

I List of Publications **page 2**

II List of Book Chapters **page 9**

III List of Teaching Activities **page 11**

I List of Publications

(Status Jan 2015)

Total Citations (Scopus): 743

Personal H-Index (Scopus): 14

1. Papers accepted for publication or in revision:

Sherlock KE, Turner W, Elsayed S, Bagouri M, Baha L, **Boszczyk BM**, McNally D
The evaluation of digital rectal examination for the assessment of anal tone in suspected cauda equina syndrome.

Accepted: Spine

2. Original papers published (pubmed listed):

44. Quraishi NA, Rajabian A, Spencer A, Arealis G, Mehdian H, **Boszczyk BM**, Edwards KL.

Re-operation Rates in the Surgical Treatment of Spinal Metastases.

Spine J. 2015 [Epub ahead of print]

43. Behrbalk E, Uri O, Parks RM, Grevitt MP, Rickert M, **Boszczyk BM**.

Posterior-only correction of Scheuermann kyphosis using pedicle screws: economical optimization through screw density reduction.

Eur Spine J. 2014 Aug 8. [Epub ahead of print]

IF: pending; Citations: 0

42. Quraishi NA, Ramoutar D, Sureshkumar D, Manoharan SR, Spencer A, Arealis G, Edwards KL, **Boszczyk BM**.

Metastatic spinal cord compression as a result of the unknown primary tumour.

Eur Spine J. 2014 Jul;23(7):1502-7. Epub 2014 Apr 2.

IF: pending; Citations: 0

41. König MA, Panzer S, Schulz J, Bierschneider M, **Boszczyk BM**.

Magnetic resonance imaging changes of intervertebral discs after kyphoplasty.

Eur Spine J. 2014 Mar 25. [Epub ahead of print]

IF: pending; Citations: 0

40. König MA, Milz S, Bayley E, **Boszczyk BM**.

The direct anterior approach to the thoracolumbar junction: an anatomical feasibility study.

Eur Spine J. 2014 Mar 15. [Epub ahead of print]

IF: pending; Citations: 0

39. Hasan MS, Carpenter N, Wei TL, McNally D, Ahmed I, **Boszczyk BM**

Effects of Adding Resorbable Phosphate Glass Fibres and PLA to Calcium Phosphate Bone Cements.

J Appl Biomater Funct Mater. Epub 2014

IF: pending; Citations: 0

38. Konczalik W, Elsayed S, **Boszczyk B**.

Experience of a fellowship in spinal surgery: a quantitative analysis.

Eur Spine J. 2014 Apr;23 Suppl 1:S40-54

IF: pending; Citations: 0

37. Rothenfluh DA, Koenig M, Stokes OM, Behrbalk E, **Boszczyk BM**.

Access-related complications in anterior lumbar surgery in patients over 60 years of age.

Eur Spine J. 2014 Apr;23 Suppl 1:S86-92. Epub 2014 Feb 15

IF: pending; Citations: 0

36. Behrbalk E, Halpern P, **Boszczyk BM**, Parks RM, Chechik O, Rosen N, Shapira A, Merose O, Uri O. *Anxiolytic medication as an adjunct to morphine analgesia for acute low back pain management in the emergency department: a prospective randomized trial.* Spine 2014 Jan 1;39(1):17-22. IF: pending; Citations: 0
35. Quah C, Yeoman MS, Cizinauskas A, Cooper K, Peirce N, McNally D, **Boszczyk B**. *Finite Element investigation of the effect of spina bifida on loading of the vertebral isthmus.* Spine J. 2014 Apr;14(4):675-82. Epub 2013 Nov 21. IF(2013): 2.800; Citations: 0
34. Viehhofer A, Shinohara Y, Sprecher CM, **Boszczyk BM**, Buettner A, Benjamin M, Milz S. *The molecular composition of the extracellular matrix of the human iliolumbar ligament.* Spine J. 2013 Oct 16. [Epub ahead of print] IF(2013): 2.800; Citations: 0
33. Behrbalk E, Uri O, Parks R, Musson R, Soh RC, **Boszczyk BM** *Fusion and subsidence rate of stand alone anterior lumbar interbody fusion using PEEK cage with Recombinant Human Bone Morphogenetic Protein-2* Eur Spine J. 2013 Dec;22(12):2869-75. Epub 2013 Aug 19. IF(2013): 2.473; Citations: 4
32. König M, Vazirzadeh F, Nitulescu A, Behrbalk E, **Boszczyk BM** *Early results of stand-alone anterior lumbar interbody fusion in iatrogenic spondylolisthesis patients* Eur Spine J. 2013 Dec;22(12):2876-83. Epub 2013 Sep 17. IF(2013): 2.473; Citations: 0
31. Behrbalk E, Salame K, Regev GJ, Keynan O, **Boszczyk B**, Lidar Z. *Delayed diagnosis of cervical spondylotic myelopathy by primary care physicians.* Neurosurg Focus. 2013 Jul;35(1):E1. IF(2013): 2.135; Citations: 0
30. Röder C, **Boszczyk B**, Perler G, Aghayev E, Külling F, Maestretti G. *Cement volume is the most important modifiable predictor for pain relief in BKP: results from SWISSspine, a nationwide registry.* Eur Spine J. 2013 Oct;22(10):2241-8. Epub 2013 Jun 18. IF(2013): 2.473; Citations: 5
29. Quraishi NA, Manoharan SR, Arealis G, Khurana A, Elsayed S, Edwards KL, **Boszczyk BM**. *Accuracy of the revised Tokunashi score in predicting survival in patients with metastatic spinal cord compression (MSCC).* Eur Spine J. 2013 Mar;22(S1):21-6. Epub 2013 Jan 18. IF(2013): 2.473; Citations: 4
28. Quraishi NA, Rajagopal TS, Manoharan SR, Elsayed S, Edwards KL, **Boszczyk BM**. *Effect of timing of surgery on neurological outcome and survival in metastatic spinal cord compression.* Eur Spine J. 2013 Jun;22(6):1383-8. Dec 30. Epub 2012 Dec 30. IF(2013): 2.473; Citations: 2
27. Quraishi NA, König M, Booker SJ, Shafafy M, **Boszczyk BM**, Grevitt MP, Mehdian H, Webb JK. *Access related complications in anterior lumbar surgery performed by spinal surgeons.* Eur Spine J. 2013 Mar;22(S1):16-20). Epub 2012 Dec 19. IF(2013): 2.473; Citations: 3
26. Quraishi NA, Giannoulis KE, Manoharan SR, Edwards KL, **Boszczyk BM**. *Surgical treatment of cauda equina compression as a result of metastatic tumours of the lumbo-sacral*

