

1. Plaikner M, Loizides A, Peer S, Aigner F, Pecival D, Zbar A, Kremser C, Gruber H. Transperineal ultrasonography as a complementary diagnostic tool in identifying acute perianal sepsis. *Tech Coloproctol*. 2013 May 17. [Epub ahead of print]
2. Djurdjevic T, Loizides A, Löscher W, Gruber H, Plaikner M, Peer S. High resolution ultrasound in posterior interosseous nerve syndrome. *Muscle Nerve*. 2013 Apr 5. doi: 10.1002/mus.23867. [Epub ahead of print]
3. Loizides A, Obernauer J, Peer S, Bale R, Galiano K, Gruber H. Ultrasound-guided injections in the middle and lower cervical spine. *Med Ultrason*. 2012 Sep;14(3):235-8. PubMed PMID: 22957330.
4. Plaikner M, Loizides A, Loescher W, Spiss V, Gruber H, Djurdjevic T, Peer S. Thickened Hyperechoic Outer Epineurium, a Sonographic Sign Suggesting Snapping Ulnar Nerve Syndrome? *Ultraschall Med*. 2012 Aug 14. [Epub ahead of print] PubMed PMID: 22893521.
5. Loizides A, Gruber H, Peer S, Galiano K, Bale R, Obernauer J. Ultrasound Guided Versus CT-Controlled Pararadicular Injections in the Lumbar Spine: A Prospective Randomized Clinical Trial. *AJNR Am J Neuroradiol*. 2012 Jul 19. [Epub ahead of print] PubMed PMID: 22821925.
6. Loizides A, Peer S, Plaikner M, Djurdjevic T, Gruber H. Perfusion pattern of musculoskeletal masses using contrast-enhanced ultrasound: a helpful tool for characterisation? *Eur Radiol*. 2012 Aug;22(8):1803-11. Epub 2012 Mar 13. PubMed PMID: 22411306.
7. Gruber H, Loizides A, Peer S, Gruber I. Ultrasound of the median arcuate ligament syndrome: a new approach to diagnosis. *Med Ultrason*. 2012 Mar;14(1):5-9. PubMed PMID: 22396932.
8. Loizides A, Peer S, Gruber H. Optimal guidance technique for musculoskeletal biopsies. *AJR Am J Roentgenol*. 2012 Mar;198(3):W321; author reply W322. PubMed PMID: 22358034.
9. Ostermann S, Loizides A, Spiss V, Peer S, Gruber H. Notable features in composite tissue allografts: value of high-resolution ultrasonography as a first-line imaging modality. *Ultraschall Med*. 2011 Dec;32 Suppl 2:E1-7. Epub 2011 Dec 16. PubMed PMID: 22179804.
10. Loizides A, Peer S, Plaikner M, Djurdjevic T, Gruber H. Punched Nerve Syndrome: Ultrasonographic Appearance of Functional Vascular Nerve Impairment. *Ultraschall Med*. 2012 Aug;33(4):352-356. Epub 2011 Dec 9. PubMed PMID: 22161613.
11. Spiss V, Loizides A, Plaikner M, Ostermann S, Peer S, Gruber H. Contrast Enhanced Ultrasound of the lower limb deep venous system: a technical feasibility study. *Technical innovation*. *Med Ultrason*. 2011 Dec;13(4):267-71. PubMed PMID: 22132397.
12. Peer S, Freus T, Loizides A, Gruber H. Ultrasound guided core needle biopsy of soft tissue tumors; a fool proof technique? *Med Ultrason*. 2011 Sep;13(3):187-94. PubMed PMID: 21894288.

13. Gruber H, Peer S, Loizides A. The "dark tendon sign" (DTS): a sonographic indicator for idiopathic trigger finger. *Ultrasound Med Biol*. 2011 May;37(5):688-92. Epub 2011 Mar 31. PubMed PMID: 21458147.
