

CURRICULUM VITAE

Name: Mehmet Aydogan Assoc. Prof.

Date of Birth: 01/09/1972

Experience:

Residency	Dr. Lütfi Kırdar Kartal Education and research Hospital	2000-2004
Spine fellow	Florence Nightingale Hospital Istanbul Spine Center	2004-2006
Attending orthopaedic surgeon	Florence Nightingale Hospital	2006-2009
International Spine Fellow	UCLA Comprehensive spine center University of California Los Angeles USA	2009-2011
Attending spine surgeon	Medical Park Göztepe Hastanesi	2011-2012
Attending spine surgeon	Bosphorus Spine Center	2012- Now

Membership of Scientific Organizations:

1. Turkish Medical Association (TTB)
2. Academy of Turkish Orthopedics and Traumatology surgery (TOTBİD)
3. Turkish Spine Association
4. Minimally invasive spine surgery association(MINOD)
5. North America spine surgery (NASS)
6. Scoliosis Research Society (SRS)
7. European Spine Society

Publications:

- A1.** M.Tezer, C. Ozturk, **M. Aydogan**, C. Mirzanli, A. Hamzaoglu, "Surgical outcome of thoracolumbar burst fractures with flexion-distraction injury of the posterior elements.", INTERNATIONAL ORTHOPAEDICS (ISI), 347-350 pp., 2005 , DOI: 10.1007/s00264-005-0005-7
- A2.** C. Ozturk, M. Tezer, M. Sirvanci, M.Sarier, **M. Aydogan**, A. Hamzaoglu, "Far lateral thoracic disc herniation presenting with flank pain.", SPINE JOURNAL (ISI), 201-203 pp., 2006 , DOI: 10.1016/j.spinee.2005.08.004
- A3.** C. Mirzanli, M.Tezer, C.Ozturk, O. Ortak, U. Yalcinkaya, **M. Aydogan**, "Aneurysmal bone cyst of the third metatarsal treated by using free non-vascular transfer of the fibula segment.", EUROPEAN JOURNAL OF ORTHOPAEDIC SURGERY AND TRAUMATOLOGY (ISI), 89-93 pp., 2006 , DOI: 10.1007/s00590-005-0001-z
- A4.** M. Tezer, C. Ozturk, **M. Aydogan**, K. Camurdan, E. Erturer, A. Hamzaoglu, "Noncontiguous dual segment thoracic brucellosis with neurological deficit.", SPINE JOURNAL (ISI), 321-324 pp., 2006 , DOI: 10.1016/j.spinee.2005.10.019
- A5.** C. Ozturk, M. Tezer, **M. Aydogan**, M. Sarier,A. Hamzaoglu, "Posterior endoscopic discectomy for the treatment of lumbar disc herniation.", ACTA ORTHOPAEDICA BELGICA (ISI), 347-352 pp., 2006
- A6.** C. Ozturk, M. Tezer, C. Mirzanli, FE. Bilen, **M. Aydogan**, A. Hamzaoglu, "An uncommon cause of paraplegia: salmonella spondylodiskitis.", JOURNAL OF SPINAL CORD MEDICINE (ISI), 234-236 pp., 2006
- A7.** M. Tezer, E. Erturer, C. Ozturk, **M. Aydogan**, A. Hamzaoglu, "Symptomatic polyostotic fibrous dysplasia of the thoracic spine.", JOINT BONE SPINE (ISI), 742-744 pp., 2006 , DOI: 10.1016/j.jbspin.2005.11.016
- A8.** M. Tezer, C. Ozturk, E. Erturer, **M. Aydogan**, A. Hamzaoglu, "Bilateral L5 radiculopathy due to osteoporotic L1 vertebral fracture : A case report.", JOURNAL OF SPINAL CORD MEDICINE (ISI), 430-435 pp., 2006
- A9.** K. Ozkan, **M. Aydogan**, FU. Ozkan. YV. Sozen, "Pigmented villonodular synovitis of hip diagnosed", EUROPEAN JOURNAL OF ORTHOPAEDIC SURGERY AND TRAUMATOLOGY (ISI), 285–287 pp., 2007 , DOI: 10.1007/s00590-006-0159-z
- A10.**C. Ozturk, M.tezer, **M. Aydogan**, M. Sarier, A. Hamzaoglu, "Thoracic spinal stenosis above severe thoracolumbar kyphosis. A report of three cases.", EUROPEAN JOURNAL OF ORTHOPAEDIC SURGERY AND TRAUMATOLOGY (ISI), 85-88 pp., 2007 , DOI: DOI 10.1007/s00590-006-0122-z