junction and sacrum.

Eur Spine J. 2013 Mar;22(S1):33-7. Epub 2012 Dec 18.
IF(2013): 2.473; Citations: 3

25. König MA, Seidel U, Heini P, Orler R, Quraishi NA, **Boszczyk BM**.
Minimal-invasive Percutaneous Reduction and Trans-sacral Screw Fixation for U-shaped Fractures.
J Spinal Disord Tech. 2013 Feb; 26(1):48-54. Epub 2011, Sep 28
IF(2011): 1.503; Citations: 3

24. Quraishi NA, Giannoulis KE, Edwards KL, **Boszczyk BM**.
Management of metastatic sacral tumours.
Eur Spine J. 2012 Oct;21(10):1984-93.
IF(2012): 2.133; Citations: 7

23. König MA, Jehan S, Balamurali G, Bierschneider M, Grillhösl A, **Boszczyk BM**.
Kyphoplasty for lytic tumour lesions of the spine: prospective follow-up of 11 cases from procedure to death.
Eur Spine J. 2012 Sep;21(9):1873-9.
IF(2012): 2.133; Citations: 4

22. **Boszczyk BM**, Littlewood AP, Putz R.
A geometrical model of vertical translation and alar ligament tension in atlanto-axial rotation.
Eur Spine J. 2012 Aug;21(8):1575-9.
IF(2012): 2.133; Citations: 2

21. Russo A, Balamurali G, Nowicki R, **Boszczyk BM**.
Anterior thoracic foraminotomy through mini-thoracotomy for the treatment of giant thoracic disc herniations.
Eur Spine J. 2012 May;21 (S2):212-20.
IF(2012): 2.133; Citations: 9

20. Lakshmanan P, Purushothaman B, Dvorak V, Schrott W, Thambiraj S, **Boszczyk BM**.
Sagittal endplate morphology of the lower lumbar spine.
Eur Spine J. 2012 May;21 (S2):160-4
IF(2012): 2.133; Citations: 3

19. Clamp JA, Bayley EJ, Ebrahimi FV, Quraishi NA, **Boszczyk BM**.
Safety of fluoroscopy guided percutaneous access to the thoracic spine.
Eur Spine J. 2012 May;21 (S2):207-11.
IF(2012): 2.133; Citations: 1

18. Pal D, Bayley E, Magaji SA, **Boszczyk BM**
Freehand determination of the trajectory angle for cervical lateral mass screws: how accurate is it?
Eur Spine J. 2011 Jun;20(6):972-6.
IF(2011): 1.965; Citations: 7

17. Bayley E, Zia Z, Kerslake R, Klezl Z, **Boszczyk BM**
Lamina-guided lateral mass screw placement in the sub-axial cervical spine.
Eur Spine J. 2010 Apr;19(4):660-4.
IF(2010): 1.994; Citations: 6

16. Bayley E, Zia Z, Kerslake R, **Boszczyk BM**
The ipsilateral lamina-pedicle angle: can it be used to guide pedicle screw placement in the sub-axial cervical spine?
Eur Spine J. 2010 Mar;19(3):458-63.
IF(2010): 1.994; Citations: 1

15. Fakouri B, Nnadi C, **Boszczyk B**, Kunsy A, Cacciola F
When is the appropriate time for surgical intervention of the herniated lumbar disc in the adolescent?
J Clin Neurosci. 2009 Sep;16(9):1153-6.

IF(2009): 1.17; Citations: 7

14. **Boszczyk BM**, Mooij JJ, Schmitt N, Di Rocco C, Fakouri BB, Lindsay KW
Spine surgery training and competence of European neurosurgical trainees.
Acta Neurochir. 2009 Jun;151(6):619-28.
IF(2009): 1.472; Citations: 6

13. Wilke HJ, Mehnert U, Claes LE, Bierschneider M, Jaksche H, **Boszczyk BM**.
Biomechanical Evaluation of Vertebro- and Kyphoplasty with PMMA or Calcium Phosphate cement under Cyclic Loading.
Spine 2006 Dec 1; 31(25):2934-41.
IF(2006) 2.351; Citations: 50

12. **Boszczyk BM**, Boszczyk A, Boos W, Korge A, Mayer HM, Putz R, Benjamin M, Milz S
An immunohistochemical study of the tissue bridging adult spondylolytic defects-the presence and significance of fibrocartilaginous entheses.
Eur Spine J. 2006 Jun;15(6):965-71.
IF(2006): 1.824; Citations: 3

