

## Prof. NUSRET KÖSE

### Personal Information

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### International Researcher IDs

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### Education Information

Expertise In Medicine, Eskisehir Osmangazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Turkey 1993 - 1997

Undergraduate, Ege University, Faculty Of Medicine, Turkey 1980 - 1986

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitimi, ESGO Eskişehir İş Sağlığı ve Güvenliği Eğitim Kurumları, 2010

Health&Medicine, Pediatric Orthopedics Visiting Professorship, Pennsylvania State University, 2009

Health&Medicine, Pediatrik Ortopedi ve Spine Ziyaretçi Öğretim üyesi, Universiteit Gent, 2009

Health&Medicine, Ziyaretçi Öğretim Üyesi, Texas Scottish Rite Hospital for Children, 2004

Health&Medicine, Ziyaretçi Öğretim Üyesi, University of Texas at San Antonio, 2003

Health&Medicine, Pediatric Orthopedics International Fellowship, University of Texas Health Science Center San Antonio, UTHSCSA, 1998

Health&Medicine, Bone Banking and Adult Reconstruction, , Musculoskeletal Transplant Foundation (MTF ), 1996

### Dissertations

Expertise In Medicine, Doğuştan Çarpık Ayakta Trans-mid tarsal Osteotomi, Eskisehir Osmangazi University, Tıp Fakültesi, Cerrahi Tıp Bil.Bölü, 1997

### Research Areas

Orthopedics and Traumatology, Clinical Engineering, Biomaterials

## Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, Tıp Fakültesi, Cerrahi Tıp Bil.Bölü, 2007 - Continues  
Associate Professor, Eskisehir Osmangazi University, Tıp Fakültesi, Cerrahi Tıp Bil.Bölü, 2002 - 2007  
Assistant Professor, Eskisehir Osmangazi University, Tıp Fakültesi, Cerrahi Tıp Bil.Bölü, 2000 - 2002  
Lecturer, Eskisehir Osmangazi University, Tıp Fakültesi, Cerrahi Tıp Bil.Bölü, 1997 - 2000  
Research Assistant, Eskisehir Osmangazi University, Tıp Fakültesi, Cerrahi Tıp Bil.Bölü, 1993 - 1997

## Academic and Administrative Experience

Head of Department, Eskisehir Osmangazi University, Tıp Fakültesi, Cerrahi Tıp Bil.Bölü, 2007 - Continues  
Anabilim Dalı Akademik Kurul Üyesi, Eskisehir Osmangazi University, Tıp Fakültesi, Cerrahi Tıp Bil.Bölü, 2002 - Continues  
Head of Department, Eskisehir Osmangazi University, Tıp Fakültesi, 2016 - 2020  
Ölçme Değerlendirme Kurulu Üyesi, Eskisehir Osmangazi University, Tıp Fakültesi, Cerrahi Tıp Bil.Bölü, 2017 - 2019  
Deputy Head of Department, Eskisehir Osmangazi University, Tıp Fakültesi, Cerrahi Tıp Bil.Bölü, 2008 - 2010

## Courses

Skolyoz, Kifoz, Spondilolistezis, Omurga Enfeksiyonları, Postgraduate, 2016 - 2017  
Çocuk Ayak Sorunları, alt Ekstremitede Torsiyonel ve Dizilim Sorunları, Postgraduate, 2016 - 2017  
Omurga Travmatolojisi, Postgraduate, 2016 - 2017  
Protez Oortez Bölümü, Klinik Bilgisi, Associate Degree, 2016 - 2017  
Ortopedide ve Travmatolojide Kullanılan İmplant ve Biyomalzemeler, Postgraduate, 2016 - 2017  
Ortopedi ve Travmatolojide Temel Bilimler, Postgraduate, 2016 - 2017  
Çocuklarda iskelet anomalileri ve Displaziler, Postgraduate, 2016 - 2017

