

Publikationen von PD Dr. Tobias Pitzen

- 1: Pitzen T, Johann K, Steudel WI, Fritsch E.
Cervical Spondylolisthesis C6-C7 in a Young Wrestler: Case Report.
Zentralbl Neurochir. 2008 Apr 29. [Epub ahead of print]
PMID: 18444222 [PubMed - as supplied by publisher]
- 2: Nabhan A, Ahlhelm F, Shariat K, Pitzen T, Steimer O, Steudel WI, Pape D.
The ProDisc-C prosthesis: clinical and radiological experience 1 year after surgery.
Spine. 2007 Aug 15;32(18):1935-41.
PMID: 17700437 [PubMed - indexed for MEDLINE]
- 3: Stulik J, Pitzen TR, Chrobok J, Ruffing S, Drumm J, Sova L, Kucera R, Vyskocil T, Steudel WI.
Fusion and failure following anterior cervical plating with dynamic or rigid plates: 6-months results of a multi-centric, prospective, randomized, controlled study.
Eur Spine J. 2007 Oct;16(10):1689-94. Epub 2007 Aug 8.
PMID: 17684777 [PubMed - indexed for MEDLINE]
- 4: Nabhan A, Pape D, Pitzen T, Steudel WI, Bachelier F, Jung J, Ahlhelm F.
Radiographic analysis of fusion progression following one-level cervical fusion with or without plate fixation.
Zentralbl Neurochir. 2007 Aug;68(3):133-8. Epub 2007 Jul 30.
PMID: 17665339 [PubMed - indexed for MEDLINE]
- 5: Pitzen T, Kettler A, Drumm J, Nabhan A, Steudel WI, Claes L, Wilke HJ.
Cervical spine disc prosthesis: radiographic, biomechanical and morphological post mortal findings 12 weeks after implantation. A retrieval example.
Eur Spine J. 2007 Jul;16(7):1015-20. Epub 2007 Jan 23.
PMID: 17242873 [PubMed - indexed for MEDLINE]
- 6: Fritsch EW, Pitzen T.
[Cervical disc prostheses]
Orthopade. 2006 Oct;35(10):1097-8. German. No abstract available.
PMID: 17195297 [PubMed - indexed for MEDLINE]
- 7: Nabhan A, Ahlhelm F, Pitzen T, Steudel WI, Jung J, Shariat K, Steimer O, Bachelier F, Pape D.
Disc replacement using Pro-Disc C versus fusion: a prospective randomised and controlled radiographic and clinical study.
Eur Spine J. 2007 Mar;16(3):423-30. Epub 2006 Nov 14.
PMID: 17106665 [PubMed - indexed for MEDLINE]

8: Pitzen T, Kiefer R, München D, Barbier D, Reith W, Steudel WI.
Filling a cervical spine cage with local autograft: change of bone density and assessment of bony fusion.
Zentralbl Neurochir. 2006 Feb;67(1):8-13.
PMID: 16518745 [PubMed - indexed for MEDLINE]

9: Pitzen TR, Drumm J, Bruchmann B, Barbier DD, Steudel WI.
Effectiveness of cemented rescue screws for anterior cervical plate fixation.
J Neurosurg Spine. 2006 Jan;4(1):60-3.
PMID: 16506467 [PubMed - indexed for MEDLINE]

10: Fritsch EW, Pitzen T.
[Cervical disc prostheses]
Orthopade. 2006 Mar;35(3):347-59; quiz 360-1. Review. German.
PMID: 16489466 [PubMed - indexed for MEDLINE]

11: Dvorak MF, Pitzen T, Zhu Q, Gordon JD, Fisher CG, Oxland TR.
Anterior cervical plate fixation: a biomechanical study to evaluate the effects of plate design, endplate preparation, and bone mineral density.
Spine. 2005 Feb 1;30(3):294-301.
PMID: 15682010 [PubMed - indexed for MEDLINE]