11. **Boszczyk B**, Bierschneider M, Panzer S, Panzer W, Harstall R, Schmid K, Jaksche H
Fluoroscopic radiation exposure of the kyphoplasty patient.
Eur Spine J. 2006 Mar;15(3):347-55.
IF(2006): 1.824; Citations: 31

10. **Boszczyk BM**, Bierschneider M, Hauck S, Beisse R, Potulski M, Jaksche H.
Transcostovertebral kyphoplasty of the mid and high thoracic spine.
Eur Spine J. 2005 Dec;14(10):992-9.
IF(2005): 1.736; Citations: 25

9. Schaan M, Schmitt N, **Boszczyk B**, Jaksche H.
Reduction in late postoperative pain after iliac crest bonegraft harvesting for cervical fusion: a controlled double-blinded study of 100 patients.
Acta Neurochir (Wien). 2004 Sep;146(9):961-5.
IF(2004): 1.080; Citations: 9

8. Schaan M, **Boszczyk B**, Jaksche H, Kramer G, Gunther M, Stohrer M.
Intraoperative urodynamics in spinal cord surgery: a study of feasibility.
Eur Spine J. 2004 Feb;13(1):39-43.
IF(2004): 1.458; Citations: 4

7. **Boszczyk BM**, Bierschneider M, Schmid K, Grillhosl A, Robert B, Jaksche H.
Microsurgical interlaminary vertebro- and kyphoplasty for severe osteoporotic fractures.
J Neurosurg. 2004 Jan;100:32-7.
IF(2004): 2.577; Citations: 28

6. **Boszczyk BM**, Boszczyk AA, Korge A, Grillhosl A, Boos W, Putz R, Milz S, Benjamin M
Immunohistochemical analysis of the extracellular matrix in the posterior capsule of the zygapophysial joints in patients with degenerative L4-5 motion segment instability.
J Neurosurg. 2003 Jul;99:27-33.
IF(2003): 2.286; Citations: 8

5. Boszczyk AA, **Boszczyk BM**, Putz R, Benjamin M, Milz S.
Expression of a wide range of fibrocartilage molecules at the entheses of the alar ligaments - possible antigenic targets for rheumatoid arthritis?
J Rheumatol. 2003 Jul;30(7):1420-5.
IF(2003): 2.674; Citations: 18

4. Boszczyk AA, **Boszczyk BM**, Putz RV.

Prenatal rotation of the lumbar spine and its relevance for the development of the zygapophyseal joints.
Spine. 2002 May 15;27(10):1094-101.
IF(2002): 2.311; Citations: 3

3. Schaan M, Jaksche H, **Boszczyk B**.
Predictors of outcome in head injury: proposal of a new scaling system.
J Trauma. 2002 Apr;52(4):667-74.
IF(2001): 1.617; Citations: 19

2. **Boszczyk BM**, Boszczyk AA, Putz R.
Comparative and functional anatomy of the mammalian lumbar spine.
Anat Rec. 2001 Oct 1;264(2):157-68.
IF(2001): 1.444; Citations: 43

1. **Boszczyk BM**, Boszczyk AA, Putz R, Buttner A, Benjamin M, Milz S.
An immunohistochemical study of the dorsal capsule of the lumbar and thoracic facet joints.
Spine. 2001 Aug 1;26(15):E338-43.
IF(2001): 1.835; Citations: 25

3. Published review articles (pubmed listed):

8. Quraishi NA, Khurana A, Tsegaye MM, **Boszczyk BM**, Mehdian SM.
Calcified giant thoracic disc herniations: considerations and treatment strategies.
Eur Spine J. Eur Spine J. 2014 Apr;23 Suppl 1:S76-83.
IF(2012): 2.133; Citations: 1

7. König MA, Jehan S, Boszczyk AA, **Boszczyk BM**.
Surgical management of U-shaped sacral fractures: a systematic review of current treatment strategies.
Eur Spine J. 2012 Dec 23; 21(5):829-36.
IF(2012): 2.133; Citations: 4

6. **Boszczyk B**
Volume matters: a review of procedural details of two randomised controlled vertebroplasty trials of 2009.
Eur Spine J. 2010 Nov;19(11):1837-40.
IF(2010): 1.994; Citations: 13

5. Bayley E, Srinivas S, **Boszczyk BM**
Clinical outcomes of sacroplasty in sacral insufficiency fractures: a review of the literature.
Eur Spine J. 2009 Sep;18(9):1266-71.
IF(2009): 1.956; Citations: 30

4. Milz S, **Boszczyk BM**, Boszczyk AA, Putz R, Benjamin M.
The enthesis. Physiological morphology, molecular composition and pathoanatomical alterations.
Orthopade. 2005 Jun;34(6):526-32.
IF(2005): 0.495; Citations: 1

3. **Boszczyk BM**, Bierschneider M, Hauck S, Vastmans J, Potulski M, Beisse R, Robert B, Jaksche H.
Conventional and semi-open kyphoplasty.
Orthopade. 2004 Jan;33(1):13-21.
IF(2004): 0.369; Citations: 6

2. Franck H, **Boszczyk BM**, Bierschneider M, Jaksche H.
Interdisciplinary approach to balloon kyphoplasty in the treatment of osteoporotic vertebral compression fractures.
Eur Spine J. 2003 Oct;12 (S2):163-7.
IF(2003): 1.527; Citations: 8

