optimized monoenergetic reconstruction algorithm. *Eur J Radiol* 2015; 84:2052-8.

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.

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.

Wichmann J, Vogl T, Lehnert T, Bodelle B, Bauer R, Kerl J, Frellesen C, Eckardt A, Wagenblast J, Burck I, Kraft J, Nöske E, Schulz B. Virtual monoenergetic dual-energy computed tomography: optimization of kiloelectron volt settings in head and neck cancer. *Invest Radiol* 2014; 49:735-41.

Beeres M, Vogl T, Schulz B, Wichmann J, Kerl J, Mbalisike E, Gruber-Rouh T, Lee C, Bodelle B, Römer M, Bauer R. Chest-abdomen-pelvis CT for staging in cancer patients: dose effectiveness and image quality using automated attenuation-based tube potential selection. *Cancer Imaging* 2014; 14:28.

Wichmann J, Vogl T, Hammerstingl R, Gruber-Rouh T, Kerl J, Bauer R, Wesarg S, Schulz B, Kromen W, Beeres M, Majenka P, Lehnert T. Single-portal-phase low-tube-voltage dual-energy CT for short-term follow-up of acute pancreatitis: evaluation of CT severity index, interobserver agreement and radiation dose. *Eur Radiol* 2014; 24:2927-35.

Frellesen C, Vogl T, Ackermann H, Bodelle B, Schulz B, Beeres M, Wutzler S, Geiger E, Nau C, Wichmann J, Lehnert T, Kerl J, Stock W, Bauer R. Topogram-based automated selection of the tube potential and current in thoraco-abdominal trauma CT - a comparison to fixed kV with mAs modulation alone. *Eur Radiol* 2014; 24:1725-34.

Wichmann J, Hu X, Kerl J, Schulz B, Bodelle B, Frellesen C, Lehnert T, Vogl T, Bauer R. Non-linear blending of dual-energy CT data improves depiction of late iodine enhancement in chronic myocardial infarction. *Int J Cardiovasc Imaging* 2014; 30:1145-50.

Lehnert T, Vogl T, Ackermann H, Larson M, Schulz B, Burkhard T, Kerl J, Bauer R, Wutzler S, Naguib N, Balzer J. Comparative study between mobile computed radiography and mobile flat-panel radiography for bedside chest radiography: impact of an antiscatter grid on the visibility of selected diagnostically relevant structures. *Invest Radiol* 2014; 49:1-6.

Bodelle B, Bauer R, Holthaus L, Schulz B, Al-Butmeh F, Wichmann J, Beeres M, Vogl T, Kerl J. Dose and image quality of high-pitch dual source computed tomography for the evaluation of cervical lymph node status - comparison to regular 128-slice single source computed tomography. *Eur J Radiol* 2013; 82:e281-5.

Beeres M, Vogl T, Jacobi V, Lee C, Gruber-Rouh T, Herrmann E, Bodelle B, Al-Butmeh F, Kerl M, Schulz B, Loch M, Bauer R. Bolus timing in high-pitch CT angiography of the aorta. *Eur J Radiol* 2013; 82:1028-33.

Vogl T, Schulz B, Bauer R, Stöver T, Sader R, Tawfik A. Dual-energy CT applications in head and neck imaging. *AJR Am J Roentgenol* 2012; 199:S34-9.

Schulz B, Potente S, Zangos S, Friedrichs I, Bauer R, Kerl M, Vogl T, Mack M. Ultra-low dose dual-source high-pitch computed tomography of the paranasal sinus: diagnostic sensitivity and radiation dose. *Acta Radiol* 2012; 53:435-40.

Projekte (0)

Keine Resultate gefunden.

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