12: Johnson MG, Fisher CG, Boyd M, Pitzen T, Oxland TR, Dvorak MF.
The radiographic failure of single segment anterior cervical plate fixation in traumatic cervical flexion distraction injuries.
Spine. 2004 Dec 15;29(24):2815-20.
PMID: 15599284 [PubMed - indexed for MEDLINE]

13: Pitzen T, Franta F, Barbier D, Steudel WI.
Insertion torque and pullout force of rescue screws for anterior cervical plate fixation in a fatigued initial pilot hole.
J Neurosurg Spine. 2004 Sep;1(2):198-201.
PMID: 15347006 [PubMed - indexed for MEDLINE]

14: Schmitz B, Pitzen T, Beuter T, Steudel WI, Reith W.
Regional variations in the thickness of cervical spine endplates as measured by computed tomography.
Acta Radiol. 2004 Feb;45(1):53-8.
PMID: 15164779 [PubMed - indexed for MEDLINE]

15: Pitzen TR, Zenner S, Barbier D, Georg T, Steudel WI.
Factors affecting the interface of cervical spine facet screws placed in the technique by Roy-Camille et al.
Eur Spine J. 2004 Oct;13(6):524-9. Epub 2004 Mar 27.
PMID: 15048563 [PubMed - indexed for MEDLINE]

16: Pitzen T, Kränzlein K, Steudel WI, Strowitzki M.
[Complaints and findings at the iliac crest donor site following anterior cervical fusion]

Zentralbl Neurochir. 2004;65(1):7-12. German.
PMID: 14981570 [PubMed - indexed for MEDLINE]

17: Pitzen T, Schmitz B, Georg T, Barbier D, Beuter T, Steudel WI, Reith W.
Variation of endplate thickness in the cervical spine.
Eur Spine J. 2004 May;13(3):235-40. Epub 2004 Jan 17.
PMID: 14730439 [PubMed - indexed for MEDLINE]

18: Pitzen T, Lane C, Goertzen D, Dvorak M, Fisher C, Barbier D, Steudel WI, Oxland T.
Anterior cervical plate fixation: biomechanical effectiveness as a function of posterior element injury.
J Neurosurg. 2003 Jul;99(1 Suppl):84-90.
PMID: 12859066 [PubMed - indexed for MEDLINE]

19: Pitzen T, Barbier D, Tintinger F, Steudel WI, Strowitzki M.
Screw fixation to the posterior cortical shell does not influence peak torque and pullout in anterior cervical plating.
Eur Spine J. 2002 Oct;11(5):494-9. Epub 2002 Jul 11.
PMID: 12384759 [PubMed - indexed for MEDLINE]

20: Pitzen TR, Matthis D, Barbier DD, Steudel WI.
Initial stability of cervical spine fixation: predictive value of a finite element model. Technical note.
J Neurosurg. 2002 Jul;97(1 Suppl):128-34.
PMID: 12120636 [PubMed - indexed for MEDLINE]

21: Pitzen T, Matthis D, Steudel WI.
The effect of posterior instrumentation following PLIF with BAK cages is most pronounced in weak bone.
Acta Neurochir (Wien). 2002 Feb;144(2):121-8; discussion 128.
PMID: 11862511 [PubMed - indexed for MEDLINE]

22: Pitzen T, Geisler FH, Matthis D, Müller-Storz H, Pedersen K, Steudel WI.
The influence of cancellous bone density on load sharing in human lumbar spine: a comparison between an intact and a surgically altered motion segment.
Eur Spine J. 2001 Feb;10(1):23-9.
PMID: 11276832 [PubMed - indexed for MEDLINE]

23: Pitzen T, Matthis D, Steudel WI.
[A validated finite element model of the human spine--description of the model and initial application]
Z Orthop Ihre Grenzgeb. 2001 Jan-Feb;139(1):40-4. German.
PMID: 11253521 [PubMed - indexed for MEDLINE]