14. Henninger B, Larcher P, Peer S. [Traumatic rupture of the common carotid artery by penetrating metal fragment - a radiologic emergency]. *Rofo*. 2011 Sep;183(9):860-1. doi: 10.1055/s-0031-1273205. Epub 2011 Mar 9. German. PubMed PMID: 21391176.
15. Loizides A, Peer S, Plaikner M, Spiss V, Galiano K, Obernauer J, Gruber H. Ultrasound-guided injections in the lumbar spine. *Med Ultrason*. 2011 Mar;13(1):54-8. Erratum in: *Med Ultrason*. 2011 Jun;13(2):178. PubMed PMID: 21390344.
16. Loizides A, Gruber H, Peer S, Brenner E, Galiano K, Obernauer J. A new simplified sonographic approach for paravertebral injections in the lumbar spine: a CT-controlled cadaver study. *AJNR Am J Neuroradiol*. 2011 May;32(5):828-31. Epub 2011 Feb 24. PubMed PMID: 21349957.
17. Loizides A, Widmann G, Freuis T, Peer S, Gruber H. Optimizing ultrasound-guided biopsy of musculoskeletal masses by application of an ultrasound contrast agent. *Ultraschall Med*. 2011 Jun;32(3):307-10. Epub 2010 Oct 11. PubMed PMID: 20938892.
18. Loizides A, Peer S, Ostermann S, Henninger B, Stampfer-Kountchev M, Gruber H. Unusual functional compression of the deep branch of the radial nerve by a vascular branch (leash of Henry): ultrasonographic appearance. *Rofo*. 2011 Feb;183(2):163-6. Epub 2010 Oct 11. PubMed PMID: 20938884.
19. Gruber H, Glodny B, Peer S. The validity of ultrasonographic assessment in cubital tunnel syndrome: the value of a cubital-to-humeral nerve area ratio (CHR) combined with morphologic features. *Ultrasound Med Biol*. 2010 Mar;36(3):376-82. Epub 2010 Feb 4. PubMed PMID: 20133042.
20. Gruber H, Peer S. [The depiction of the cubital segment of the ulnar nerve by high resolution sonography--is it a helpful diagnostic tool for the assessment of the cubital tunnel syndrome?]. *Handchir Mikrochir Plast Chir*. 2009 Feb;41(1):13-7. Epub 2009 Feb 17. Review. German. PubMed PMID: 19224416.
21. Aigner F, Bonatti H, Peer S, Conrad F, Fritsch H, Margreiter R, Gruber H. Vascular considerations for stapled haemorrhoidopexy. *Colorectal Dis*. 2010 May;12(5):452-8. Epub 2009 Feb 13. PubMed PMID: 19222523.
22. Widmann G, Riedl A, Schoepf D, Glodny B, Peer S, Gruber H. State-of-the-art HR-US imaging findings of the most frequent musculoskeletal soft-tissue tumors. *Skeletal Radiol*. 2009 Jul;38(7):637-49. Epub 2008 Oct 10. Review. PubMed PMID: 18846371.
23. Peer S. [The place of sonography in the diagnostic work-up of haemangiomas and vascular malformations]. *Handchir Mikrochir Plast Chir*. 2009 Apr;41(2):70-7. Epub 2008 Sep 19. Review. German. PubMed PMID: 18803151.
24. Gruber H, Glodny B, Kopf H, Bendix N, Galiano K, Strasak A, Peer S. Practical experience with sonographically guided phenol instillation of stump neuroma: predictors of effects, success,

and outcome. *AJR Am J Roentgenol.* 2008 May;190(5):1263-9. Erratum in: *AJR Am J Roentgenol.* 2008 Jul;191(1):297. Bodner, Gerd [removed]. PubMed PMID: 18430842.

25. Gruber H, Glodny B, Bendix N, Tzankov A, Peer S. High-resolution ultrasound of peripheral neurogenic tumors. *Eur Radiol.* 2007 Nov;17(11):2880-8. Epub 2007 Apr 20. Review. PubMed PMID: 17447070.
