

## Prof. KAYA MEMİŐOĐLU

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ScopusID: 6603378083

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### Education Information

Expertise In Medicine, Kocaeli University, Tıp Fakóltesi, Cerrahi Tıp Bilimleri Bölümü, Turkey 1995 - 2000

Expertise In Medicine, Istanbul University, Istanbul Medical Faculty, Turkey 1988 - 1994

### Research Areas

Health Sciences

### Academic Titles / Tasks

Assistant Professor, Kocaeli University, Tıp Fakóltesi, Cerrahi Tıp Bilimleri Bölümü, 2006 - Continues

### Advising Theses

MEMİŐOĐLU K., Gelişimsel kalça displazilerinde tönnis lateral asetabuloplastisinin erken ve orta dönem sonuçları, Expertise In Medicine, Ö.YONGA(Student), 2017

MEMİŐOĐLU K., erken dönem medial gonartrozda yüksek tibial medial açık kama osteotomisinin radyolojik ve klinik sonuçlarının değerlendirilmesi, Expertise In Medicine, A.GÜDÜK(Student), 2014

MEMİŐOĐLU K., Gelişimsel kalça displazilerinde pemberton perikapsüler osteotomisinin erken dönem sonuçları, Expertise In Medicine, M.KOCATÜRK(Student), 2009

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. Use of Tibial Cortical Autograft for the Osteotomy Site in Medial Opening-Wedge High Tibial Osteotomy**  
KESEMENLİ C. C., DEMİRÖZ S., MEMİŐOĐLU K., Erdemir C., Yonga O., TEMEZ F., KARADENİZ E.  
ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE, vol.12, no.3, 2024 (SCI-Expanded)
- II. Management preferences of orthopedic surgeons in developmental dysplasia of the hip under 1 year of age in Türkiye: Results of a nationwide cross-sectional survey**

Cetin B. V., Bakircioglu S., Ciftci S., Soylemez M. S., Erkus S., TURHAN Y., Camurcu I. Y., Duman S., Yildirim T., MEMİŞOĞLU K., et al.

ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.57, no.6, pp.322-328, 2023 (SCI-Expanded)

- III. **Morphological Determination of Glenohumeral Joint and Acromioclavicular Joint with Computed Tomography**  
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INTERNATIONAL JOURNAL OF MORPHOLOGY, vol.40, no.6, pp.1511-1517, 2022 (SCI-Expanded)
- IV. **Proksimal tibia rekonstrüksiyonu için proksimal seviye kırıklı fibulanın osseokutanöz anterograd pediküllü olarak kullanımı güvenli midir? Olgu sunumu ve literatür tarama Is it safe to harvest a proximally fractured fibula as an osseocutaneous anterograde pedicled flap for proximal tibial reconstruction in subacute period? A case report and literature review**  
YAŞAR E. K., DEMİR C. İ., YILDIRIM Ç., ALAGÖZ M. Ş., MEMİŞOĞLU K.  
Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, vol.28, no.11, pp.1645-1649, 2022 (SCI-Expanded)
- V. **Humeral fractures sustained during arm wrestling**  
KARADENİZ E., DEMİRÖZ S., ÖKTEM F., MEMİŞOĞLU K., KESEMENLİ C. C.  
EUROPEAN JOURNAL OF TRAUMA AND EMERGENCY SURGERY, vol.48, no.4, pp.3109-3114, 2022 (SCI-Expanded)
- VI. **Morphometric Evaluation of Second to Fifth Metacarpals for Retrograde Intramedullary Headless Screw Fixation**  
Örs A., Çolak T., Bamaç B., Işık M., Özbek A., Akansel G., Memişoğlu K.  
INTERNATIONAL JOURNAL OF MORPHOLOGY, vol.40, no.4, pp.1075-1080, 2022 (SCI-Expanded)
- VII. **Tibial cancellous bone auto-grafting for medial open-wedge high tibial osteotomy: bone void filling with tissue harvested from osteotomized medullary canal**  
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- VIII. **Early and mid-term results of Tonnis lateral acetabuloplasty for the treatment of developmental dysplasia of the hip**  
Yonga O., MEMİŞOĞLU K., Onay T.  
JOINT DISEASES AND RELATED SURGERY, vol.33, no.1, pp.208-215, 2022 (SCI-Expanded)
- IX. **Changes in Knee Joint Mechanics After Medial Meniscectomy Determined With a Poromechanical Model**  
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- X. **Effect of surgical and natural menopause on proximal femur morphometry in obese women.**  
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Annals of anatomy = Anatomischer Anzeiger : official organ of the Anatomische Gesellschaft, vol.227, pp.151416, 2020 (SCI-Expanded)
- XI. **Vacuum-assisted closure for skin necrosis after revision total knee arthroplasty**  
Sarman H., Muezzinoglu U. S., MEMİŞOĞLU K., Baran T.  
INTERNATIONAL WOUND JOURNAL, vol.13, no.5, pp.843-847, 2016 (SCI-Expanded)
- XII. **Comparison of Semi-Invasive "Internal Splinting" and Open Suturing Techniques in Achilles Tendon Rupture Surgery**  
Sarman H., Muezzinoglu U. S., MEMİŞOĞLU K., Aydin A., Atmaca H., Baran T., Ozgur B. O., Ozgur T., Kantar C.  
JOURNAL OF FOOT & ANKLE SURGERY, vol.55, no.5, pp.965-970, 2016 (SCI-Expanded)
- XIII. **Arthroscopic fixation with intra-articular button for tibial intercondylar eminence fractures in skeletally immature patients**  
MEMİŞOĞLU K., Muezzinoglu U. S., Atmaca H., Sarman H., KESEMENLİ C. C.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B, vol.25, no.1, pp.31-36, 2016 (SCI-Expanded)
- XIV. **Treatment of Femur Fractures in Preschool Children with Double Pin Technique: Immediate Incorporated Hip Spica Casting by Two K-Wires**  
MEMİŞOĞLU K., Atmaca H., KESEMENLİ C. C.

