

Prof. Dr. İsmail OLTULU

Specialization: Orthopedics and Traumatology

Educational Information

Year	Organisation	Section
1997 – 2004	Cumhuriyet University	Faculty of Medicine
2005 – 2010	Kartal Training and Research Hospital	Specialized Training
2016 – 2017	University of California San Francisco	Spine Center

Experience

Year	Organisation	Task / Department
2005 – 2010	Kartal Training and Research Hospital	Orthopedics and Traumatology
2010 – 2011	Sungurlu State Hospital	Orthopedics and Traumatology
2011 – 2012	Ankara Numune Training and Research Hospital	Orthopedics and Traumatology
2012 – 2016	Medipol University Hospitals Complex	Orthopedics and Traumatology
2016 – 2017	University of California San Francisco	Observer, Researcher Dr.
2017 – 2018	Medical Park Pendik Hospital	Orthopedics and Traumatology
2018 – 2021	Emsey Hospital	Orthopedics and Traumatology
Memorial İyili Hospital	2021-2024	Orthopedics and Traumatology
2026 -	Lokman Hekim Istanbul Hospital	Orthopedics and Traumatology

Areas of Interest

Herniated Disc
Spinal Slippage
Spinal Canal Stenosis
Osteoporotic Spine Fractures
Spinal Tumors
Herniated Discs
Kyphosis
Spinal Infections
Cervical Hernia
Scoliosis

Professional Awards, Degrees, and Publications

•2016 Turkish Spine Society Overseas Education Scholarship •2nd Best Oral Presentation Award at the 2017 International Turkish Spine Society Congress •2020 SCOLOISIS RESEARCH SOCIETY HIBBS AWARD - TOP 10 CLINICAL PRESENTATIONS •2020 SCOLOISIS RESEARCH SOCIETY LISA GOLD STEIN - TOP 10 POSTERS

Scientific Publications

17 papers and posters presented at international meetings
19 publications in international peer-reviewed journals.
16 publications in domestic peer-reviewed journals.
21 papers and posters presented at national conferences,
authorship of chapters in 9 books.

Professional Trainings, Courses and Conferences Attended

•Participant in 25 national meetings, congresses and courses, speaker and trainer in 6 meetings •Speaker in 1 international meeting

Professional Associations and Organizations of which he is a Member

•Turkish Spine Society •Turkish Orthopedics and Traumatology Association •Turkish Pediatric Orthopedics Association
•MARMARA SPINE GROUP
•TURKISH SPORTS INJURIES ARTHROSCOPY AND KNEE SURGERY ASSOCIATION

Articles

Peer-Reviewed Publications: Spine

- B1** Cecen GS, Gulabi D, **Oltulu I**, Onay T. Generalized epileptic seizure in an adolescent idiopathic scoliosis (AIS) patient with syringomyelia after deformity correction surgery. *International Journal of Surgery Case Reports*.2013.4(8):740- 743
- B2** Cecen GS, Gulabi D, Cecen A, **Oltulu I**, Guclu B .Computerized tomography imaging in adolescent idiopathic scoliosis: prone versus supine.*Eur Spine J*. 2015Apr 21 [Epub ahead of print]
- B3** Cecen GS, Gulabi D, Guclu B, Cecen DA, **Oltulu I**. Comparison of pedicle screw fixation and hybrid instrumentation in adolescent idiopathic scoliosis. *Acta Orthop Traumatol Turc*. 2016;50(3):351-5. Doi: 10.3944/AOTT.2016.14.0095.
- B4** **OLTULU ISMAIL, CIL HEMRA, BERVEN SIGURD, CHOU DEAN, CLARK AARON, ULU MUSTAFA ONUR, AMES CHRISTOPHER, DEVYREN VEDAT** (2019). **Surgical Management of Thoracic Disc Herniation: Anterior vsPosterior Approach**. *Turkish Neurosurgery*, 29(4), 584-593.
- B5** **OLTULU ISMAIL,CIL HEMRA,ULU MUSTAFA ONUR,DEVIREN VEDAT** (2019). **Clinical outcomes of symptomatic thoracic disc herniations treated surgically through minimally invasive lateral transthoracic approach**. *Neurosurgical Review*, Doi: 10.1007/s10143-018-01064-2
- B6** ERDEM MEHMET NURI ,OLTULU ISMAIL,KARACA SINAN,SARI Seçkyn,AYDOGAN MEHMET (2018). **Intraoperative Halo-Femoral Traction in Surgical Treatment of Adolescent Idiopathic Scoliosis Curves between 70° and 90°: Is It Effective?**. *Asian Spine Journal*, 12(4), 678-685., doi: 10.31616/asj.2018.12.4.678
- B7** **OLTULU ySMAyL,KORKMAZ ÖZGÜR,SARIOyLU ENDER,AYDO AN MEHMET** (2019). **A Retrospective Review of Radiographic and Clinical Findings from the M6 Cervical Prosthesis**.*Asian Spine Journal*, Doi: 10.31616/asj.2018.0346
- B8** Pehlivanoglu T, **Oltulu I**, Ofluoglu E, Sarioglu E, Altun G, Korkmaz M, Yildirim K, Aydogan M. **Thoracoscopic Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: A Minimum of 2 Years' Results of 21 Patients** *Pediatr Orthop*. 2020 Nov/Dec;40(10):575-580.

