

## International peer-reviewed publication list

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Rager O, Schaller K, **Payer M**, Tchernin D, Ratib O, Tessitore E. SPECT/CT in Differentiation of Pseudarthrosis From Other Causes of Back Pain in Lumbar Spinal Fusion. *Clinical Nuclear Medicine* 2012 April; 37 (4):339-343

46

Tessitore E, Bartoli A, Schaller K, **Payer M**. Accuracy of freehand fluoroscopy-guided placement of C1 lateral mass and C2 isthmic screws in atlanto-axial instability. *Acta Neurochir (Wien)*. 2011 Jul;153(7):1417-25.

45

**Payer M**. "Minimally invasive" lumbar spine surgery: a critical review. *Acta Neurochir (Wien)*. 2011 Jul;153(7):1455-9. Epub 2011 May 1. Review.

44

**Payer M**, Agosti R. Spontaneous acute spinal subdural hematoma: spontaneous recovery from severe paraparesis: Case report and review. *Acta Neurochir (Wien)* 2010 Nov;152(11):1981-4.

43

**Payer M**, Brühlhart K. Spinal extradural arachnoid cysts: Case report and review of surgical techniques. *J Clin Neurosci* 2011 Apr;18(4):559-60. Epub 2011 Jan 21. Review.

42

Ciarlo DE, Burger S, **Payer M**, Lee C, McCallum N. GeneXpert captures unstable MRSA rapidly losing the mecA gene. *J Clin Microbiol*. 2010 Aug;48(8):3030-2.

41

**Payer M**, Sottas C, Bonvin C. Superficial siderosis of the central nervous system: Secondary progression despite successful surgical treatment, mimicking amyotrophic lateral sclerosis. Case report and review. *Acta Neurochir (Wien)*. 2010 Aug;152(8):1411-6.

40

**Payer M**, Luzi M, Tessitore E. Posterior atlanto-axial fixation with polyaxial C1 lateral mass screws and C2 pars screws. *Acta Neurochir (Wien)*. 2009 Mar;151(3):223-9; discussion 229.

39

**Payer M**. Tumeurs spinales, 2e partie: Tumeurs intradurales-extramédullaires. *Forum Med Suisse* 2008;8(39):729–733.

38

**Payer M.** Tumeurs spinales, 1re partie: tumeurs intramédullaires. Forum Med Suisse 2008;8(38):705–709.

37

Tessitore E, Momjian A, **Payer M.** Posterior reduction and fixation of an unstable Jefferson fracture with C1 lateral mass screws, C2 isthmus screws, and crosslink fixation : technical case report. Neurosurgery. 2008 Jul;63(1 Suppl 1):ONSE100-1.

36

Genevay S, Finckh A, **Payer M,** Mezin F, Tessitore E, Gabay C, Guerne PA. Elevated levels of tumor necrosis factor-alpha in periradicular fat tissue in patients with radiculopathy from herniated disc. Spine. 2008 Sep 1;33(19):2041-6.

35

**Payer M.** Bandscheibenvorfall in der Halswirbelsäule - Indikationen für die Neurochirurgie und deren Erfolgsaussichten. The Medical Journal 2008;3:19-22.

34

**Payer M,** Walser H. Evacuation of a 14-vertebral-level cervico-thoracic epidural abscess and review of surgical options for extensive spinal epidural abscesses. J Clin Neurosci. 2008 Apr;15(4):483-6.

33

**Payer M,** Sottas C. Mini-open anterior approach for corpectomy in the thoracolumbar spine. Surg Neurol. 2008;69(1):25-31.

32

**Payer M,** Bach-Kliegel B. Spinale epidurale Lipomatose: be- oder verkannt? Schweiz Med Forum 2007;45:921-923.

31

**Payer M,** von Briel T. Intradural pleural malignant mesothelioma. Acta Neurochir (Wien). 2007; 149(10):1053-6.

30

**Payer M,** Tessitore E. Delayed surgical management of a traumatic bilateral cervical facet dislocation by an anterior-posterior-anterior approach. J Clin Neurosci. 2007 Aug;14(8):782-6.

29

Woiciechowsky C, **Payer M.** Implantation of a distractible titanium cage after cervical corpectomy: technical experience in 20 consecutive cases, by M. Payer, Volume 148, Issue 11, November 2006, Pages 1173-1180. Acta Neurochir (Wien). 2007 Feb;149(2):213-4.

28

Giger R, Dulguerov P, **Payer M**. Anterior cervical osteophytes causing dysphagia and dyspnea: an uncommon entity revisited. *Dysphagia*. 2006 Oct;21(4):259-63.

27

**Payer M**. Implantation of a distractible titanium cage after cervical corpectomy: technical experience in 20 consecutive cases. *Acta Neurochir (Wien)*. 2006 Nov;148(11):1173-80; discussion 1180.

26

**Payer M**, Radovanovic I, Jost G. Resection of thoracic dumbbell neurinomas: Single postero-lateral approach or combined posterior and transthoracic approach? *J Clin Neurosci*. 2006 Jul;13(6):690-3.

25

Tessorre E, Burkhardt K, **Payer M**. Primary clear-cell chondrosarcoma of the cervical spine. Case illustration. *J Neurosurg Spine*. 2006 May;4(5):424.