26. Mittermayr M, Fries D, Gruber H, Peer S, Klingler A, Fischbach U, Gunga HC, Koralewski E, Faulhaber M, Simmer M, Schobersberger W. Leg edema formation and venous blood flow velocity during a simulated long-haul flight. *Thromb Res.* 2007;120(4):497-504. Epub 2007 Jan 23. PubMed PMID: 17250877.
27. Gruber H, Glodny B, Galiano K, Kamelger F, Bodner G, Hussl H, Peer S. High-resolution ultrasound of the supraclavicular brachial plexus--can it improve therapeutic decisions in patients with plexus trauma? *Eur Radiol.* 2007 Jun;17(6):1611-20. Epub 2006 Oct 27. PubMed PMID: 17072615.
28. Peer S, Faulkner K, Torbica P, Peer R, Busch HP, Vetter S, Neofotistou E, Back C, Bosmans H, Vaño E. Relevant training issues for introduction of digital radiology: results of a survey. *Radiat Prot Dosimetry.* 2005;117(1-3):154-61. Epub 2006 Feb 7. PubMed PMID: 16464842.
29. Gruber H, Peer S, Meirer R, Bodner G. Peroneal nerve palsy associated with knee luxation: evaluation by sonography--initial experiences. *AJR Am J Roentgenol.* 2005 Nov;185(5):1119-25. PubMed PMID: 16247119.
30. Gruber H, Kovacs P, Peer S, Frischhut B, Bodner G. Sonographically guided phenol injection in painful stump neuroma. *AJR Am J Roentgenol.* 2004 Apr;182(4):952-4. PubMed PMID: 15039170.
31. Mallouhi A, Bonatti H, Peer S, Lugger P, Conrad F, Bodner G. Detection and characterization of perianal inflammatory disease: accuracy of transperineal combined gray scale and color Doppler sonography. *J Ultrasound Med.* 2004 Jan;23(1):19-27. PubMed PMID: 14756349.
32. Peer S, Harpf C, Willeit J, Piza-Katzer H, Bodner G. Sonographic evaluation of primary peripheral nerve repair. *J Ultrasound Med.* 2003 Dec;22(12):1317-22. PubMed PMID: 14682418.
33. Peer S, Giacomuzzi SM, Peer R, Gassner E, Steingruber I, Jaschke W. Resolution requirements for monitor viewing of digital flat-panel detector radiographs: a contrast detail analysis. *Eur Radiol.* 2003 Feb;13(2):413-7. Epub 2002 Jun 14. PubMed PMID: 12599009.
34. Gruber H, Peer S, Kovacs P, Marth R, Bodner G. The ultrasonographic appearance of the femoral nerve and cases of iatrogenic impairment. *J Ultrasound Med.* 2003 Feb;22(2):163-72. PubMed PMID: 12562121.
35. Bodner G, Kreczy A, Rachbauer F, Baechter O, Peer S. Eosinophilic granuloma of the bone: ultrasonographic imaging. *Australas Radiol.* 2002 Dec;46(4):418-21. PubMed PMID: 12452916.

36. Peer S, Kiechl-Kohlendorfer U, Gassner I. Air in the main pancreatic duct revealed by abdominal ultrasound: an additional diagnostic sign in paediatric patients with duodenal obstruction. *Clin Radiol*. 2002 Oct;57(10):945-8. PubMed PMID: 12413921.
37. Bodner G, Harpf C, Gardetto A, Kovacs P, Gruber H, Peer S, Mallhoui A. Ultrasonography of the accessory nerve: normal and pathologic findings in cadavers and patients with iatrogenic accessory nerve palsy. *J Ultrasound Med*. 2002 Oct;21(10):1159-63. PubMed PMID: 12369671.
38. Pechlaner S, Kathrein A, Gabl M, Lutz M, Angermann P, Zimmermann R, Peer R, Peer S, Rieger M, Freund M, Rudisch A. [Distal radius fractures and concomitant lesions. Experimental studies concerning the pathomechanism]. *Handchir Mikrochir Plast Chir*. 2002 May;34(3):150-7. German. PubMed PMID: 12203148.