B9 Pehlivanoglu T, **Oltulu I**, Erdag Y, Korkmaz E, Sarioglu E, Ofluoglu E, Aydogan M. **Double-sided vertebral body tethering of double adolescent idiopathic scoliosis curves: radiographic outcomes of the first 13 patients with 2 years of follow-up** Eur Spine J. 2021 Jul;30(7):1896-1904.

B10 Pehlivanoglu T, **Oltulu I**, Erdag Y, Akturk UD, Korkmaz E, Yildirim E, Sarioglu E, Ofluoglu E, Aydogan M. **Comparison of clinical and functional outcomes of vertebral body tethering to posterior spinal fusion in patients with adolescent idiopathic scoliosis and evaluation of quality of life: preliminary results** Spine Deform. 2021 Jul;9(4):1175-1182.

B11 Pehlivanoglu T, Erdag Y, **Oltulu I**, Akturk UD, Korkmaz E, Yildirim K, Sarioglu E, Gun K, Ofluoglu E, Aydogan M. **Unilateral Posterior Surgery for Severe Osteoporotic Vertebrae Fractures' Sequelae in Geriatric Population: Minimum 5-Year Results of 109 Patients** Neurospine. 2021 Jun;18(2):3

National

B12 **Oltulu I**, Malkoç M, İyğyar M, Yalçın S, Örmeci T, Uğraş A. Should we measure pelvic incidence via manually or computer assisted? Journal of Turkish Spinal Surgery. 2014,25(3):183-187

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B17 Erdem MN, **Oltulu I**, Karaca S, Erken Y thoracic , Bekmezci T, Aydoğan M. Treatment of disc herniations with posterior/transforaminal thoracic interbody fusion. The Journal of Turkish Spinal Surgery. 2014.25(4):271-275

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- B23** Unal MB, Seker A, Demiralp B, Sahin M, Cift HT, **Oltulu I**. Reconstruction of Traumatic Composite Tissue Defect of Medial Longitudinal Arch with Free Osteocutaneous Fibular Graft. *J Foot Ankle Surg*. 2014 Nov 20. pii: S1067-2516(14)00500-6. doi: 10.1053/j.jfas.2014.09.050. [Epub ahead of print]
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- B25** Keskinbora M, Yalcyn S, **Oltulu I**, Erdil ME,Ormeci T Compartment Syndrome Following Arthroscopic Removal of a Bullet in the Knee Joint after a Low-Velocity Gunshot Injury. *Clin Orthop Surg*. 2016 Mar;8(1):115-8. doi: 10.4055/cios.2016.8.1.115
- B26** Malkoc M, Korkmaz O, Keskinbora M, Seker A, **Oltulu I**, Bulbul AM, Say F, Cakyr A. Surgical treatment of nail bed subungual exostosis. *Singapore Med J*. 2016 Nov;57(11):630-633. doi: 10.11622/smedj.2015180

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- B27** Malkoc M, Korkmaz O, Sever C, **Oltulu I**, Genc Y. Hip fracture surgery in elderly patients and subsequent blood transfusion Haseki Medical Journal.2013:Jun.51(2).
- B28** Malkoc M, **Oltulu I**, Korkmaz O, Cift HT, Seker A, Bulbul AM, Do Rosenberg views necessary in diagnosis of gonarthrosis? Okmeydanı Medical Journal 30(2):78- 81, 2014