1. Benjamin M, Kumai T, Milz S, **Boszczyk BM**, Boszczyk AA, Ralphs JR.
The skeletal attachment of tendons--tendon "entheses".
Comp Biochem Physiol A Mol Integr Physiol. 2002 Dec;133(4):931-45.
IF(2002): 1.274; Citations: 168

4. Published editorials, technical notes, reviewers comments and case reports (pubmed listed):

Salem KM, Collins I, **Boszczyk BM**.
Salvage of failed odontoid fixation through anterior C1/C2 transarticular screws.
Eur Spine J. 2015 Jan 27. [Epub ahead of print]

Salem KM, Radhakrishnan A, Behrbalk E, **Boszczyk BM**.
The surgical management of atlanto-axial subluxation in juvenile rheumatoid arthritis.
Eur Spine J. 2014 Nov 27. [Epub ahead of print]

Behrbalk E, Uri O, Clamp JA, Rickert M, **Boszczyk BM**.
Bilateral reconstructive costoplasty for razorback deformity correction in adolescent idiopathic scoliosis.
Eur Spine J. 2014 Nov 7. [Epub ahead of print]

Srivastava A, **Boszczyk BM**.
The management of high-grade spondylolisthesis and co-existent late-onset idiopathic scoliosis
Eur Spine J. 2014 Sep 9. [Epub ahead of print]

Bayley E, Boszczyk BM, Chee Cheong RS, Srivastava A.
Major neurological deficit following anterior cervical decompression and fusion: what is the next step?
Eur Spine J. 2014 Jul 1. [Epub ahead of print]

Khurana A, Brousil J, Russo A, Evans A, Quraishi NA, **Boszczyk BM**.
Intracranial hypotension with a sixth cranial nerve palsy subsequent to massive thoracic CSF hygroma: a rare complication of thoracic disc excision.
Eur Spine J. 2013 Sep;22(9):2047-54. [Epub ahead of print]

Mulholland RC, Clamp JC, **Boszczyk BM**.
A short history of spinal training and outlook on spine speciality development in the UK 1948-2013 – Editorial.
Eur Spine J. 2013 Mar;22(S1):1-4.

Parks RM, König MA, **Boszczyk B**, Shafafy M.
Transarticular fusion for treatment of cystic lesion arising from an odontoid fracture.
Eur Spine J. 2013 Jan;22(1):21-5. Epub 2012 Mar 2.

Karampalis C, Lenthall R, **Boszczyk B**.
Solid variant of aneurysmal bone cyst on the cervical spine of a child: case report, differential diagnosis and treatment rationale.
Eur Spine J. 2013 Mar;22(3):523-31.

Cacciola F, Patel V, **Boszczyk B**.
Novel use of bone cement to aid atlanto-axial distraction in the treatment of basilar invagination: A case report and technical note.
Clin Neurol Neurosurg. 2013 Jun;115(6):787-9.

Ramrattan NN, Oner FC, **Boszczyk BM**, Castelein RM, Heini PF.
Cervical spine injury in the young child.
Eur Spine J. 2012 Nov;21(11):2205-11.

Kanna RM, Gradil D, **Boszczyk BM**.

Management of cervical myelopathy due to ossification of posterior longitudinal ligament in a patient with Alström syndrome.

Eur Spine J. 2012 Dec;21(12):2418-24.

Thambiraj S, Forward DP, Thomas J, **Boszczyk BM**.

A novel "pelvic ring augmentation construct" for lumbo-pelvic reconstruction in tumour surgery.

Eur Spine J. 2012 Sep;21(9):1797-803.

Boszczyk B, Sell P.

Bridging the channel: the first British Isles supplement of the European Spine Journal – Editorial.

Eur Spine J. 2012 May;21 Suppl 2:S149-50.

Thambiraj S, **Boszczyk BM**.

Asymmetric osteotomy of the spine for coronal imbalance: a technical report.

Eur Spine J. 2012 May;21 (S2)225-9.

König MA, **Boszczyk BM**

Limited access for 360 degrees in-situ fusion in a dysraphic patient with high grade spondylolisthesis.

Eur Spine J. 2012 Mar;21(3):390-5.

König MA, Leung Y, Jürgens S, Macsweeney S, **Boszczyk BM**.

The routine intra-operative use of pulse oximetry for monitoring can prevent severe thromboembolic complications in anterior surgery.

Eur Spine J. 2011 Dec;20(12):2097-102.

Birkenmaier C, **Boszczyk B**, Baur-Melnyk A, Wegener B, Jansson V.

Intravertebral neotrabecularization as an expression of focal load transfer by a keel-design lumbar total disc arthroplasty.

Arch Orthop Trauma Surg. 2011 Nov;131(11):1481-4.

Jehan S, Elsayed S, Webb J, **Boszczyk B**

L5-S1 disc replacement after two previous fusion surgeries for scoliosis.

Eur Spine J. 2011 May;20(5):669-73.

Bayley E, Clamp J, **Boszczyk B**

Percutaneous approach to the upper thoracic spine: optimal patient positioning.

Eur Spine J. 2009 Dec;18(12):1986-8. Epub 2009 Jul 3.

Au-Yong I, **Boszczyk B**, Mehdian H, Kerslake R

Spontaneous rotatory atlantoaxial dislocation without neurological compromise in a child with Down syndrome: a case report.

Eur Spine J. 2008 Sep;17 (S2):308-11.

Boszczyk B, Timothy J, Peul W, Casey AT.