INDIAN JOURNAL OF SURGERY, vol.77, 2015 (SCI-Expanded)

- XV. **Assessment of Postoperative Tendon Quality in Patients With Achilles Tendon Rupture Using Diffusion Tensor Imaging and Tendon Fiber Tracking**  
Sarman H., Atmaca H., Cakir Ö., Muezzinoglu U. S., ANIK Y., MEMİŞOĞLU K., Baran T., Isik C.  
JOURNAL OF FOOT & ANKLE SURGERY, vol.54, no.5, pp.782-786, 2015 (SCI-Expanded)
- XVI. **Bilateral Femoral Neck Fatigue Fracture due to Osteomalacia Secondary to Celiac Disease: Report of Three Cases**  
SELEK Ö., MEMİŞOĞLU K., SELEK A.  
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- XVII. **Treatment of Calcaneal Fractures with Closed Reduction and the Endobutton-Assisted Technique Short-Term Analysis**  
Atmaca H., MEMİŞOĞLU K., Baran T., KESEMENLİ C. C.  
JOURNAL OF THE AMERICAN PODIATRIC MEDICAL ASSOCIATION, vol.105, no.1, pp.33-41, 2015 (SCI-Expanded)
- XVIII. **A new isometric quadriceps-strengthening exercise using EMG-biofeedback.**  
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- XIX. **Changes in the loading of tibial articular cartilage following medial meniscectomy: a finite element analysis study**  
ATMACA H., KESEMENLİ C. C., MEMİŞOĞLU K., Ozkan A., Celik Y.  
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- XX. **Treatment for painful bone marrow edema by open wedge tibial osteotomy.**  
Kesemenli C., Memisoglu K., Muezzinoglu U., Akansel G.  
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- XXI. **A minimally invasive technique for the reduction of calcaneal fractures using the Endobutton®.**  
Kesemenli C., Memisoglu K., Atmaca H.  
The Journal of foot and ankle surgery : official publication of the American College of Foot and Ankle Surgeons, vol.52, pp.215-20, 2013 (SCI-Expanded)
- XXII. **Comments on Song et al.: new surgical algorithm for femoral head split fractures with anatomical study.**  
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- XXIII. **The relation between botulinum toxin-A and fracture healing. comment on Hao et al.: short-term muscle atrophy caused by botulinum toxin-A local injection impairs fracture healing in the rat femur.**  
Atmaca H., Memisoglu K.  
Journal of orthopaedic research : official publication of the Orthopaedic Research Society, vol.31, pp.510, 2013 (SCI-Expanded)
- XXIV. **Comments on Rached et al.: Slipped capital femoral epiphysis: reduction as a risk factor for avascular necrosis.**  
Memişoğlu K., Atmaca H.  
Journal of pediatric orthopedics. Part B, vol.22, pp.81-2, 2013 (SCI-Expanded)
- XXV. **Effects of botulinum toxin A on fracture healing in rats: an experimental study**  
Aydin A., MEMİŞOĞLU K., CENGİZ A., Atmaca H., Muezzinoglu B., Muezzinoglu U. S.  
JOURNAL OF ORTHOPAEDIC SCIENCE, vol.17, no.6, pp.796-801, 2012 (SCI-Expanded)
- XXVI. **Reply to "Comment on Aydin et al. entitled 'Effects of botulinum toxin A on fracture healing in rats: an experimental study'"**  
Aydin A., MEMİŞOĞLU K., Atmaca H.  
JOURNAL OF ORTHOPAEDIC SCIENCE, vol.17, no.6, pp.829, 2012 (SCI-Expanded)
- XXVII. **Neglected femoral neck fracture in patient with seizure: a case of a delayed fixation of type 1A**