39. Peer R, Lanser A, Giacomuzzi SM, Pechlaner S, Künzel H, Bodner G, Gaber O, Jaschke W, Peer S. Storage phosphor radiography of wrist fractures: a subjective comparison of image quality at varying exposure levels. *Eur Radiol*. 2002 Jun;12(6):1354-9. Epub 2002 Feb 21. PubMed PMID: 12042939.
40. Peer S, Neitzel U, Giacomuzzi SM, Pechlaner S, Künzel KH, Peer R, Gassner E, Steingruber I, Gaber O, Jaschke W. Direct digital radiography versus storage phosphor radiography in the detection of wrist fractures. *Clin Radiol*. 2002 Apr;57(4):258-62. PubMed PMID: 12014869.
41. Bodner G, Schocke MF, Rachbauer F, Seppi K, Peer S, Fierlinger A, Sununu T, Jaschke WR. Differentiation of malignant and benign musculoskeletal tumors: combined color and power Doppler US and spectral wave analysis. *Radiology*. 2002 May;223(2):410-6. PubMed PMID: 11997546.
42. Gassner EM, Schocke M, Peer S, Schwabegger A, Jaschke W, Bodner G. Persistent median artery in the carpal tunnel: color Doppler ultrasonographic findings. *J Ultrasound Med*. 2002 Apr;21(4):455-61. PubMed PMID: 11934102.
43. Peer S, Kovacs P, Harpf C, Bodner G. High-resolution sonography of lower extremity peripheral nerves: anatomic correlation and spectrum of disease. *J Ultrasound Med*. 2002 Mar;21(3):315-22. PubMed PMID: 11883543.
44. Bodner G, Peer S, Karner M, Perkmann R, Neuhauser B, Vogel W, Jaschke W. Nontumorous vascular malformations in the liver: color Doppler ultrasonographic findings. *J Ultrasound Med*. 2002 Feb;21(2):187-97. PubMed PMID: 11833874.
45. Willeit J, Kiechl S, Kiechl-Kohlendorfer U, Golaszewski S, Peer S, Poewe W. Juvenile asymmetric segmental spinal muscular atrophy (Hirayama's disease): three cases without evidence of "flexion myelopathy". *Acta Neurol Scand*. 2001 Nov;104(5):320-2. PubMed PMID: 11696029.
46. Giacomuzzi SM, Torbica P, Rieger M, Lottersberger C, Peer S, Peer R, Perkmann R, Buchberger W, Bale R, Mallouhi A, Jaschke W. [Radiation exposure in single slice and multi-slice spiral CT (a phantom study)]. *Rofo*. 2001 Jul;173(7):643-9. German. PubMed PMID: 11512238.

47. Bach CM, Steingruber IE, Peer S, Peer-Kühberger R, Jaschke W, Ogon M. Radiographic evaluation of cervical spine trauma. Plain radiography and conventional tomography versus computed tomography. *Arch Orthop Trauma Surg.* 2001 Jul;121(7):385-7. PubMed PMID: 11510902.
48. Peer S, Peer R, Giacomuzzi SM, Jaschke W. Comparative reject analysis in conventional film-screen and digital storage phosphor radiography. *Radiat Prot Dosimetry.* 2001;94(1-2):69-71. PubMed PMID: 11487846.
49. Giacomuzzi SM, Buchberger W, Peer R, Peer S, Bale R, Perkmann R, Jaschke W. Psychophysical aspects in medical illumination techniques. *Radiat Prot Dosimetry.* 2001;94(1-2):197-9. PubMed PMID: 11487836.
50. Peer S, Bodner G, Meirer R, Willeit J, Piza-Katzer H. Examination of postoperative peripheral nerve lesions with high-resolution sonography. *AJR Am J Roentgenol.* 2001 Aug;177(2):415-9. PubMed PMID: 11461873.