A11.M. Aydogan, C. Mirzanli, K. Ganiyusufoglu, M. Tezer, I. Ozturk, "A 13-year-old textiloma (gossypiboma) after discectomy for lumbar", SPINE JOURNAL (ISI), 618-621 pp., 2007 , DOI: 10.1016/j.spinee.2006.08.004

A12.M. Aydogan, C. Ozturk, C. Mirzanli, O. Karatoprak, M. Tezer, A. Hamzaoglu, "Treatment approach in tandem (concurrent) cervical and lumbar spinal stenosis.", ACTA ORTHOPAEDICA BELGICA (ISI), 234-237 pp., 2007

A13.C. Duran, M. Sirvanci, **M. Aydogan**, E. Ozturk, C. Ozturk, C. Akman, "Pulmonary cement embolism: A complication of percutaneous vertebroplasty.", ACTA RADIOLOGICA (ISI), 854-859 pp., 2007 , DOI: DOI 10.1080/02841850701422153

A14.A. Hamzaoglu, C. Ozturk, M. Tezer, **M. Aydogan**, M. Sarier, U. Talu, "Simultaneous surgical treatment in congenital scoliosis and/or kyphosis associated with intraspinal abnormalities.", SPINE (ISI), 2880-2884 pp., 2007

A15.M. Aydogan, C. Ozturk, M. Tezer, C. Mirzanli, O. Karatoprak, A. Hamzaoglu, "Posterior vertebrectomy in kyphosis, scoliosis and kyphoscoliosis due to hemivertebra.", JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B (ISI), 33-37 pp., 2008

A16.M. Aydogan, O. Karatoprak, C. Mirzanli, C. Ozturk, M. Tezer, A. Hamzaoglu, "Severe erosion of lumbar vertebral body because of a chronic ruptured abdominal aortic aneurysm.", SPINE JOURNAL (ISI), 394-396 pp., 2008 , DOI: 10.1016/j.spinee.2006.12.001

A17.A. Hamzaoglu, C. Ozturk, **M. Aydogan**, M. Tezer, N. Aksu, MB. Bruno, "Posterior only pedicle screw instrumentation with intraoperative halo-femoral traction in the surgical treatment of severe scoliosis (>1000).", SPINE (ISI), 979-983 pp., 2008

A18.M. Sirvanci, M. Bhatia, KA. Ganiyusufoglu, C. Duran, M. Tezer, C. Ozturk, **M. Aydogan**, A. Hamzaoglu, "Degenerative lumbar spinal stenosis: correlation with Oswestry Disability Index and MR imaging.", EUROPEAN SPINE JOURNAL (ISI), 679-685 pp., 2008 , DOI: 10.1007/s00586-008-0646-5

A19.A. Gogus, C. Ozturk, M. Sirvanci, **M. Aydogan**, A. Hamzaoglu, "Femoral nerve palsy due to iliacus hematoma occurred after primary total hip arthroplasty.", ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY (ISI), 657-660 pp., 2008 , DOI: 10.1007/s00402-007-0489-2

A20.C. Mirzanli, C. Ozturk, O. Karatoprak, **M. Aydogan**, M. Tezer, A. Hamzaoglu, "Double-segment total vertebrectomy for the surgical treatment of congenital kyphoscoliosis: a case report.", SPINE JOURNAL (ISI), 683-686 pp., 2008 , DOI: 10.1016/j.spinee.2006.12.008

A21.O. Karatoprak, K. Unay, M. Tezer, C. Ozturk, **M. Aydogan**, C. Mirzanli, "Comparative analysis of pedicle screw versus hybrid instrumentation in adolescent idiopathic scoliosis surgery.", INTERNATIONAL ORTHOPAEDICS (ISI), 523-528 pp., 2008 , DOI: 10.1007/s00264-007-0359-0