**fracture in 11-month-old infant.**

Atmaca H., Memişoğlu K., Baran T.

European journal of orthopaedic surgery & traumatology : orthopedie traumatologie, pp.173-6, 2012 (SCI-Expanded)

- XXVIII. **Proximal Tibial Osteotomy in Medial Compartment Osteoarthritis: How High is High?**  
ATICI T., Ermutlu C., Sahin N., Ozturk A., MEMİŞOĞLU K.  
KUWAIT MEDICAL JOURNAL, vol.44, no.2, pp.92-100, 2012 (SCI-Expanded)
- XXIX. **A Case of Bilateral Suppurative Arthritis of Hip Joint with Concomitant Pyomyositis**  
Atmaca H., MEMİŞOĞLU K., YUMUK Z., Aydin A.  
BALKAN MEDICAL JOURNAL, vol.29, no.3, pp.343-344, 2012 (SCI-Expanded)
- XXX. **Delayed reconstruction of quadriceps tendon rupture with Endobutton(A (R)): a new technique**  
MEMİŞOĞLU K., Atmaca H., Sarman H., Aydin A.  
EUROPEAN JOURNAL OF ORTHOPAEDIC SURGERY AND TRAUMATOLOGY, vol.21, no.5, pp.371-374, 2011 (SCI-Expanded)
- XXXI. **Reply to: Comments on Memisoglu et al.: Does the technique of lateral cross-wiring (Dorgan's technique) reduce iatrogenic ulnar nerve injury?**  
MEMİŞOĞLU K., KESEMENLİ C. C., Atmaca H.  
INTERNATIONAL ORTHOPAEDICS, vol.35, no.3, pp.459, 2011 (SCI-Expanded)
- XXXII. **Does the technique of lateral cross-wiring (Dorgan's technique) reduce iatrogenic ulnar nerve injury?**  
Memisoglu K., Cevdet K., Atmaca H.  
International orthopaedics, vol.35, pp.375-8, 2011 (SCI-Expanded)
- XXXIII. **Treatment of intertrochanteric femur fractures with 95A degrees fixed-angle blade plate in elderly patients**  
KESEMENLİ C. C., MEMİŞOĞLU K., Necmioglu S., Kayikci C.  
EUROPEAN JOURNAL OF ORTHOPAEDIC SURGERY AND TRAUMATOLOGY, vol.20, no.8, pp.629-634, 2010 (SCI-Expanded)
- XXXIV. **Immediate incorporated hip spica casting in pediatric femoral fractures: comparison of efficacy between normal and high-risk groups.**  
Kesemenli C., Memisoglu K.  
Journal of pediatric orthopedics, vol.30, 2010 (SCI-Expanded)
- XXXV. **Revision of the Gunston polycentric knee arthroplasty with total knee arthroplasty.**  
Memişoğlu K., Müezzinoğlu U., Kesemenli C.  
Acta orthopaedica et traumatologica turcica, vol.44, pp.410-2, 2010 (SCI-Expanded)
- XXXVI. **Total extrusion of the talus in an adolescent: a case report.**  
Memisoglu K., Hürmeydan A.  
Journal of the American Podiatric Medical Association, vol.99, pp.431-4, 2009 (SCI-Expanded)
- XXXVII. **Bone marrow edema seen in MRI of osteoarthritic knees is a microfracture.**  
Kesemenli C., Memisoglu K., Muezzinoglu U.  
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- XXXVIII. **Re: Development of a femoral non-union model in the mouse.**  
Memisoglu K., Kesemenli C.  
Injury, vol.40, pp.467, 2009 (SCI-Expanded)
- XXXIX. **Distraction osteogenesis is inhibited by cancer radiotherapy with Co 60**  
Kesemenli C., Kaya H., Memisoglu K., Kaya B., Dirier A., Tosun B., Kilinc N.  
CLINICAL AND INVESTIGATIVE MEDICINE, vol.32, no.5, 2009 (SCI-Expanded)
- XL. **Primary hydatid disease in adductor muscles.**  
Sarisoy H., Memisoglu K., Tamer G., Sarlak A.  
Clinical and investigative medicine. Medecine clinique et experimentale, vol.31, 2008 (SCI-Expanded)
- XLI. **Chronic post-traumatic radial head dislocation associated with dissociation of distal radio-ulnar joint: a case report**