A. Presentations

Non-Peer Reviewed/ Invited Visits **Peer-Reviewed Poster or Podium Presentations**

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- C4** Saka G, Aydogan M, Cift HT, **Oltulu I**, Malkoc M, Seker A, Tezer M. Postpartum Sacral Stress Fracture.A report of 3 cases. X. International Turkish Spine Congress.Poster
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- C7** Aydogan M, Cift HT, Malkoc **M**, **Oltulu I**, Saglam Y, Tezer M. Treatment of the scoliosis in crisponi syndrome:First reported case and surgical treatment. X. International Turkish Spine Congress Poster
- C8** Sever C, Cift HT, Seker A, **Oltulu I**, Aydogan M, Tezer M. Myelomalasia of cervical spinal cord due to hyperextension trauma on degenerative cervical spinal stenosis. X. International Turkish Spine Congress.Poster
- C9** Cift HT, **Oltulu I**, Seker A, Sever C, Erturer RE, Aydogan M, Tezer M. Charcot spinal arthropathy due to congenital insensitivity to pain:A case report. X. International Turkish Spine Congress Poster
- C10**Cecen GS, **Oltulu I**, Gulabi D, Onay T. To determine adolescent idiopathic scoliosis vertebral rotation, supination and pronation CT imaging of the comparison. X. International Turkish Spine Congress.Poster
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- C13**Deviren V, **Oltulu I**, Cil H, Pekmezci M. Clinical outcomes of symptomatic thoracic disc herniations treated surgically through minimally invasive lateral transthoracic approach: a 10-year experience. XII. International Turkish Spine Congress. Oral presentation. **the third best paper.**

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C20Oltulu I, Cecen GS, Bulut G, Usta M, Bekler HI. Comparison of shearing forces of pedicle screws that placed with kyphoplasty and vertebroplasty techniques. A biomechanical study. 22nd National Turkish Orthopedic and Traumatology Congress. E-Poster

C21Oltulu I, Malkoc M, Sever C, Seker A, Aydogan M, Tezer M. Brown-Sequard syndrome due to blunt trauma. A Case Report. 23rd National Orthopedic Congress. Poster

C22Malkoc M, Oltulu I, Sever C, Seker A, Aydogan M, Tezer M. A case of incomplete paraplegia subsequent to cardiovascular by-pass surgery. 23rd National Orthopedic Congress. Poster

C23Aydogan M, Oltulu I, Burc H, Malkoc M, Cift HT, Tezer M. Treatment of osteoporotic thoracolumbar fractures that resulting anterior cord compression by unilateral posterior decompression 23. National Orthopedic Congress. Poster

C24Aydogan M, Malkoc M, Burc H, Oltulu I, Erdem MN, Tezer M. Microscopic lumbar discectomy results of orthopedic clinical practice. 23rd National Orthopedic Congress. Oral Presentation