A22.O. Karatoprak, K. Camurdan, C. Ozturk, K. Ganiyusufoglu, **M. Aydogan**, A. Hamzaoglu, "Multiple-level cement vertebroplasty in patients with vertebral compression fractures from osteodystrophy in chronic liver disease", ACTA ORTHOPAEDICA BELGICA (ISI), 566-568 pp., 2008

A23.M. Aydogan, C. Ozturk, O. Karatoprak, M. tezer, N. Aksu, A. Hamzaoglu, "The pedicle screw fixation with vertebroplasty augmentation in the surgical treatment of the severe osteoporotic spines.", JOURNAL OF SPINAL DISORDERS & TECHNIQUES, 444-447 pp., 2009

A24.C. Ozturk, C. Mirzanli, O. Karatoprak, M. Tezer, **M. Aydogan**, A. Hamzaoglu, "Giant sacral schwannoma. A case report and review of the literature.", ACTA ORTHOPAEDICA BELGICA (ISI), 705-710 pp., 2009

A25.V. Gurkan, H. Orhun, M. Dursun, G. Altun, M. Bulbul, **M. Aydogan**, "Total excision of comminuted radial head fractures and subsequent elbow posterolateral instability", JOURNAL OF ORTHOPAEDICS, e6 pp., 2009

A26.C. Ozturk, K. Ganiyusufoglu, A. Alanay, **M. Aydogan**, L. Onat, A. Hamzaoglu, "Efficacy of prophylactic placement of inferior vena cava filter in patients undergoing spinal surgery", SPINE (ISI), 1893-1896 pp., 2010

A27.E. Erturer, M. Tezer, **M. Aydogan**, C. Mirzanli, I. Ozturk, "The result of simultaneous posterior-anterior-posterior surgery in multilevel tuberculosis spondylitis associated with severe kyphosis.", EUROPEAN SPINE JOURNAL (ISI), 2209-2215 pp., 2010 , DOI: 10.1007/s00586-010-1481-z

A28. O. Karatoprak, **M. Aydoğan**, C. Öztürk, C. Mirzanlı, M. Tezer, A. Hamzaoğlu, "Lomber dejeneratif disk hastalığının total disk protezi ile tedavisi", ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA (ISI), 281-285 pp., 2007

A29.M. Aydogan, C. Ozturk, "Oksipitoservikal bölgede kullanılan güncel tespit yöntemleri", THE JOURNAL OF TURKISH SPINAL SURGERY, 51-64 pp., 2007 , DOI: false

A30.M. Aydogan, M. Tonbul, "Subaksiyel servikal omurgada güncel tespit yöntemleri", THE JOURNAL OF TURKISH SPINAL SURGERY, 461-474 pp., 2008

A31.C. Ozturk, M. Enercan, S. Karadereler, M. Tezer, **M. Aydogan**, A. Hamzaoglu, "Comparison of cosmetic and functional outcomes after anterior paramedian versus anterolateral retroperitoneal approaches in lumbar spinal stenosis surgery", THE JOURNAL OF TURKISH SPINAL SURGERY, 233-240 pp., 2010

A32. Erken HY1, Burc H, Saka G, **Aydogan M.** "Disagreements in surgical planning still exist between spinal surgeons in adolescent idiopathic scoliosis: a multisurgeon assessment" Euro Spine Journal 2014 March 25[Epub ahead of print]

A33. Erken HY, Burc H, **Aydogan M**. The Effect of Pentoxifylline on Spinal Fusion: An Experimental Study in Rabbits. *Spine (Phila Pa 1976)*. 2014 Feb 27. [Epub ahead of print]

A34. Erken HY, Burc H, Saka G, Akmaz I, **Aydogan M**. Can radiation exposure to the surgeon be reduced with freehand pedicle screw fixation technique in pediatric spinal deformity correction? A prospective multicenter study. *Spine (Phila Pa 1976)*. 2014 Mar 15;39(6):521-5. doi: 10.1097/BRS.0000000000000172.