- Tosun B., Selek O., Buluc L., Memisoglu K.  
ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY, vol.128, no.7, pp.669-671, 2008 (SCI-Expanded)
- XLII. **Differentiation between septic and nonseptic arthritis.**  
Kesemenli C., Memisoglu K.  
Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association, vol.24, 2008 (SCI-Expanded)
- XLIII. **Placement of pedicle screws in thoracic idiopathic scoliosis: a magnetic resonance imaging analysis of screw placement relative to structures at risk**  
Sarlak A., Buluç L., Sarisoy H., Memişoğlu K., Tosun B.  
EUROPEAN SPINE JOURNAL, vol.17, no.5, pp.657-662, 2008 (SCI-Expanded)
- XLIV. **An unusual presentation of brucellar septic arthritis involving the knee joint with extraarticular hardware: A case report**  
MEMİŞOĞLU K., YUMUK Z., Akansel G.  
KNEE, vol.15, no.2, pp.148-150, 2008 (SCI-Expanded)
- XLV. **Tuberculous tenosynovitis of the anterior tibial and extensor hallucis longus tendons: case report.**  
Memisoglu K., Anik Y., Willke A., Sarlak A.  
Foot & ankle international, vol.26, no.4, pp.332-5, 2005 (SCI-Expanded)
- XLVI. **Treatment of fixed thoracolumbar kyphosis in immature achondroplastic patient: posterior column resection combined with segmental pedicle screw fixation and posterolateral fusion.**  
Sarlak A., Buluç L., Anik Y., Memişoğlu K., Kurtgöz B.  
European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society, vol.13, no.5, pp.458-61, 2004 (SCI-Expanded)
- XLVII. **"Double imaging" for the diagnostic work-up of alveolar soft part sarcoma with Tc-99m MIBI.**  
Demir H., Berk F., Memisoglu K., Arslan A. S., Muezzinoglu B., Erdinciler R., Isgoren S., Sarlak A., Aktolun C.  
Annals of nuclear medicine, vol.16, no.2, pp.151-5, 2002 (SCI-Expanded)
- XLVIII. **Possible role of gangliosides in salivary gland complications of diabetes.**  
Tüzün E., Hatemi A., Memişoğlu K.  
Medical hypotheses, vol.54, pp.910-2, 2000 (SCI-Expanded)
- XLIX. **Intracavernosal endothelin levels of impotent men before and after papaverine induced penile erection.**  
Kadioğlu A., Memişoğlu K., Sazoya O., Tüzün E.  
Archivos espanoles de urologia, vol.51, pp.739-40, 1998 (SCI-Expanded)
- L. **The effects of diabetes on penile somato-afferent system.**  
Kadioglu A., Memisoglu K., Sazova O., Erdogru T., Karsidag K., Tellaloglu S.  
Archivos espanoles de urologia, vol.47, pp.100-3, 1994 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Structural, Elemental and Molecular Characterization of Normal And Osteoarthritic Human Articular Cartilage**  
ÇAYIR T., AKALTUN Y., MEMİŞOĞLU K., GÜNDOĞDU Ö.  
JOURNAL OF MATERIALS SCIENCE AND NANOTECHNOLOGY, vol.5, no.1, 2017 (Peer-Reviewed Journal)
- II. **EFFECTS OF SALTER PELVIC OSTEOTOMY ANGLE ON CONTACT AREA AND PRESSURE DISTRIBUTION IN THE HIP JOINT: AN EXPERIMENTAL STUDY**  
MUTLU İ., UĞUR L., ÇELİK T., ÖZKAN A., MEMİŞOĞLU K., KİŞİOĞLU Y.  
Süleyman Demirel Üniversitesi Mühendislik Bilimleri ve Tasarım Dergisi, vol.2, no.2, pp.243-245, 2014 (Peer-Reviewed Journal)
- III. **SALTER PELVİK OSTEOTOMİ AÇISININ KALÇA EKLEMİNDE TEMAS ALANINA VE BASINÇ DAĞILIMINA ETKİLERİ DENEYSEL ÇALIŞMA**  
MUTLU İ., UĞUR L., ÇELİK T., ÖZKAN A., MEMİŞOĞLU K., KİŞİOĞLU Y.

## Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of botox on fracture healing after traumatic brain injury An experimental study on rats**  
AYDIN A., MEMİŞOĞLU K., CENGİZ A., MÜEZZİNOĞLU B., KİŞİOĞLU Y., MÜEZZİNOĞLU Ü. S.  
10TH EFORT CONGRESS (10th Congress of The European Federation of Nat. Associations of Orthopaedics and Traumatology), Vienna, Australia, 3 - 06 June 2009
- II. **KIRIK YLESMES SONRASI SIÇAN UYLUK KEMGNN MUKAVEMET KONTROLÜ**  
AYDIN A., ÖZKAN A., KİŞİOĞLU Y., CENGİZ A., MEMİŞOĞLU K., MÜEZZİNOĞLU Ü. S., BULUÇ L.  
FIGES 13th Conference for Computer Aided Engineering and System Modeling with Exhibition, Antalya, Turkey, 6 - 07 November 2008
- III. **Siçanlarda İmmatür Kıkırdak Allogreft ile Osteokondral Defektin Tamiri**  
Köroğlu A., MEMİŞOĞLU K., SELEK Ö., MÜEZZİNOĞLU B., MÜEZZİNOĞLU Ü. S.  
XX. Milli Türk Ortopedi ve Travmatoloji Kongresi, Ankara, Turkey, 23 - 28 October 2007

## Supported Projects

MEMİŞOĞLU K., Project Supported by Higher Education Institutions, HAREKETLİ EKLEM KIKIRDAĞININ YAPISAL, ELEMENTEL VE MOLEKÜLER AÇIDAN İNCELENMESİ VE TAHRİBATLARIN GİDERİLMESİ, 2016 - 2017

## Metrics

Publication: 74  
Citation (WoS): 221  
Citation (Scopus): 275  
H-Index (WoS): 8  
H-Index (Scopus): 9

## Non Academic Experience

Kocaeli Devlet Hastanesi  
Kocaeli Üniversitesi Tıp Fakültesi Ortopedi ve Travmatoloji Anabilim Dalı  
Kocaeli Üniversitesi Tıp Fakültesi Ortopedi ve Travmatoloji Anabilim Dalı  
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Erlangen-Nürnberg  
Amasya Suluova Akören Sağlık Ocağı