24

Schils F, Rilliet B, **Payer M**. Implantation of an empty carbon fiber cage or a tricortical iliac crest autograft after cervical discectomy for single-level disc herniation: a prospective comparative study. *J Neurosurgery Spine*. 2006 Apr;4(4):292-9.

23

**Payer M**. Surgical management of cervical fractures in ankylosing spondylitis using a combined posterior-anterior approach. *J Clin Neurosci*. 2006 Jan;13(1):73-7.

22

**Payer M**. Unstable burst fractures of the thoraco-lumbar junction: treatment by posterior bisegmental correction/fixation and staged anterior corpectomy and titanium cage implantation. *Acta Neurochir (Wien)*. 2006 Mar;148(3):299-306.

21

**Payer M**, Wetzels S, Kelekis A, Jenny B. Traumatic vertical atlantoaxial dislocation. *J Clin Neurosci*. 2005 Aug;12(6):704-6.

20

**Payer M**. Unstable upper and middle thoracic fractures. Preliminary experience with a posterior transpedicular correction- fixation technique. *J Clin Neurosci*. 2005 June.

19

**Payer M**. Immediate open anterior reduction and antero-posterior fixation/fusion for bilateral cervical locked facets: technical report. *Acta Neurochir (Wien)*. 2005 May;147(5):509-14.

18

**Payer M**. The anterior approach to anterior cervical meningiomas: review illustrated by a case. *Acta Neurochir (Wien)*. 2005 May;147(5):555-60. Epub 2005 Mar 4.

17

**Payer M**, Schmidt M. Management of Traumatic Bilateral Locked Facets of the Subaxial Cervical Spine. *Contemp Neurosurg*. 2005 March; 27(6).

16

**Payer M**, Sottas CC. Traumatic atlanto-occipital dislocation: presentation of a new posterior occipitoatlantoaxial fixation technique in an adult survivor: technical case report. : *Neurosurgery*. 2005 Jan;56(1 Suppl):E203; discussion E203.

15

Di Patre PL, **Payer M**, Brunea M, Delavelle J, De Tribolet N, Pizzolato G. Malignant transformation of a spinal cord ganglioglioma--case report and review of the literature. *Clin Neuropathol*. 2004 Nov-Dec;23(6):298-303.

14

Mehdizade A, **Payer M**, Somon T, Wilhelm K, Kelekis A, Wetzel S, Palmesino M, Lovblad KO, Rufenacht DA, Martin JB. Percutaneous vertebroplasty through a transdiscal access route after lumbar transpedicular instrumentation. *Spine J*. 2004 Jul-Aug;4(4):475-9.

13

Keller A, Zarate M, De Perrot T, **Payer M**, Rilliet B. L'abcès épidural spinal isolé: une autre cause de lombalgies fébriles. *Schweiz Med Forum* 2004;4:255-257.

12

**Payer M**, Delavelle J. Bilateral occipital condylar fracture. Case report about successful treatment with SOMI brace. *J Clin Neurosci*. 2004 Feb;11(2):211-4.

11

**Payer M**, Hodler J, Benini A. Surgical treatment of cervical myelopathy of unclear aetiology. *J Clin Neurosci*. 2004 Feb;11(2):159-62.

10

**Payer M**, Gluf W, Schmidt M. Unilateral locked cervical facets. *Contemp Neurosurg* 2004;26(1):1-6.

9

Martin JB, Wetzel SG, Seium Y, Dietrich PY, Somon T, Gailloud P, **Payer M**, Kelekis A, Rufenacht DA. Percutaneous vertebroplasty in metastatic disease: transpedicular access and treatment of lysed pedicles--initial experience. *Radiology*. 2003 Nov;229(2):593-7.

8

**Payer M**. Neurological manifestation of sacral tumors. *Neurosurg Focus* 15 (2):Article 1, September 2003.

7

**Payer M**, Bijlenga P, Delavelle J. Dysplastic dens of the axis: case report. *J Clin Neurosci*. 2003 Sep;10(5):639-41.

6

**Payer M**, Van Schaeybroeck P, Reverdin A, May D. Idiopathic symptomatic epidural lipomatosis of the lumbar spine. *Acta Neurochir (Wien)*. 2003 Apr;145(4):315-20; discussion 321.

5

**Payer M**, May D, Reverdin A, Tessitore E. Implantation of an empty carbon fiber composite frame cage after single-level anterior cervical discectomy in the treatment of cervical disc herniation: preliminary results. *J Neurosurg*. 2003 Mar;98(2 Suppl):143-8.

4

**Payer M**, Grob D, Benini A, Varga S, Hodler J, Martin JB. Intraosseous glomus tumor of the thoracic spine. Case illustration. *J Neurosurg*. 2002 Jan;96(1 Suppl):137.

3

**Payer M**, Bruder E, Fischer J, Benini A. Thoracic myelopathy due to enlarged ossified yellow ligaments. Case report and review of the literature. *J Neurosurg*. 2000 Jan;92(1 Suppl):105-8.

2

**Payer M**, Yonekawa Y, Imhof HG. Solitary thoracic intradural extramedullary ependymoma. *J Clin Neurosci*. 1999 Jul;6(4):344-345.

1

**Payer M**, Yasuhiko K, Bernays R, Yonekawa Y. Intraoperative color-coded duplex sonography for localization of a distal middle cerebral artery aneurysm: technical case report. *Neurosurgery*. 1998 Apr;42(4):941-2; discussion 942-3.