24: Pitzen T, Geisler FH, Matthis D, Müller-Storz H, Steudel WI.
Motion of threaded cages in posterior lumbar interbody fusion.
Eur Spine J. 2000 Dec;9(6):571-6.
PMID: 11189929 [PubMed - indexed for MEDLINE]

- 25: Pitzen T, Pedersen K, Matthis D, Müller-Storz H, Steudel WI.
[Is the prediction of initial stability of cervical spinal osteo-synthesis possible using a finite element model?]
Zentralbl Neurochir. 2000;61(3):133-7. German.
PMID: 11189883 [PubMed - indexed for MEDLINE]
- 26: Pitzen T, Matthis D, Müller-Storz H, Ritz R, Caspar W, Steudel WI.
[Effect of spongiosa density on load bearing of the lumbar spine.A finite element analysis]
Z Orthop Ihre Grenzgeb. 2000 Jan-Feb;138(1):17-21. German.
PMID: 10730358 [PubMed - indexed for MEDLINE]
- 27: Pitzen T, Matthis D, Müller-Storz H, Caspar W, Steudel WI, Harms J.
[Primary stability of 2 PLIF (posterior lumbar interbody fusion) techniques--a biomechanical and finite element analysis]
Zentralbl Neurochir. 1999;60(3):114-20. German.
PMID: 10726333 [PubMed - indexed for MEDLINE]
- 28: Pitzen T, Matthis D, Caspar W, Müller-Storz H, Steudel WI.
[Initial stability of two PLIF-techniques. A biomechanical comparison using a finite element model]
Orthopade. 2000 Jan;29(1):68-72. German.
PMID: 10663249 [PubMed - indexed for MEDLINE]
- 29: Caspar W, Pitzen T.
Anterior cervical fusion and trapezoidal plate stabilization for re-do surgery.
Surg Neurol. 1999 Oct;52(4):345-51; discussion 351-2.
PMID: 10555839 [PubMed - indexed for MEDLINE]
- 30: Pitzen T, Wilke HJ, Caspar W, Claes L, Steudel WI.
Evaluation of a new monocortical screw for anterior cervical fusion and plating by a combined biomechanical and clinical study.
Eur Spine J. 1999;8(5):382-7.
PMID: 10552321 [PubMed - indexed for MEDLINE]
- 31: Pitzen T, Caspar W, Matthis D, Müller-Storz H, König J, Georg T, Wurm EM, Steudel WI.
[Primary stability of 2 PLIF (posterior lumbar interbody fusion)--a biomechanical in vitro comparison]
Z Orthop Ihre Grenzgeb. 1999 May-Jun;137(3):214-8. German.
PMID: 10441825 [PubMed - indexed for MEDLINE]
- 32: Caspar W, Pitzen T, Papavero L, Geisler FH, Johnson TA.
Anterior cervical plating for the treatment of neoplasms in the cervical vertebrae.
J Neurosurg. 1999 Jan;90(1 Suppl):27-34.
PMID: 10413122 [PubMed - indexed for MEDLINE]

33: Geisler FH, Caspar W, Pitzen T, Johnson TA.
Reoperation in patients after anterior cervical plate stabilization in degenerative disease.
Spine. 1998 Apr 15;23(8):911-20.
PMID: 9580959 [PubMed - indexed for MEDLINE]

34: Caspar W, Geisler FH, Pitzen T, Johnson TA.
Anterior cervical plate stabilization in one- and two-level degenerative disease: overtreatment or benefit?
J Spinal Disord. 1998 Feb;11(1):1-11.
PMID: 9493763 [PubMed - indexed for MEDLINE]

35: Pitzen T, Caspar W, Steudel WI, Barbier D.
[Dens fracture in elderly patients and surgical management]
Aktuelle Traumatol. 1994 Apr;24(2):56-9. German.
PMID: 8197902 [PubMed - indexed for MEDLINE]