A35. **Aydogan M**, Burç H, Saka G. A new method for the measurement of anteversion of the acetabular cup after total hip arthroplasty. *Eur J Orthop Surg Traumatol*. 2013 Nov 20. [Epub ahead of print]

A 36. Kaito T, Johnson J, Ellerman J, Tian H, **Aydogan M**, Chatsrinopkun M, Ngo S, Choi C, Wang JC. Synergistic effect of bone morphogenetic proteins 2 and 7 by ex vivo gene therapy in a rat spinal fusion model. *J Bone Joint Surg Am*. 2013 Sep 4;95(17):1612-9. doi: 10.2106/JBJS.L.01396.

A37. **Aydogan M**, Enercan M, Hamzaoglu A, Alanay A. Reconstruction of the subaxial cervical spine using lateral mass and facet screw instrumentation. *Spine (Phila Pa 1976)*. 2012 Mar 1;37(5):E335-41. doi: 10.1097/BRS.0b013e31824442eb. Review.

B. presentations:

B1. C. Ozturk , **M. Aydogan**, M. Sarier, M. Tezer, C. Mirzanli , A. Hamzaoglu, Annual Meeting of the Cervical Spine Research Society European Section "Annual Meeting of the Cervical Spine Research Society European Section Abstract Book" "Surgical treatment of odontoid fractures with C1-C2 pedicle screw", 84 pp., Leuven, Belgium, May 2007

B2.M. Aydogan, N. Aksu, C. Ozturk, C. Mirzanli, M. Tezer, A. Hamzaoglu, World Spine IV: Fourth Interdisciplinary Congress on Spine Care "World Spine IV: Fourth Interdisciplinary Congress on Spine Care Final Programme and Proceedings" "Anterior and posterior column reconstruction by subtotal vertebrectomy via posterior only approach in osteoporotic fractures of the spine causing neurologic injury", 71 pp., Istanbul, Turkey, July 2007

B3.M. Tezer, C. Ozturk, **M. Aydogan**, N. Aksu, O. Karatoprak, A. Hamzaoglu, World Spine IV: Fourth Interdisciplinary Congress on Spine Care "World Spine IV: Fourth Interdisciplinary Congress on Spine Care Final Programme and Proceedings" "Multilevel total lumbar disc replacement for symptomatic disc disease", 79 pp., Istanbul, Turkey, July 2007

B4.C. Ozturk, **M. Aydogan**, M. Tezer, C. Mirzanli, M. Sarier, A. Hamzaoglu, World Spine IV: Fourth Interdisciplinary Congress on Spine Care "World Spine IV: Fourth Interdisciplinary Congress on Spine Care Final Programme and Proceedings" "Multilevel cervical total disc replacement for symptomatic degenerative disc disease", 93 pp., Istanbul, Turkey, July 2007

B5.**M. Aydogan**, C. Ozturk, M. Tezer, O. Karatoprak, M. Teli, A. Hamzaoglu, World Spine IV: Fourth Interdisciplinary Congress on Spine Care "World Spine IV: Fourth Interdisciplinary Congress on Spine Care Final Programme and Proceedings" "The effect of single-multilevel cervical disc arthroplasty to the segmental and total lordosis of cervical spine", 93 pp., Istanbul, Turkey, July 2007

B6.O. Karatoprak, M. Teli, C. Mirzanli, **M. Aydogan**, C. Ozturk, M. Tezer, A. Hamzaoglu, Eurospine 2007 "Eurospine 2007 Final Program" "Can we stop fusion distally at L3 instead of L4 in the surgical treatment of adolescent idiopathic scoliosis with Lenke type 3C, 5C and 6C curves", 24 pp., brusse, Belgium, October 2007

B7.C. Ozturk, **M. Aydogan**, M. Tezer, O. Karatoprak, N. Aksu, A. Hamzaoglu, Spineweek2008 "Spineweek2008 Abstract Book" "Anterior versus posterior surgery in Lenke Type V adolescent idiopathic scoliosis", 13 pp., ceneve, Switzerland, May 2008