51. Peer S, Neitzel U, Giacomuzzi SM, Peer R, Gassner E, Steingruber I, Jaschke W. Comparison of low-contrast detail perception on storage phosphor radiographs and digital flat panel detector images. *IEEE Trans Med Imaging.* 2001 Mar;20(3):239-42. PubMed PMID: 11341713.
52. Bach CM, Steingruber IE, Peer S, Nogler M, Wimmer C, Ogon M. Radiographic assessment in total knee arthroplasty. *Clin Orthop Relat Res.* 2001 Apr;(385):144-50. PubMed PMID: 11302305.
53. Bodner G, Peer S, Fries D, Dessl A, Jaschke W. Color and pulsed Doppler ultrasound findings in normally functioning transjugular intrahepatic portosystemic shunts. *Eur J Ultrasound.* 2000 Dec;12(2):131-6. PubMed PMID: 11118920.
54. Bodner G, Peer S, Kreczy A, Waldenberger P, Fries D. [Results of Doppler sonography in normally functioning transjugular portosystemic shunts]. *Ultraschall Med.* 2000 Aug;21(4):160-4. German. PubMed PMID: 11008314.
55. de Vries A, Griebel J, Judmaier W, Kremser C, Gneiting T, Hoflehner J, Peer S, Ofner D, Brandl M, Schocke M, Rettl G, Debbage P, Aichner F, Lukas P. [Development and application of dynamic MR imaging in the evaluation of perfusion changes in rectal carcinoma during radiotherapy in clinical routine. Preliminary results]. *Strahlenther Onkol.* 1999 Nov;175(11):569-76. German. PubMed PMID: 10584128.
56. Peer S, Peer R, Walcher M, Pohl M, Jaschke W. Comparative reject analysis in conventional film-screen and digital storage phosphor radiography. *Eur Radiol.* 1999;9(8):1693-6. PubMed PMID: 10525892.
57. Peer S, Vogl R, Peer R, Jaschke W. Sophisticated hospital information system/radiology information system/picture archiving and communications system (PACS) integration in a large-scale traumatology PACS. *J Digit Imaging.* 1999 May;12(2 Suppl 1):99-102. PubMed PMID: 10342180.

58. Peer S, Vogl R, Seykora P, Baldauf E, Peer R, Jaschke W. [First experiences with the trauma radiologic PACS project at the University of Innsbruck Department of Radiology]. *Rofo*. 1998 Nov;169(5):459-64. German. PubMed PMID: 9849593.
59. Judmaier W, Peer S, Krejzi T, Dessl A, Kühberger R. MR findings in tibial adamantinoma. A case report. *Acta Radiol*. 1998 May;39(3):276-8. PubMed PMID: 9571943.
60. Rudisch A, Kremser C, Peer S, Kathrein A, Judmaier W, Daniaux H. Metallic artifacts in magnetic resonance imaging of patients with spinal fusion. A comparison of implant materials and imaging sequences. *Spine (Phila Pa 1976)*. 1998 Mar 15;23(6):692-9. PubMed PMID: 9549791.
61. Kremser C, Rudisch A, Peer S, Judmaier W, Aichner F. MR imaging of the internally stabilized spine. *Radiology*. 1998 Apr;207(1):275-6. PubMed PMID: 9530329.
62. Peer S, Kühberger R, Dessl A, Judmaier W. MR imaging findings in hibernoma. *Skeletal Radiol*. 1997 Aug;26(8):507. PubMed PMID: 9297759.
63. Hergan K, Morrigl B, Kathrein A, Buchberger W, Judmaier W, Peer S, Oser W. MR and CT anatomy of the axilla. *Acta Radiol*. 1997 Mar;38(2):198-205. PubMed PMID: 9093151.
64. Peer S, Krismer M, Judmaier W, Kerber W. [The value of MRI in the preoperative assessment of scoliosis]. *Orthopade*. 1994 Sep;23(5):318-22. German. PubMed PMID: 7970692.