- C25Aydogan M, Malkoc M, Yalcyn S, **Oltulu I**, Burc H, Tezer M. Surgical treatment of postdiscectomy pain syndrome by transforaminal lumbar interbody fusion (TLIF) technique. 23rd National Orthopedic Congress. oral presentation
- C26Malkoc M, Korkmaz O, Genc Y, **Oltulu I**, Sever C. Comparison of functional results for patient with diabetes mellitus who underwent carpal tunnel surgery and other 23. National Orthopedic Congress. oral presentation
- C27Gumustas SA, Yapycy C, **Oltulu I**, Ofluoglu O. Osteoblastoma in distal phalax of hand. 23rd National Orthopedic Congress. Poster
- C28Malkoc M, **Oltulu I**, , Seker A, Cift HT. Concomitant fractures of capitate bone and hamate bone in 4 years old child. 23rd National Orthopedic Congress. Poster
- C29Malkoc M, Cift HT, **Oltulu I**, Seker A, Isyar M, Mahirogullary M, Yalcyn S. Synovial lipomatosis in the knee joint. 23rd National Orthopedic Congress. Poster
- C30Seker A, Oc Y, **Oltulu I**, Cift HT, Mahirogullary M. Do you think that Alfa>60 is enough? 23rd National Orthopedic Congress. Poster
- C31Unal MB, Demiralp B, Sahin M, Cift HT, **Oltulu I**. Reconstruction of isolated first metatarsal absence due to trauma with osteocutaneous fibular free flap. 23rd National Orthopedic Congress. Poster
- C32Malkoc M, Mahirogullary M, Seker A, Isyar M, **Oltulu I**. A rare bilateral posterior longitudinal tibial stress fracture. 23rd National Orthopedic Congress. Poster
- C33Cecen GS, **Oltulu I**, Onay T, Gulabi D. Comparison of CT scans that obtained in supination and pronation to determine vertebral rotation in adolescent idiopathic scoliosis. 23rd National Orthopedic Congress. Poster
- C34Orak MM, Karaman O, Gursoy T, Cagymaz T, **Oltulu I**, Muratly HH. Is birth weight effective in developmental hip dysplasia? 23rd National Orthopedic Congress. Poster
- C35Malkoc M, Mahiroyullary M, Cakmak S, Guler O, **Oltulu I**, Seker A. Research of combined treatment in stage 1 and 2 femoral head avascular necrosis patients. 23rd National Orthopedic Congress. Poster
- C36Aydogan M, **Oltulu I**, Cift HT, Malkoc M, Burc H. Intraoperative halofemoral traction application in adolescent idiopathic scoliosis patients who have curve that greater than seventy degree. 23rd National Orthopedic Congress. Poster
- C37Burc H, Aydogan M, **Oltulu I**, Malkoc M, Erdem MN, , Tezer M. Our early results of all level pedicle screw application in lumbar degenerative scoliosis. 23rd National Orthopedic Congress. Poster
- C38Cift HT, Mahirogullary M, Seker A, **Oltulu I**, Erdogan A, Deniz CS, Bulbul AM. Is there a strong relationship between direct graphy and histopathology in gonarthrosis patients? 23rd National Orthopedic Congress. Poster
- C39Malkoc M, Seker A, **Oltulu I**, Bulbul AM. A nail fold tumor. Subungal Exocytosis. 23. National Orthopedic Congress. Poster

B. Grants Received (in chronological order)

C. Spine-Related Meetings, Conventions and Symposiums Attended

E1 9th International Turkish Spine Congress" April 2011, Istanbul, Turkey **E2**

10th International Turkish Spine Congress" April 2013, Nevsehir, Turkey **E3** 11.

International Turkish Spine Congress" April 2014, Izmir, Turkey

E4 12th International Turkish Spine Congress" April 2017, Antalya, Turkey

Courses:

E5 "Basic Spine Course" December 2008, Adana, Turkey

E6 "Advanced Spine Course" June 2009, Edirne, Turkey

E7 "International group for advancement in spinal science" Complex Deformity. May
2010 Istanbul, Turkey

E8 "Posterior fixation methods and posterior spinal osteotomy techniques in cervical spine (Cadaver
Course)" September 2013, Antalya, Turkey

E9 "Sagittal balance master course" March 2013, Izmir, Turkey

E10 "Cervical Spine Cadaver Course" February 2014, Sweden

CASE EXPERIENCE AND AREAS OF EXPERTISE

1- More than 1000 cases of scoliosis (an average of 200 cases per year)(about one third advanced case)

2- More than 2000 degenerative cases(deformity and the other problems)

3- More than 500 spinal cancer cases

My special interests are deformity and spine cancers and degenerative spine problems

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C21 Oltulu I, Malkoc M, Sever C, Seker A, Aydoğan M, Tezer M. Brown-Sequard syndrome due to blunt trauma. A Case Report. 23rd National Orthopedic Congress. Poster

C22 Malkoc **M**, **Oltulu I**, Sever C, Seker A, Aydoğan M, Tezer M. A case of incomplete paraplegia subsequent to cardiovascular by-pass surgery. 23rd National Orthopedic Congress. Poster

C23 Aydoğan M, **Oltulu I**, Burc H, Malkoc M, Cift HT, Tezer M. Treatment of osteoporotic thoracolumbar fractures that resulting anterior cord compression by unilateral posterior decompression 23. National Orthopedic Congress. Poster

C24 Aydoğan **M**, Malkoc M, Burc H, **Oltulu I**, Erdem MN, Tezer M. Microscopic lumbar discectomy results of orthopedic clinical practice. 23rd National Orthopedic Congress. Oral Presentation