B8.C. Ozturk, **M. Aydogan**, M. Tezer, O. Karatoprak, N. Aksu, A. Hamzaoglu, The 1st World Congress Minimally Invasive Spine Surgery & Techniques (WCMISST) "The 1st World Congress Minimally Invasive Spine Surgery & Techniques (WCMISST) Abstract Book" "Cervical disc replacement of C7-T1 level for degenerative disc disease", 162 pp., Honolulu, Hawaii, USA, June 2008

B9.C. Ozturk, A. Hamzaoglu, M. Teli, M. Tezer, **M. Aydogan**, M. Enercan, 43rd Scoliosis Research Society Annual Meeting & Course "43rd Scoliosis Research Society Annual Meeting & Course Programme Book" "Selective thoracic fusion in adolescent idiopathic scoliosis with Lenke type 1C, 3C or King type 2 lumbar curves of more than 50 degrees in magnitude", 11 pp., Salt Lake City, Utah, USA, September 2008

B10.M. Tezer, C. Ozturk, **M. Aydogan**, O. Karatoprak, N. Aksu, A. Hamzaoglu, Scoliosis Research Society Worldwide Programme on Spinal Deformity: Current Concepts "Scoliosis Research Society Worldwide Programme on Spinal Deformity: Current Concepts Abstract Book" "The role of hyperextension fulcrum graphies taken under general anesthesia in the evaluation of flexibility of kyphosis in Scheuermann disease", 34 pp., New Delhi, India, October 2008

B11.A. Hamzaoglu, C. Ozturk, M. Enercan, M. Tezer, **M. Aydogan**, O. Karatoprak, Scoliosis Research Society Worldwide Programme on Spinal Deformity: Current Concepts "Scoliosis

Research Society Worldwide Programme on Spinal Deformity: Current Concepts Abstract Book" "The role of traction radiographs taken under general anesthesia in surgical decision making of treatment of adolescent idiopathic scoliosis", 34 pp., new Delhi, India, October 2008

B12.M. Aydogan, M. Tezer, C. Ozturk, M. Sarier, AA. Ugras, A. Hamzaoglu, 8th International Turkish Spine Congress "8th International Turkish Spine Congress Abstract Book" "270 degrees fusion following decompression with unilateral hemilaminectomy in the surgical treatment of degenerative lumbar spinal stenosis in middle-aged patients", 34 pp., İzmir, Turkey, October 2008

B13.C. Ozturk, M. Enercan, M. Tezer, **M. Aydogan**, M. Biscevic, A. Hamzaoglu, 16th International Meeting on Advanced Spine Techniques (IMAST) "16th International Meeting on Advanced Spine Techniques (IMAST) Final Program" "A new surgical strategy for the treatment of early-onset idiopathic scoliosis", 102-103 pp., Viyana, Avusturya, July 2009

B14.M. Tezer, C. Ozturk, **M. Aydogan**, A. Alanay, M. Enercan, A. Hamzaoglu, 44th Scoliosis Research Society Annual Meeting & Course "44th Scoliosis Research Society Annual Meeting & Course Final Program" "Prophylactic vertebroplasty proximal to fusion instrumentation to prevent proximal junctional problems in osteoporotic spine", 63-64 pp., San Antonio, Teksas, USA, September 2009

B15.C. Ozturk, **M. Aydogan**, M. Tezer, M. Sarier, S. Karadereliler, A. Hamzaoglu, 44th Scoliosis Research Society Annual Meeting & Course "44th Scoliosis Research Society Annual Meeting & Course Final Program" "Posterior vertebral column resection in severe spinal deformities: A total of 102 cases", 101 pp., San Antonio, Teksas, USA, September 2009

B16.A. Alanay, K. Ganiyusufoglu, S. Karadereler, **M. Aydogan**, C. Ozturk, A. Hamzaoglu, 17th International Meeting on Advanced Spine Techniques (IMAST) "17th International Meeting on Advanced Spine Techniques (IMAST) Final Program" "Surgical treatment of cervical degenerative disc disease with myeloradiculopathy: Two-level anterior discectomy versus one-level anterior corpectomy", 81 pp., Toronto, Canada, July 2010

