



**Thomas Schertler**

**Contact**

Thomas Schertler

## Publications (28)

Baum Mueller 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.

Alkadhi H, Wildermuth S, Desbiolles L, Schertler T, Crook D, Marincek B, Boehm T. Vascular emergencies of the thorax after blunt and iatrogenic trauma: multi-detector row CT and three-dimensional imaging. *Radiographics* 2010; 24:1239-55.

Schertler T, Trindade P, Leschka S, Stolzmann P, Scheffel H, Alkadhi H. Biventricular noncompaction and bilateral outflow obstruction. Echocardiographic and computed tomography imaging features. *Herz* 2010; 35:211-2.

Leschka S, Marincek B, Feuchtner G, Falk V, Plass A, Scheffel H, Schertler T, Goetti R, Baum Mueller S, Desbiolles L, Stolzmann P, Alkadhi H. Diagnostic accuracy of high-pitch dual-source CT for the assessment of coronary stenoses: first experience. *Eur Radiol* 2009; 19:2896-903.

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.

Scheffel H, Baum Mueller S, Stolzmann P, Leschka S, Plass A, Alkadhi H, Schertler T. Atrial myxomas and thrombi: comparison of imaging features on CT. *AJR Am J Roentgenol* 2009; 192:639-45.

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.

Schertler T, Lardinois D, Boehm T, Weder W, Wildermuth S, Alkadhi H. Lung transplantation in Kartagener syndrome and situs inversus: potential of multidetector row computed tomography and three-dimensional postprocessing. *The Journal of thoracic and cardiovascular surgery* 2007; 134:814-5.

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.

Schertler T, Wildermuth S, Teodorovic N, Mayer D, Marincek B, Boehm T. Visualization of congenital thoracic vascular anomalies using multi-detector row computed tomography and two- and three-dimensional post-processing. *European journal of radiology* 2007; 61:97-119.

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.

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.

Schmid M, Schertler T, Pfirrmann C, Saupe N, Manestar M, Wildermuth S, Weishaupt D. Interosseous ligament tears of the wrist: comparison of multi-detector row CT arthrography and MR imaging. *Radiology* 2005; 237:1008-13.

Schertler T, Glücker T, Wildermuth S, Jungius K, Marincek B, Boehm T. Comparison of retrospectively ECG-gated and nongated MDCT of the chest in an emergency setting regarding workflow, image quality, and diagnostic certainty. *Emergency radiology* 2005; 12:19-29.

Schertler T, Wildermuth S, Alkadhi H, Kruppa M, Marincek B, Boehm T. Sixteen-detector row CT angiography for lower-leg arterial occlusive disease: analysis of section width. *Radiology* 2005; 237:649-56.

Willmann J, Baumert B, Schertler T, Wildermuth S, Pfammatter T, Verdun F, Seifert B, Marincek B, Böhm T. Aortoiliac and lower extremity arteries assessed with 16-detector row CT angiography: prospective comparison with digital subtraction angiography. *Radiology* 2005; 236:1083-93.

Schertler T, Wildermuth S, Boehm T. Coarctation and aorto-aortic bypass: three-dimensional post-processing using multidetector row computed tomography. *Heart and vessels* 2005; 20:88-90.

Boehm T, Alkadhi H, Sennst D, Schertler T, Kachelriess M, Kalender W, Marincek B, Wildermuth S. Image quality of volume rendering of the bronchial tree: Kymogram-gated versus retrospectively ECG-gated and non-gated multi-row detector CT. *Academic radiology* 2005; 12:173-81.

Schertler T, Wildermuth S, Willmann J, Alkadhi H, Marincek B, Boehm T. Effects of ECG gating and postprocessing techniques on 3D MDCT of the bronchial tree. *AJR. American journal of roentgenology* 2004; 183:83-9.

Hechelhammer L, Schertler T, Seebach J, Kurrer M, Marincek B, Pfammatter T. Transvenous biopsy of cavo-atrial tumors with the Quick-Core needle. *Cardiovasc Intervent Radiol* 2004; 27:251-3.

Myers J, Schwitter J, Mayer K, Muller P, Rickli H, Klein M, Luchinger R, Beer M, Schertler T, Wagner D, Dubach P. Effects of exercise training on left ventricular volumes and function in patients with nonischemic cardiomyopathy: application of magnetic resonance myocardial tagging. *Am Heart J* 2002; 144:719-25.

## Projects (0)

No results found.

---

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

[support.forschung@kssg.ch](mailto:support.forschung@kssg.ch)