C25 Aydoğan M, Malkoc M, Yalcın S, **Oltulu I**, Burc H, Tezer M. Surgical treatment of postdiscectomy pain syndrome by transforaminal lumbar interbody fusion (TLIF) technique. 23rd National Orthopedic Congress. oral presentation

C26 Malkoc M, Korkmaz O, Genc Y, **Oltulu I**, Sever **C**. Comparison of functional results for patient with diabetes mellitus who underwent carpal tunnel surgery and other 23. National Orthopedic Congress. oral presentation

C27 Gumustas SA, Yapıycı C, **Oltulu I**, Ofluoglu O. Osteoblastoma in distal phalax of hand. 23rd National Orthopedic Congress. Poster

C28 Malkoc M, **Oltulu I**, , Seker A, Cift HT. Concomitant fractures of capitate bone and hamate bone in 4 years old child. 23rd National Orthopedic Congress. Poster

C29 Malkoc M, Cift HT, **Oltulu I**, Seker A, Isyar M, Mahirogulları M, Yalcın S. Synovial lipomatosis in the knee joint. 23rd National Orthopedic Congress. Poster

C30 Seker A, Oc Y, **Oltulu I**, Cift HT, Mahirogulları M. Do you think that Alfa>60 is enough? 23rd National Orthopedic Congress. Poster

- C31 Unal MB, Demiralp B, Sahin M, Cift HT, **Oltulu I**. Reconstruction of isolated first metatarsal absence due to trauma with osteocutaneous fibular free flap. 23rd National Orthopedic Congress. Poster
- C32 Malkoc M, Mahirogulları M, Seker A, Isyar M, **Oltulu I**. A rare bilateral posterior longitudinal tibial stress fracture. 23rd National Orthopedic Congress. Poster
- C33 Cecen GS, **Oltulu I**, Onay T, Gulabi D. Comparison of CT scans that obtained in supination and pronation to determine vertebral rotation in adolescent idiopathic scoliosis. 23rd National Orthopedic Congress. Poster
- C34 Orak MM, Karaman O, Gursoy T, Cagırmaz T, **Oltulu I**, Muratlı HH. Is birth weight effective in developmental hip dysplasia? 23rd National Orthopedic Congress. Poster
- C35 Malkoc M, Mahirogulları M, Çakmak S, Güler O, **Oltulu I**, Seker A. Research of combined treatment in stage 1 and 2 femoral head avascular necrosis patients. 23rd National Orthopedic Congress. Poster
- C36 Aydoğan M, **Oltulu I**, Cift HT, Malkoç M, Burc H. Intraoperative halo-femoral traction application in adolescent idiopathic scoliosis patients who have curve that greater than seventy degree. 23rd National Orthopedic Congress. Poster
- C37 Burc H, Aydoğan M, **Oltulu I**, Malkoc M, Erdem MN, , Tezer M. Our early results of all level pedicle screw application in lumbar degenerative scoliosis. 23rd National Orthopedic Congress. Poster
- C38 Cift HT, Mahirogulları M, Seker A, **Oltulu I**, Erdogan A, Deniz CS, Bulbul AM. Is there a strong relationship between direct graphy and histopathology in gonarthrosis patients? 23rd National Orthopedic Congress. Poster
- C39 Malkoc M, Seker A, **Oltulu I**, Bulbul AM. A nail fold tumor. Subungal Exocytosis. 23. National Orthopedic Congress. Poster

E. Grants Received (in chronological order)

F. Spine-Related Meetings, Conventions and Symposiums Attended

E1 9th International Turkish Spine Congress" April 2011, Istanbul, Turkey **E2**

10th International Turkish Spine Congress" April 2013, Nevsehir, Turkey **E3** 11.

International Turkish Spine Congress" April 2014, Izmir, Turkey

E4 12th International Turkish Spine Congress" April 2017, Antalya, Turkey

Courses:

E5 "Basic Spine Course" December 2008, Adana, Turkey

E6 "Advanced Spine Course" June 2009, Edirne, Turkey

E7 "International group for advancement in spinal science" Complex Deformity. May
2010 Istanbul, Turkey

E8 "Posterior fixation methods and posterior spinal osteotomy techniques in cervical spine (Cadaver
Course)" September 2013, Antalya, Turkey

E9 "Sagittal balance master course" March 2013, Izmir, Turkey

E10 "Cervical Spine Cadaver Course" February 2014, Sweden