B17.M. Aydogan, C. Ozturk, M. Tezer, S. Karadereler, A. Alanay, A. Hamzaoglu, 17th International Meeting on Advanced Spine Techniques (IMAST) "17th International Meeting on Advanced Spine Techniques (IMAST) Final Program" "Hybrid surgical technique combining fusion and disc arthroplasty for the treatment of multilevel cervical degenerative disc disease", 82 pp., Toronto, Canada, July 2010

B18.S. Karadereler, C. Ozturk, **M. Aydogan**, L. Ulusoy, A. Alanay, A. Hamzaoglu, Eurospine 2010 "Eurospine 2010 Final Program" "Posterior subtotal vertebrectomy for the treatment of osteoporotic fractures with neurological deficit", 247 pp., Vienna, Austria, September 2010

B19.S. Karadereler, C. Ozturk, **M. Aydogan**, A. Alanay, M. Sirikci, A. Hamzaoglu, Eurospine 2010 "Eurospine 2010 Final Program" "Posterior subtotal vertebrectomy of thoracic burst fractures with spinal cord and chest trauma", 282 pp., Vienna, Austria, September 2010

B20.C. Ozturk, **M. Aydoğan**, S. Karadereler, M. Tezer, A. Alanay, A. Hamzaoglu, Eurospine 2010 "Eurospine 2010 Final Program" "Interradicular bone-disc-bone osteotomy (BDBO): An alternative to other osteotomy types for the correction of thoracolumbar and lumbar spine deformities", 291 pp., Vienna, Austria, Eylül 2010

B21.M. Enercan, C. Ozturk, **M. Aydoğan**, S. Karadereler, A. Alanay, A. Hamzaoglu, Eurospine 2010 "Eurospine 2010 Final Program" "Posterior subtotal vertebrectomy for the treatment of thoracic osteomyelitis in elderly patients", 333 pp., Vienna, Austria, September 2010

B22.G. Keorochana, J. Johnson, JC. Liao, K. Lee, **M. Aydoğan**, CE. Taghavi, SS. Ngo, JC. Wang, NASS 25.th Annual meeting "Proceedings of the NASS 25th Annual Meeting" "Dose Dependent Effect of Recombinant Human Bone morphogentic protein-2 to retard disc degeneration in the injured rat caudal disc", 38-39 pp., Orlando, Florida, USA, October 2012

B23. M. Sarier, C. Mirzanlı, M. Tezer, **M. Aydoğan**, Ç. Öztürk, A. Hamzaoglu, Türk Nöroşirurşi Derneği XIX. Bilimsel Kongresi konferansı dahilinde "Türk Nöroşirurji Dergisi" bildiri kitapçığındaki "Semptomatik lomber dejeneratif disk hastalığında disk protezi uygulamasının erken dönem sonuçları", 36 pp., Antalya, Türkiye, Mayıs 2005

B24.M. Sarier, Ç. Öztürk, **M. Aydoğan**, M. Tezer, K. Çamurdan. A. Hamzaoglu, Türk Nöroşirurşi Derneği XIX. Bilimsel Kongresi konferansı dahilinde "Türk Nöroşirurji Dergisi" bildiri kitapçığındaki "Nörolojik defisitsiz torakolomber vertebra kırıklarının perkütan redüksiyon ve stabilizasyonu", 65 pp., Antalya, Türkiye, Mayıs 2005

B25.M. Sarier, **M. Aydoğan**, M. Tezer, Ç. Öztürk, N. Erdem, A. Hamzaoglu, Türk Nöroşirurşi Derneği XIX. Bilimsel Kongresi konferansı dahilinde "Türk Nöroşirurji Dergisi" bildiri kitapçığındaki "Odontoid kırıklarında cerrahi tedavi", 67 pp., Antalya, Türkiye, Mayıs 2005

B26.M. Sarier, **M. Aydoğan**, Ç. Öztürk, M. Tezer, C. Mirzanlı, A. Hamzaoglu, Türk Nöroşirurji Derneği XIX. Bilimsel Kongresi konferansı dahilinde "Türk Nöroşirurji Dergisi" bildiri kitapçığındaki "Semptomatik servikal dejeneratif disk hastalığında disk protezi uygulamasının erken dönem sonuçları", 143 pp., Antalya, Türkiye, Mayıs 2005