Neurosurgical training and the spine: reflections on EANS winter meeting Luxembourg, February, 2006 – Editorial.

Acta Neurochir. 2007;149(4):339.

Boszczyk B

Prospective study of standalone balloon Kyphoplasty with calcium phosphate cement augmentation in traumatic fractures (G. Maestretti et al.) – Reviewer's comment.

Eur Spine J. 2007 May;16(5):611.

Schmid KE, **Boszczyk BM**, Bierschneider M, Zarfl A, Robert B, Jaksche H.

Spondylitis following vertebroplasty: a case report.

Eur Spine J. 2005 Nov;14(9):895-9.

Boszczyk B, Bierschneider M, Potulski M, Robert B, Vastmans J, Jaksche H.

Extended kyphoplasty indications for stabilization of osteoporotic vertebral fractures.
Unfallchirurg. 2002 Oct;105(10):952-7.

Boszczyk BM, Krause P, Bolay H, Hohmann F, Mayer HM.
Spinal epidural abscess following blunt pelvic trauma.
Eur Spine J. 2000 Feb;9(1):80-4.

II List of Book Chapters

Boszczyk B, Jones A

Assessment and Treatment of Rheumatoid Arthritis and Inflammatory Spinal Diseases

In: Youman/Winn Neurological Surgery 7th ed

Elsevier 2014

Stokes O, **Boszczyk B**, Abumi K

Cervical pedicle screws

In: F. Shen, D. Samartzis, R. Fessler (eds), The Cervical Spine

Elsevier 2014

Boszczyk B

Tips and Tricks – Vertebral Augmentation.

In: Haertl / Korge (eds) Minimally Invasive Spine Surgery

Techniques, Evidence, and Controversies

Thieme 2012

Saeed K, Bayley E, **Boszczyk B**

Vertebroplasty and Kyphoplasty.

In: U. Vieweg, F. Grochulla (eds.), Manual of Spine Surgery

Springer 2012

Heini PF, Orlor R, **Boszczyk B**

Balloon kyphoplasty and lordoplasty.

In: Percutaneous vertebroplasty and kyphoplasty, 2nd edition.

Springer 2006:134-144

Boszczyk BM, Bierschneider M, Robert B, Jaksche H.

Microsurgical open vertebroplasty and kyphoplasty.

In: H.M. Mayer (ed): Minimally invasive spine surgery, 2nd edition.

Springer 2006:230-239

Boszczyk BM

Zur Klassifizierung der osteoporotischen Wirbelfraktur.

In: S Becker, M Ogon (eds): Ballonkyphoplastie.

Springer 2006: 48-49

Boszczyk BM

Die hochthorakale Kyphoplastie.

In: S Becker, M Ogon (eds): Ballonkyphoplastie.

Springer 2006: 67-69

Boszczyk BM, Bierschneider M

Hinweise zur Strahlenbelastung.

In: S Becker, M Ogon (eds): Ballonkyphoplastie.

Springer 2006: 70-71

Bierschneider M, **Boszczyk BM**, H. Jaksche

Risiken der Kyphoplastie.

In: S Becker, M Ogon (eds): Ballonkyphoplastie.

Springer 2006: 79-83

Boszczyk BM, Bierschneider M

Die mikrochirurgische interlaminäre Kyphoplastie

In: S Becker, M Ogon (eds): Ballonkyphoplastie.

Springer 2006: 90-92

Boszczyk BM, Bierschneider M

Balloon Kyphoplasty

In: E Pedachnko S Kushchayev (eds): Percutaneous vertebroplasty.

ALD-publisher: Kiev. 2005:475-493

Boszczyk B

Spinaler epiduraler Abszess

In: G.O. Hofmann (ed): Infektionen der Knochen und Gelenke.

Urban & Fischer 2004:147-151

Boszczyk BM, Bierschneider M, Robert B, Jaksche H.

Treatment of severe osteoporotic fractures through a microsurgical interlaminary approach.

In: Szpalski M, Gunzburg R (eds): Vertebral osteoporotic compression fractures.

LWW 2003:179-188

III List of Teaching Activities past 5 years

1. Formal curricular teaching activity of the last 5 years

University of Nottingham Faculty of Medicine

Since appointment as special lecturer of the University in 2009:

Clinical “bedside” teaching of students in Complex Spinal Clinics during the Muskuloskeletal rotation.

Regular Participation in ACE and OSCE (clinical medical student examinations)

Ludwig-Maximilians-University of Munich Faculty of Medicine

Regular and ongoing medical student teaching commitment (MeCuM) since 2008:

MeCuM Modul 4 Neurologie und Neurochirurgie

2. Contributions to scientific meetings & educational lecture assignments

2014

M. Czyz, **B. Boszczyk**

Low grade infection

Postoperative spondylodiscitis

Craniocervical kyphosis

Complex upper cervical trauma

AOSpine Masters Symposium, Davos, Switzerland, December 2014

E. Behrbalk, **B. Boszczyk**

Fusion and Subsidence Rate of Stand Alone Anterior Lumbar Interbody Fusion using PEEK Cage with Recombinant Human Bone Morphogenetic Protein-2

Positive Sagittal Balance Correction Using ALIF and TDR Motion Preservation Hybrid Construct without Posterior Fixation – Radiographic Results

The 34th Annual Meeting of the Israel Orthopaedic Association (IOA) in conjunction with the 2nd Conference of the Mediterranean Trauma Society, 26-28 November 2014, Tel-Aviv, Israel.