## Advising Theses

Köse N., İmplant ilişkili enfeksiyonların önlenmesinde gümüş iyon katkılı kalsiyum fosfat temelli özel kaplama uygulanmış ortopedik implantların kullanımı, Expertise In Medicine, H.ÇAĞDAŞ(Student), 2020  
Köse N., Gümüş iyon katkılı kalsiyum fosfat seramiklerin kronik osteomyelit deney modelinde etkinliğinin araştırılması, hayvanlarda deneysel çalışma, Expertise In Medicine, Z.MERT(Student), 2016  
Köse N., Çocuk uzun kemik kırıklarında intramedüller tel uygulaması, Expertise In Medicine, A.KÜÇÜK(Student), 2012  
Köse N., Gümüş kaplı titanyum intramedüller rodların açık kırık tedavisinde etkinliğinin araştırılması, hayvanlarda deneysel çalışma, Expertise In Medicine, R.ÇAYLAK(Student), 2010  
Köse N., Hidroksiapatit ve gümüş kaplanmış protez implantların in vivo antimikrobiyal etkinliğinin değerlendirilmesi, hayvanlarda deneysel çalışma, Expertise In Medicine, A.OTUZBİR(Student), 2009  
Köse N., Antimikrobial, hidroksiapatit kaplı eksternal fiksator pinlerin etkinliğinin değerlendirilmesi, hayvanlarda deneysel çalışma, Expertise In Medicine, A.ULUDAĞ(Student), 2009  
Köse N., Humerus suprakondiler kırıklarda dış çapraz tellemenin biyomekanik gücünün diğer yöntemlerle karşılaştırılması, Expertise In Medicine, Y.İZZET(Student), 2005  
Köse N., Yenidoğanlarda kalça eklemine klinik ve ultrasonografik tarama sonuçları, Expertise In Medicine, S.BÜLENT(Student), 2003  
Köse N., Gd-DTPA dimeglumine ve İopromidin kırık ve sinovyal membran üzerindeki etkileri, Expertise In Medicine, u.İnan(Student), 2002

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

- I. **Silver ion-doped calcium phosphate-based bone-graft substitute eliminates chronic osteomyelitis: An experimental study in animals.**  
Köse N., Asfuroğlu Z. M. , Köse A., Şahintürk V., Gürbüz M., Doğan A.  
Journal of orthopaedic research : official publication of the Orthopaedic Research Society, vol.39, pp.1390-1401, 2021 (SCI-Expanded)
- II. **Silver ion doped hydroxyapatite-coated titanium pins prevent bacterial colonization.**  
Sevencan A., Kartal Doyuk E., Köse N.  
Joint diseases and related surgery, vol.32, pp.35-41, 2021 (SCI-Expanded)
- III. **Significance of Asymmetry of Groin and Thigh Skin Creases in Developmental Dysplasia of the Hip Revisited: Results of a Comparative Study.**  
ÖMEROĞLU H., Tatlici E., KÖSE N.  
Journal of pediatric orthopedics, vol.40, no.8, 2020 (SCI-Expanded)
- IV. **Associations between risk factors and developmental dysplasia of the hip and ultrasonographic hip type: a retrospective case control study**  
