

Publikationsliste

Katrin Stumpe, MD

Peer-Review Articles

1. Whole-body positron emission tomography using fluorodeoxyglucose for staging of lymphoma: effectiveness and comparison with computed tomography.
Stumpe-KD, Urbinelli-M, Steinert-HC, Glanzmann-C, Buck-A, von Schulthess-GK. Eur J Nucl Med 1998; 25:721-728.
2. Radiographically negative stress related bone scintigraphy. MR imaging versus two-phase scintigraphy.
Hodler-J, Steinert-H, Zanetti-M, Frolicher-U, Rogala-J, **Stumpe-K**, von Schulthess-GK. Acta-Radiolol. 1998; 39:416-420.
3. Practicability and safety of dipyridamole cardiac imaging in patients with severe chronic obstructive pulmonary disease. Thurnheer-R, Laube-I, Kaufmann-PA, **Stumpe-KD**, Stammberger-U, Bloch-KE, Weder-W, Russi-EW.
Eur J Nucl Med 1999; 26:812-817.
4. Magnetic resonance-based assessment of global coronary flow and flow reserve and its relation to left ventricular functional parameters: a comparison with positron emission tomography.
Schwitter-J, De Marco-T, Kneifel-S, von Schulthess-GK, Jörg-MC, Arheden-H, Rühm-S, **Stumpe-K**, Buck-A, Parmley-WW, Lüscher-TF, Higgins-LB.
Circulation 2000; 101:2696-702.
5. Infection imaging using whole-body FDG-PET.
Stumpe-KDM, Dazzi-H, Schaffner-A, von Schulthess-GK
Eur-J-Nucl-Med 2000; 27:822-832.
6. Joint accumulations of FDG in whole body PET scans.
Von Schulthess-GK, Meier-N, **Stumpe-KDM**.
Nuklearmedizin 2001; 40:193-197.
7. FDG Positron Emission Tomography for differentiation of degenerative and infectious endplate abnormalities in the lumbar spine detected on MR imaging.
Stumpe-KDM, Zanetti-M, Weishaupt-D, Hodler-J, Boos-N, von Schulthess-GK. AJR 2002; 179:1151-1157.
8. Detection of metallic implant-associated infections with FDG PET in patients with trauma: Correlation with microbiological results.
Schiesser-M, **Stumpe-KDM**, Trentz-O, Kossmann-T, von Schulthess-GK.
Radiology 2003; 226:391-398.
9. Whole-body (18)F-FDG PET improves the management of patients with small cell lung cancer.
Kamel-EM, Zwahlen-D, Wyss-MT, **Stumpe-KDM**, von Schulthess-GK, Steinert-HC. J Nucl Med. 2003; 44:1911-1917.

10. Non-Hodgkin lymphoma and Hodgkin disease: coregistered FDG PET and CT at staging and restaging--do we need contrast-enhanced CT?
Schaefer-NG, Hany-TF, Taverna-C, Seifert-B, **Stumpe-KDM**, von Schulthess-GK, Goerres-GW. *Radiology* 2004;232:823-829.
11. FDG PET in the differentiation of infection and aseptic loosening in patients with total hip replacements: Comparison with conventional radiographs and three-phase bone scintigraphy.
Stumpe-KDM, Nötzli-H, Zanetti-M, Kamel-EM, Hany-TF, Görres-GW, von Schulthess-GK, Hodler-J. *Radiology* 2004; 231:333-341.
12. Significance of incidental ¹⁸F-FDG accumulations in the gastrointestinal tract in PET-CT: Correlation with endoscopic and histopathological results.
Kamel-EM, Thumshirn-M, Truninger-K, Schiesser-M, Fried-M, Padberg-BC, Schneiter-D, Stöckli-S, von Schulthess-GK, **Stumpe-KDM**.
J Nucl Med 2004;45:1804-1810.
13. Successful low toxicity hematopoietic stem cell transplantation for high risk adult chronic granulomatous disease patients.
Güngör-T, Halter-J, Klinik-A, Junge-S, **Stumpe-KDM**, Seger-R, Schanz-U.
Transplantation. 2005; 79:1596-1606.
14. The value of FDG-PET in patients with painful total knee arthroplasty.
Stumpe-KDM, Romero-J, Ziegler-O, Kamel-EM, von Schulthess-GK, Strobel-K, Hodler-J.
Eur J Nucl Med Mol Imaging. 2006; 33:1218-1225.
15. F-18-Fluorodeoxyglucose (FDG) Positron-Emission Tomography of Echinococcus Multilocularis Liver Lesions: Prospective Evaluation of its Value for Diagnosis and Follow-up during Benzimidazole Therapy
Stumpe-KDM, Renner-Schneiter-EC, Kuenzle-K, Grimm-F, Kadry-Z, Clavien-PA, Deplazes-P, von Schulthess-GK, Muellhaupt-B, Ammann-RW, Renner-EL
Infection. 2007;35:11-18.
16. Diagnostic value of ¹⁸F-FDG PET/CT in trauma patients with suspected chronic osteomyelitis
Hartmann-A, Karim-E, Dora-C, Trentz-O, von Schulthess-GK, **Stumpe-KDM**.
Eur J Nucl Med Mol Imaging. 2007;34:704-714. Epub 2006 Nov 29.
17. Schwegler-B, **Stumpe-KDM**, Weishaupt-D, Strobel-K, Spinass-GA, von Schulthess-GK, Hodler-J, Böni-T, Donath-MY. Unsuspected osteomyelitis is frequent in persisting diabetic foot ulcers and better diagnosed by MRI than by ¹⁸F-FDG PET or ^{99m}Tc-MOAB.
J Intern Med. 2008;263:99-106. Epub 2007 Nov 23.
18. The additional value of CT images interpretation in the differential diagnosis of benign vs. malignant primary bone lesions with ¹⁸F-FDG-PET/CT.
Strobel-K, Exner-UE, **Stumpe-KDM**, Hany-TF, Bode-B, Mende-K, Veit-Haibach-P, von Schulthess-GK, Hodler-J
Eur J Nucl Med Mol Imaging. 2008;35:2000-2008. Epub 2008 Aug 20.