S. Trecarten, R. Parks, Kaiser, E. Behrbalk, D. McNally, **B. Boszczyk**

A Pilot Project Evaluating the Use of an Innovative Diagnostic Anal Probe for Cauda Equina Syndrome in Healthy Volunteers

15th European Congress of Neurosurgery – EANS, 12-17 October, 2014, Prague, Czech Republic.

E. Behrbalk, **B. Boszczyk**

Thoracic Kyphotic Deformity Staged Correction in Severe Osteoporotic Patients – Surgical Technique, Clinical and Radiographic Results

15th European Congress of Neurosurgery – EANS, 12-17 October, 2014, Prague, Czech Republic.

R. Parks, M. Rickert, E. Behrbalk, B. Boszczyk

Is hydronephrosis a complication after Anterior Lumbar Interbody Fusion?

The 9th German Spine Society meeting, Congress Center Leipzig, 11-13. December 2014.

15th European Congress of Neurosurgery – EANS, 12-17 October, 2014, Prague, Czech Republic.

2013

E. Behrbalk, **B. Boszczyk**

Fusion and Subsidence Rate of Stand Alone Anterior Lumbar Interbody Fusion using PEEK cage with Recombinant Human Bone Morphogenetic Protein-2

North American Spine Society (NASS), 28th Annual Meeting, 9-12 October 2013, New Orleans, USA.

Global Spine Convention (GSC) 04-06 April 2013, Hong-Kong

British Association of Spine Surgeons convention, 13-15 March 2013, Norwich, UK.

E. Behrbalk, H. Mehdian, M. Grevitt, **B. Boszczyk**

Posterior Only Surgical Correction of Scheuermann Kyphosis - Is Bilateral All-level Pedicular Screw Fixation Required?

EuroSpine, 02-04 October 2013, Liverpool, UK.

Scoliosis Research Society, The 20th IMAST, 10-13 July 2013, Vancouver, Canada.

British Scoliosis Research Foundation 50th International Phillip Zorab Symposium", June, 2013, London.

E. Behrbalk, M- König, **B. Boszczyk**

Staged surgical correction of thoracic kyphosis in severe osteoporotic patients - Radiographic outcome

Hollow modular anchorage (HMA) screws: An alternative device in anterior transvertebral fusion?

MRI changes of intervertebral discs after cement augmentation

Direct anterior access to the thoracolumbar junction. A cadaveric feasibility study.

British Association of Spine Surgeons convention, 13-15 March 2013, Norwich, UK.

2012

B. Boszczyk

Cement injection in spinal metastasis

Sacroplasty

Dural tear management

Evidence base of percutaneous fracture fixation in the elderly

Vertebral artery injury management

Giant thoracic disc management

AOSpine Masters Symposium, Davos, Switzerland, December 10-13

NA Quraishi, M König, M Shafafy, **BM Boszczyk**, MP Grevitt, H Mehdian, JK Webb

Access related complications in anterior lumbar surgery performed by spinal surgeons

BritSpine, Newcastle, May 2012

NASS, Dallas, USA October 2012

KE Sherlock, S Elsayed, W Turner, M Bagouri, L Baha, **BM Boszczyk**, D McNally

The Evaluation of digital rectal examination for assessment of anal tone

SBPR, 8 November 2012, Isle of Man

NASS, Dallas, USA October 2012

B. Boszczyk

Surgical management of osteoporotic conditions of the spine

Spinal Symposium, October 2012, Kettering, UK

B. Boszczyk

C2/C3 chondrosarcoma

Staged correction for severe kyphotic deformity due to multiple osteoporotic fractures

Metastatic Renal Cell Carcinoma L3-L5 resection and reconstruction

Spinal Aneurysmal Bone Cysts

2nd Bologna-Budapest Spine Meeting on Tumor and Osteoporosis, September Budapest, Hungary

J. Brousil, M. Grevitt, **B.M. Boszczyk**

Rates of construct failure in lumbar pedicle subtraction osteotomy

Spine Society of Europe (Spineweek) May 2012, Amsterdam, Holland

BritSpine, Newcastle, UK May 2012

G Balamurali, M König, **B. Boszczyk**

Adjacent level cervical disc revision surgery – techniques and outcomes

Spine Society of Europe (Spineweek) May 2012, Amsterdam, Holland

T. Okoro, S. Nunez-Pereira, A. Luca, **B. Boszczyk**, P. Sell

An assessment of the perceived competence of European orthopaedic and neurosurgical spine surgeons

Spine Society of Europe (Spineweek) May 2012, Amsterdam, Holland

A. Nitulescu, K.E. Giannoulis, Y. Arlachov, G. Balamurali, N.A. Quraishi, **B.M. Boszczyk**
Analysis of the radiological outcome of Discoserv cervical disc replacement
CSRS (Spineweek) May 2012, Amsterdam, Holland
BritSpine, Newcastle, UK May 2012

C. Quah, M. Yeoman, A. Cizinauskas, K. Cooper, D. McNally, **B. Boszczyk**
Finite element investigation of the effect of spina bifida on loading of the vertebral isthmus
ISSLS (Spineweek) May 2012, Amsterdam, Holland
EFORT May 2012 Berlin, Germany
BOA, Manchester September 2012

M.A. König, S. Panzer, M. Bierschneider, **B.M. Boszczyk**
MRI changes of intervertebral disc after cement augmentation
ISSLS (Spineweek) May 2012, Amsterdam, Holland