Omeroglu H., Akceylan A., KÖSE N.  
JOURNAL OF CHILDRENS ORTHOPAEDICS, vol.13, no.2, pp.161-166, 2019 (SCI-Expanded)
- V. **Hip and Knee Section, Prevention, Prosthesis Factors: Proceedings of International Consensus on Orthopedic Infections**  
Aboltins C. A. , Antoci V., Bhattacharyya S., Cross M., Ducheyne P., Freiberg A. A. , Hailer N., Kay P., Ketonis C., Klement M. R. , et al.  
Journal Of Arthroplasty, vol.34, no.2, pp.309-320, 2019 (SCI-Expanded)
- VI. **Success of Pavlik Harness Treatment Decreases in Patients  $\geq$  4 Months and in Ultrasonographically Dislocated Hips in Developmental Dysplasia of the Hip**  
Omeroglu H., KÖSE N., Akceylan A.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, vol.474, no.5, pp.1146-1152, 2016 (SCI-Expanded)
- VII. **Silver ion doped ceramic nano-powder coated nails prevent infection in open fractures: In vivo study**  
KÖSE N., Caylak R., Peksen C., Kiremitci A., BURUKOĞLU DÖNMEZ D., KOPARAL A. S. , DOĞAN A.  
INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED, vol.47, no.2, pp.320-324, 2016 (SCI-Expanded)
- VIII. **Analyses of the modulatory effects of antibacterial silver doped calcium phosphate-based ceramic nano-powder on proliferation, survival, and angiogenic capacity of different mammalian cells in vitro**  
Bostancioglu R. B. , Peksen C., Genc H., GÜRBÜZ M., BAYRAKCI KAREL F., Koparal A. S. , DOĞAN A., KÖSE N., Koparal A. T.  
BIOMEDICAL MATERIALS, vol.10, no.4, 2015 (SCI-Expanded)
- IX. **Gümüş iyon katkılı kalsiyum fosfat seramiklerin kronik osteomyelit modelinde etkinliğinin araştırılması Tavşanlarda deneysel çalışma**  
KÖSE N., ASFUROĞLU Z. M. , GÜRBÜZ M., ŞAHİNTÜRK V., KİREMİTÇİ A., DOĞAN A., KOPARAL A. S.  
Acta Orthopaedica Et Traumatologica Turcica, pp.84, 2015 (SCI-Expanded)
- X. **A Silver Ion-doped Calcium Phosphate-based Ceramic Nanopowder-coated Prosthesis Increased Infection Resistance**  
KÖSE N., Otuzbir A., Peksen C., Kiremitci A., DOĞAN A.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, vol.471, no.8, pp.2532-2539, 2013 (SCI-Expanded)
- XI. **A new syndrome mimicking Jaffe-Campanacci syndrome: a case report**  
SEVENCAN A., İNAN U., KÖSE N.  
EKLEM HASTALIKLARI VE CERRAHİSİ-JOINT DISEASES AND RELATED SURGERY, vol.24, no.1, pp.46-48, 2013 (SCI-Expanded)
- XII. **Rotational alignment of the lower extremity in adults: no relationship with osteoarthritis of the knee was proved**  
Akalin Y., Ozcelik A., KÖSE N., Seber S.  
EKLEM HASTALIKLARI VE CERRAHİSİ-JOINT DISEASES AND RELATED SURGERY, vol.22, no.2, pp.75-80, 2011 (SCI-