19. (18)F-Fluoride PET/CT for detection of sacroiliitis in ankylosing spondylitis.
Strobel-K, Fischer-DR, Tamborrini-G, Kyburz-D, **Stumpe-KDM**, Hesselmann-RG,
Johayem-A, von Schulthess-GK, Michel-BA, Ciurea-A.
Eur J Nucl Med Mol Imaging. 2010 May 27. [Epub ahead of print]
20. Assessment of successful incorporation of cages after cervical or lumbar intercorporeal fusion with (18)F-fluoride positron-emission tomography/computed tomography. Fischer-DR, Zweifel-K, Treyer-V, Hesselmann-R, Johayem-A, **Stumpe-KDM**, von Schulthess-GK, Hany-TF, Strobel-K. Eur Spine J. 2011;20:640-648. Epub 2010 Dec 3.

Case report

1. Chronic osteomyelitis of the femur: value of PET imaging.
Robiller-FC, **Stumpe-KD**, Kossmann-T, Weishaupt-D, Bruder-E, von Schulthess-GK.
Eur J Radio 2000; 10:855-858
2. Pyelocaliceal diverticulum as a rare pitfall in I-131 post-therapy scanning.
Husmann L, Scheffel H, Stumpe K, Schmid S, Alkadhi H, Goerres GW.
Clin Nucl Med. 2010 Jun;35:443-4. No abstract available.

Review

1. 18 F FDG-PET imaging in musculoskeletal infection.
Stumpe-KD, Strobel K.
Q J Nucl Med Mol Imaging. 2006; 50:131-142. Review
2. PET/CT in musculoskeletal infection.
Strobel-K, **Stumpe-KD**
Semin Musculoskelet Radiol. 2007;11:353-364. Review.
3. Osteomyelitis and Arthritis
Stumpe-KDM, Strobel-K.
Semin Nucl Med. 2009; 39:27-35. Review
4. Expanding role of 18F-fluoro-D-deoxyglucose PET and PET/CT in spinal infections.
Gemmel-F, Rijk-PC, Collins-JM, Parlevliet-T, **Stumpe-KDM**, Palestro-CJ.
Eur Spine J. 2010;19:540-51. Epub 2010 Jan 6.

Book Chapters

1) Lippincott Williams & Wilkins 2000. Clinical positron emission tomography (PET). Correlation with morphological cross-sectional imaging.

1. **Basic aspects of clinical PET imaging.** Chapter 7: The normal PET scan by G.K. von Schulthess, Georg Kacl and Katrin D.M. Stumpe (Page 49-69).
2. **Clinical PET imaging in body oncology.** Chapter 18: Lymphoma by Katrin D.M. Stumpe and Gustav K. von Schulthess
3. **Clinical PET imaging of inflammatory diseases of the body.** Chapter 20: Clinical PET imaging of inflammatory diseases by Gustav K. von Schulthess, Katrin D.M. Stumpe and Ivette Engel-Bicik

2) Lippincott Williams & Wilkins 2003. PET, PET/CT and SPECT/CT. Clinical Molecular Anatomic Imaging

1. **Clinical PET and PET/CT Imaging of inflammation in the body.** Chapter 54: PET and PET/CT of soft-tissue infections by Gustav K. von Schulthess and Katrin D.M. Stumpe
2. **Clinical PET and PET/CT Imaging of inflammation in the body.** Chapter 55: Infections of the Muskuloskeletal System by Katrin D.M. Stumpe
3. **Clinical PET and PET/CT Imaging of inflammation in the body.** Chapter 56: Infections in patients with Metallic Implants by Katrin D.M. Stumpe

3) Churchill Livingstone. Third edition 2004. Nuclear Medicine in Clinical Diagnosis and Treatment by P.J. Ell and S.S. Gambhir.

Part C: Atlas of PET and SPECT

41. Atlas 1: PET and PET/CT

by A. Buck, G. Görres, T.F. Hany, H. Ch. Steinert, K.D.M. Stumpe, G.K. von Schulthess, S. Hughes, D. Francis, D.C. Costa, P.J. Ell

4) Lippincott Williams & Wilkins 2006. PET, PET/CT and SPECT/CT. Clinical Molecular Anatomic Imaging, involved in 3 chapters