B. Boszczyk

Preventing construct failure in tumour surgery
AOSpine Europe Knowledge Forum—Tumour Spine Symposium, 31 May 2012 (Spineweek) , Amsterdam, Holland

A Russo, **B Boszczyk**

Upper cervical spine injuries

B Boreham, **B Boszczyk**

Paediatric spinal injuries

J Clamp, **B Boszczyk**

Subaxial cervical spine fracture classification

AOSpine Principles Course, Nottingham March 2012

2011

M.A. König, S. Panzer, M. Bierschneider, **B.M. Boszczyk**
Bandscheibenveränderungen in der MRT-Bildgebung nach Zementaugmentation
German Spine Society (DWG) meeting Hamburg Germany December 2011

M.A. König, S. Milz, A.A. Boszczyk, **B.M. Boszczyk**
Direkter anteriorer Zugang zum Thorakolumbalen Übergang – eine anatomische Studie
German Spine Society (DWG) meeting Hamburg Germany December 2011

M.A. König, G. Balamurali, **B.M. Boszczyk**
Minithorakotomie für die Behandlung von großen thorakalen Bandscheibenvorfälle
German Spine Society (DWG) meeting Hamburg Germany December 2011

M.A. König, G. Balamurali, S. Badhe, **B.M. Boszczyk**
Anteriore Chirurgie Für Rekonstruktionen der lumbalen Wirbelsäule in einem älteren Patientenkollektiv
German Spine Society (DWG) meeting Hamburg Germany December 2011

B. Boszczyk

Vertebroplasty debate Boszczyk versus Buchbinder

Annual meeting Society Back Pain Research. Cambridge November 2011

MA König, S. Panzer, J. Schulz, M. Bierschneider, H. Jaksche, **B. Boszczyk**
MRI changes of intervertebral discs after cement augmentation
Eurospine. Milan Italy October 2011

G. Balamurali, M. König, **B. Boszczyk**
Adjacent level cervical disc revision using new Zero-P cage device – technique and outcomes

Eurospine. Milan Italy October 2011

B. Boszczyk

Management of giant thoracic disc herniation
SSE Symposium on thoracic myelopathy
Eurospine. Milan Italy October 2011

B. Boszczyk

Haemostasis in Spinal Surgery
Symposium Eurospine Milan Italy October 2011

B Boszczyk

Specific challenges of congenital and foraminal stenosis
Thoracic myelopathy – surgical management
Dysraphic conditions and AVM
Axial back pain case
Eurospine Foundation Instructional Course April Nottingham 2011

B Boszczyk

Disc changes after kyphoplasty
Aging spine Symposium Jerusalem Israel March 2011

S Thambiraj, M König, **B Boszczyk**

A Novel “Pelvic Ring Augmentation Construct” for Lumbo-pelvic Reconstruction in Tumour Surgery
British Association of Spine Surgeons Annual Meeting Edinburgh February 2011
Charite Thoracolumbar Spine Tumour Meeting Berlin May 2011

G Balamurali, M König, **B Boszczyk**

Surgical Management of Giant Thoracic Discs with Mini-Thoracotomy
British Association of Spine Surgeons Annual Meeting Edinburgh February 2011

MA König, F V Ebrahimi, G Balamurali, **BM Boszczyk**

Early Results of Stand-alone Anterior Interbody Fusion in Iatrogenic Spondylolisthesis Patients
British Association of Spine Surgeons Annual Meeting Edinburgh February 2011

MA König, G Balamurali, S Badhe, **BM Boszczyk**

Anterior Lumbar Surgery in Senior Patients for Complex Reconstructions of the Spine
British Association of Spine Surgeons Annual Meeting Edinburgh February 2011

S Thambiraj, **B Boszczyk**

Asymmetric Osteotomy of the Spine for Coronal Imbalance
British Association of Spine Surgeons Annual Meeting Edinburgh February 2011

MA König, G Balamurali, F V Ebrahimi, M P Grevitt, H Mehdian, **B M Boszczyk**

Is it safe to use long screws in L5/S1 stand alone anterior interbody fusion?
British Association of Spine Surgeons Annual Meeting Edinburgh February 2011

C Quah, M S Yeoman, A Cizinauskas, K Cooper, M A König, D McNally, **B M Boszczyk**

Finite Element Investigation of the Effect of Spina Bifida on Loading of the Vertebral Isthmus
British Association of Spine Surgeons Annual Meeting Edinburgh February 2011

M A König, S Jehan, G Balamurali, U Seidel, P Heini, **B M Boszczyk**

Percutaneous Reduction and Minimal-invasive Trans-sacral Screw Fixation in U-Shaped Fractures of the Sacrum
British Association of Spine Surgeons Annual Meeting Edinburgh February 2011

G Balamurali, M König, **B Boszczyk**

Adjacent Level Cervical Disc Revision Using New Zero-P Cage Device – Technique and Outcomes
British Association of Spine Surgeons Annual Meeting Edinburgh February 2011

B Boszczyk

Incidental durotomy and fistula management

Cervical kyphosis

Cervical spine approach related complications

Recurrent neck pain

Revision cervical disc surgery

Eurospine Foundation Instructional Course Vienna January 2011

2010

B. Boszczyk

Surgical management of the rheumatoid cervical spine

Klinikum Grosshadern Munich November & December 2010

P Lakshmanan, V Dvorak, W Schrott, S Thambiraj, I Collins, **B Boszczyk**

Is There a Difference in Shape of the Endplates in Sagittal Plane? A Morphometric Study of the Lumbosacral Spine