Expanded)

- XIII. **Percutaneous Release for Trigger Thumbs in Children: Improvements of the Technique and Results of 31 Thumbs**  
SEVENCAN A., İNAN U., KÖSE N., Omeroglu H., Seber S.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.30, no.7, pp.705-709, 2010 (SCI-Expanded)
- XIV. **A two-dimensional wrist model for carpal instability and force transmission**  
Seber S., GÖKDEMİR H., ÖZÇELİK A., Gunal I., Aydin R., KÖSE N.  
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.19, no.3, pp.127-132, 2008 (SCI-Expanded)
- XV. **Smooth uncemented femoral stems do not provide torsional stability of femurs with cortical defects**  
KÖSE N., Mabrey J. D. , Wang X., Agrawal C. M.  
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.19, no.2, pp.66-71, 2008 (SCI-Expanded)
- XVI. **Effects of intraarticular contrast media on synovial membrane and cartilage - An electron microscopic evaluation in rabbit knees**  
KÖSE N., Inan U., Baycu C., Omeroglu B., Seber S.  
SAUDI MEDICAL JOURNAL, vol.28, no.5, pp.713-716, 2007 (SCI-Expanded)
- XVII. **Percutaneous reduction of irreducible forearm fractures in children**  
Koese N., Goektuerk E., Turgut A., Seber S., Guenal I.  
ORTHOPEDECS, vol.29, no.7, pp.584-586, 2006 (SCI-Expanded)
- XVIII. **Our three-year experience with an ultrasonographic hip screening program conducted in infants at 3 to 4 weeks of age Uç-dört haftalık bebeklerde yürütülen ultrasonografik kalça taramasi programinda üç yıllık deneyimimiz.**  
KÖSE N., Omeroğlu H., Ozyurt B., AKÇAR N., ÖZÇELİK A., İNAN U., Seber S.  
Acta orthopaedica et traumatologica turcica, vol.40, no.4, pp.285-290, 2006 (SCI-Expanded)
- XIX. **Stress views in the radiography of scapholunate instability**  
Ozcelik A., Gunal I., KÖSE N.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.56, no.3, pp.358-361, 2005 (SCI-Expanded)
- XX. **Wrist ligaments: their significance in carpal instability.**  
Özçelik A., Günal I., KÖSE N., Seber S., Ömeroğlu H.  
Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, vol.11, no.2, pp.115-20, 2005 (SCI-Expanded)
- XXI. **Bilateral spontaneous quadriceps tendon ruptures in a patient with Bardet-Biedl syndrome.**  
Akcar N., Adapinar B., Ucar B., KÖSE N.  
Orthopedics, vol.27, no.10, 2004 (SCI-Expanded)
- XXII. **The effect of opening wedge thoracostomy insufficiency syndrome associated with fused ribs and congenital scoliosis**  
Campbell R., Smith M., Mayes T., Mangos J., Willey-Courand D., KÖSE N., Pinero R., Alder M., Duong H., Surber J.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, no.8, pp.1659-1674, 2004 (SCI-Expanded)
- XXIII. **Giant cystic lymphangioma cavernosum of lower limb with overlying lymphangioma circumscriptum**  
Seber S., KÖSE N., Turgut A., Ozcelik A., Gokturk E.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B, vol.13, no.4, pp.284-286, 2004 (SCI-Expanded)
- XXIV. **Congenital scoliosis**  
KÖSE N., Campbell R.  
MEDICAL SCIENCE MONITOR, vol.10, no.5, 2004 (SCI-Expanded)
- XXV. **The characteristics of thoracic insufficiency syndrome associated with fused ribs and congenital scoliosis**  
Campbell R., Smith M., Mayes T., Mangos J., Willey-Courand D., KÖSE N., Pinero R., Alder M., Duong H., Surber J.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, no.3, pp.399-408, 2003 (SCI-Expanded)
- XXVI. **The efficacy of pulsed electromagnetic fields used alone in the treatment of femoral head osteonecrosis: a report of two cases Femur başı osteonekrozu sagaltiminda darbeli elektromanyetik**