North American Spine Society Annual Meeting October 2010 Orlando USA

B Boszczyk, S Corbett

Nottingham ORP Course – Chairman

Nottingham UK October 2010

B Boszczyk, F Kandziora

AOSpine Complications Management Course – Chairman

Strasbourg France September 2010

B Boszczyk

Functional anatomy of the mammalian spine: The facet joint

Biospine 3 Amsterdam Netherlands September 2010

B Boszczyk

Tumour and deformity Masters Course case presentations

AOSpine Masters Course Palermo Italy June 2010

B Boszczyk

Complex vertebral augmentation

Kyphoplasty course - Nottingham June 2011

Rathnam O. Sundaram, Phillip Saville, Shah Jehan, **B. Boszczyk**

Trans-Sacroiliac S1 and S2 Screws: Is There a Safe Surgical Corridor for Percutaneous Placement?

North American Spine Society Annual Meeting - October 2010 Orlando USA

British Association of Spine Surgeons Annual Meeting Liverpool April 2010

S Jehan, S Elsayed, J Webb, S Thambiraj, **B Boszczyk**

Successful L5-S1 disc replacement after two previous fusion surgeries for scoliosis

British Association of Spine Surgeons Annual Meeting Liverpool April 2010

J A Clamp, E Bayley, **B M Boszczyk**

Fluoroscopy guided percutaneous access to the thoracic spine – a safe approach

British Association of Spine Surgeons Annual Meeting Liverpool April 2010

S Jehan, , M Bierschneider, K Schmid, Grillhösl A, Kleinschmidt M, Jaksche H, **B Boszczyk**

Kyphoplasty for Lytic tumours of the spine: Follow up of 13 cases from procedure until death

British Association of Spine Surgeons Annual Meeting Liverpool April 2010

B Boszczyk

History of thoracolumbar fusion

DGNC meeting April 2010 Garmisch Partenkirchen Germany

2009

B. Boszczyk (Chairman)

AOSpine Degenerative Cervical Spine Masters Course

December 2009 Davos Switzerland

J Clamp, E Bayley, S Srinivas, **BM Boszczyk**

Fluoroscopic guided percutaneous access to the thoracic spine – a safe approach

Spine Society of Europe, Warsaw 21-24 October (poster)

B. Boszczyk

Hypogastric plexus and sympathetic chain injuries

3rd AOSpine Complications Management Course, Sept. 2009 Strasbourg France

E. Bayley, Z. Zia, S. Srinivas, R. Kerlake, Z. Klezl, **B Boszczyk**

The lamina as a guide for safe lateral mass screw placement in the sub-axial cervical spine – a computed tomography study

Cervical Spine Research Society, 10.-13. June 2009, Uppsala, Sweden (poster)

Spine Society of Europe, Warsaw 21-24 October (special poster)

Harshavardhana NS, Debnath UK, Dabke HV, Mehdiyan HS, **Boszczyk BM**, Grevitt MP, Webb JK

Selective C1–C2 arthrodesis for non-RA pathologies: long term functional outcome study

Global Spine Congress. San Francisco, June 2009

E. Bayley, Z. Zia, S. Srinivas, R Kerlake, **B. Boszczyk**

The ipsilateral lamina – pedicle angle: can it be used to guide pedicle screw placement in the cervical spine?

Cervical Spine Research Society, 10.-13. June 2009, Uppsala, Sweden (poster)

British Association of Spine Surgeons & British Cervical Spine Society (combined annual meeting), 26.-27.

February 2009 (podium presentation)

NS Harshavardhana, J Hegarty, BJ Freeman, **B Boszczyk**, H Dabke, J Weston, A Race

Payment by results (PbR) in spinal surgery (poster)

British Association of Spine Surgeons & British Cervical Spine Society Feb. 2009

S Srinivas, E Bayley, B Fakouri, **B Boszczyk**

Straight Leg Raise in Asymptomatic Individuals – Normal variations.

BOA Annual Congress, Manchester. 2009

S Srinivas, E Bayley. **B Boszczyk**

Anterior triple screw fixation of an odontoid fracture

BTS Annual Scientific Meeting, Newcastle. 2009

E Bayley, J Clamp, **B Boszczyk**

Percutaneous approach to the upper Thoracic spine – optimal patient positioning

BASS/BCSS combined meeting, Memorial Hall, Sheffield. 2009

2008

B. Boszczyk

Venia Legendi: Die Bedeutung der axialen Rotation der Lendenwirbelsäule für die Strukturelle Entwicklung und Degeneration der Lendenwirbelsäule

Ludwig-Maximilians-Universität-Munich, 16.April; Munich, Germany

B. Boszczyk

Hypo gastric plexus and sympathetic chain injuries

2nd AOSpine Complications Management Course, Sept. 2008 Strasbourg France

A.P. Littlewood, **B. Boszczyk**

Current status of European Spine Subspecialty Training – AOSpine members training survey
Spine Society of Europe (Spineweek), 26-31 May Geneva Switzerland (poster)

A.P. Littlewood, M. Tsegaye, R. Putz, **B. Boszczyk**

Functional anatomy of the alar ligaments in axial rotation
Spine Society of Europe (Spineweek), 26-31 May Geneva CH (special poster)

M. Tsegaye, A. Littlewood, N. Schmitt, K. Lindsay, J. Mooij, C. Di Rocco, **B. Boszczyk**

Management of cervical spine disorders: European Neurosurgical Trainee
Cervical Spine Research Society (Spineweek), 26-31 May Geneva CH (poster)