- alanin iki olguda tek başına kullanımı.**  
Seber S, Omeroglu H, Cetinkanat H, KÖSE N.  
Acta orthopaedica et traumatologica turcica, vol.37, no.5, pp.410-413, 2003 (SCI-Expanded)
- XXVII. **Medium-term results of trapezio-lunate external fixation for scaphoid fractures**  
Gunal Y, Oztuna V, Ozcelik A, KÖSE N, Turgut A, Gokturk E, Seber S.  
JOURNAL OF HAND SURGERY-BRITISH AND EUROPEAN VOLUME, no.5, pp.410-412, 2002 (SCI-Expanded)
- XXVIII. **Endoscopy, assisted percutaneous repair of the Achilles tendon ruptures: a cadaveric and clinical study**  
Turgut A, Gunal I, Maralcan G, KÖSE N, Gokturk E.  
KNEE SURGERY SPORTS TRAUMATOLOGY ARTHROSCOPY, vol.10, no.2, pp.130-133, 2002 (SCI-Expanded)
- XXIX. **Prevention of heterotopic ossification after total hip replacement - A prospective comparison of indomethacin and salmon calcitonin in 60 patients**  
Gunal I, Hazer B, Seber S, Gokturk E, Turgut A, KÖSE N.  
ACTA ORTHOPAEDICA SCANDINAVICA, vol.72, no.5, pp.467-469, 2001 (SCI-Expanded)
- XXX. **Setscrew distal locking for intramedullary nails: A biomechanical study**  
KÖSE N, Gunal I, Wang X, Athanasiou K, Agrawal C, Mabrey J.  
JOURNAL OF ORTHOPAEDIC TRAUMA, vol.14, no.6, pp.414-419, 2000 (SCI-Expanded)
- XXXI. **Proximal femoral osteotomy**  
KÖSE N.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, no.5, pp.750-751, 2000 (SCI-Expanded)
- XXXII. **Rotational profile of the lower extremity and foot progression angle: computerized tomographic examination of 50 male adults**  
Seber S, Hazer B, KÖSE N, Gokturk E, Gunal I, Turgut A.  
ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY, vol.120, pp.255-258, 2000 (SCI-Expanded)
- XXXIII. **Evaluation of simple excision in the treatment of symptomatic accessory navicular associated with flat feet**  
Kiter E, Günal I, TURGUT A, KÖSE N.  
Journal of Orthopaedic Science, vol.5, no.4, pp.333-335, 2000 (SCI-Expanded)
- XXXIV. **Tuberculous abscess of the brachialis and biceps brachii muscles without osseous involvement. A case report.**  
Seber S, KÖSE N.  
Journal of Bone and Joint Surgery - Series A, vol.81, no.12, pp.1788, 1999 (SCI-Expanded)
- XXXV. **Untitled**  
Seber S, KÖSE N.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, no.12, pp.1788, 1999 (SCI-Expanded)
- XXXVI. **Treatment of severe residual clubfoot deformity by trans-mid tarsal osteotomy**  
KÖSE N, Gunal I, Gokturk E, Seber S.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B, vol.8, no.4, pp.251-256, 1999 (SCI-Expanded)
- XXXVII. **Oxidant status increased during fracture healing in rats**  
Turgut A, Gokturk E, KÖSE N, Kacmaz M, Ozturk H, Seber S, Acar S.  
ACTA ORTHOPAEDICA SCANDINAVICA, vol.70, no.5, pp.487-490, 1999 (SCI-Expanded)
- XXXVIII. **Structural properties of the fibular band in congenital total absence of the fibula**  
Gunal I, Turgut A, KÖSE N.  
ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY, vol.119, pp.217-219, 1999 (SCI-Expanded)
- XXXIX. **The relationship of heel pad elasticity and plantar heel pain**  
Turgut A, Gokturk E, KÖSE N, Seber S, Hazer B, Gunal I.  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, no.360, pp.191-196, 1999 (SCI-Expanded)
- XL. **The crowded wrist - a case with accessory carpal bones**  
KÖSE N, Ozcelik A, Gunal I.  
ACTA ORTHOPAEDICA SCANDINAVICA, vol.70, no.1, pp.96-98, 1999 (SCI-Expanded)
- XLI. **Total hip arthroplasty in an adult with proximal femoral focal deficiency**

- KÖSE N., Campbell R., Loredó R., Wammack L., Mabrey J.  
JOURNAL OF ARTHROPLASTY, vol.13, no.3, pp.356-360, 1998 (SCI-Expanded)
- XLII. **Spontaneous bilateral hip fractures in a patient with steroid-induced osteoporosis - a case report**  
KÖSE N., Ozcelik A., Gunal I., Seber S.  
ACTA ORTHOPAEDICA SCANDINAVICA, vol.69, no.2, pp.195-196, 1998 (SCI-Expanded)
- XLIII. **Simple bone cysts treated by percutaneous autologous marrow grafting**  
Gokturk E., KÖSE N.  
JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME, no.4, pp.695, 1997 (SCI-Expanded)
- XLIV. **Patellectomy with vastus medialis obliquus advancement for comminuted patellar fractures - A prospective randomised trial**  
Gunal I., Taymaz A., KÖSE N., Gokturk E., Seber S.  
JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME, no.1, pp.13-16, 1997 (SCI-Expanded)
- XLV. **Simple bone cysts treated by percutaneous autologous marrow grafting (multiple letters) [1]**  
Gokturk E., KÖSE N., Wientroub S.  
Journal of Bone and Joint Surgery - Series B, vol.79, no.4, pp.695, 1997 (SCI-Expanded)
- XLVI. **Compartment syndrome after intraosseous infusion: An experimental study in dogs**  
Gunal I., KÖSE N., Gurer D.  
JOURNAL OF PEDIATRIC SURGERY, vol.31, no.11, pp.1491-1493, 1996 (SCI-Expanded)
- XLVII. **Normal range of motion of the joints of the upper extremity in male subjects, with special reference to side**  
Gunal I., KÖSE N., Erdogan O., Gokturk E., Seber S.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, no.9, pp.1401-1404, 1996 (SCI-Expanded)
- XLVIII. **Talectomy with displacing the foot anteriorly and medial malleolus laterally Die talectomie mit verschiebung des fußes nach ventral und des innenknöchels nach lateral**  
Gunal I., KÖSE N., Seber S.  
Operative Orthopädie und Traumatologie, vol.8, no.4, pp.287-293, 1996 (SCI-Expanded)
- XLIX. **Avascular necrosis of the scaphoid treated by total excision and radial advancement osteotomy**  
Gunal I., Oztuna V., KÖSE N., Seber S.  
JOURNAL OF HAND SURGERY-BRITISH AND EUROPEAN VOLUME, no.6, pp.736-740, 1995 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Closed reduction and titanium elastic nailing in diaphyseal femoral and tibial fractures in children**  
Kucuk A., Asfuroglu Z. M., KÖSE N.  
CUKUROVA MEDICAL JOURNAL, vol.47, no.2, pp.563-569, 2022 (ESCI)
- II. **Evaluation of Load Transmission to the Knee Joint in a Three-dimensional Femur Model Using a Finite Element Analysis Method**  
TEKCAN A., KÖSE N.  
European Archives of Medical Research, vol.37, pp.63-70, 2021 (Peer-Reviewed Journal)
- III. **TIME-DEPENDENT DISSOLUTION BEHAVIOUR OF ANTIMICROBIAL MODIFIED METAL IMPLANTS IN HUMAN BLOOD PLASMA**  
Köse N.  
Orthopaedic Proceedings, vol.102, no.11, pp.1, 2020 (Conference Book)
- IV. **Gümüş iyon katkılı kalsiyum fosfat esaslı antimikrobiyal özellikli biyoseramik yapay kemik dokusu**  
Köse N.  
TOTBİD Dergisi, vol.20, pp.77-81, 2020 (Non Peer-Reviewed Journal)
- V. **THE USE OF ORTHOPAEDIC IMPLANTS WITH SILVER ION-DOPED CERAMIC COATING IN THE PREVENTION OF IMPLANT-RELATED INFECTIONS**  
Köse N., Köse A. A., Sevencan A., Doğan A.  
Orthopaedic Proceedings, vol.102, no.11, pp.1, 2020 (Conference Book)

- VI. **Ultrasonographic Graf type Ila hip needs more consideration in newborn girls**  
Omeroglu H., Caylak R., İNAN U., KÖSE N.  
JOURNAL OF CHILDRENS ORTHOPAEDICS, vol.7, no.2, pp.95-98, 2013 (ESCI)
- VII. **Doğuştan Çarpık Ayakta Residüel Biçim Bozuklukları ve Rekürrenslerde Sağıaltım Prensipleri**  
SEVENCAN A., İNAN U., KÖSE N.  
Turkiye Klinikleri Journal of Orthopaedics and Traumatology Special Topics, vol.3, no.4, pp.35-39, 2010 (Peer-Reviewed Journal)
- VIII. **Pediatric femur neck fractures: a retrospective analysis of 39 hips**  
İNAN U., KÖSE N., Omeroglu H.  
JOURNAL OF CHILDRENS ORTHOPAEDICS, vol.3, no.4, pp.259-264, 2009 (ESCI)
- IX. **Endoskopik Karpal Tünel Gevşetmeleri**  
SEVENCAN A., İNAN U., KÖSE N.  
Turkiye Klinikleri Journal of Orthopaedics and Traumatology Special Topics, vol.2, no.3, pp.47-51, 2009 (Peer-Reviewed Journal)
- X. **Konjenital Skolyoz ve Torasik Yetmezlik Sendromu**  
KÖSE N., SEVENCAN A.  
TOTBİD (Türk Ortopedi ve Travmatoloji Birliğı Derneğı) Dergisi, vol.6, pp.95-101, 2007 (Non Peer-Reviewed Journal)
- XI. **Percutaneous autologous bone marrow grafting for simple bone cysts**  
KÖSE N., GÖKTÜRK E., TURGUT A., GÜNAL İ. H. , seber s.  
Bull Hosp Jt Dis, vol.58, no.2, pp.105-110, 1999 (Peer-Reviewed Journal)
- XII. **Knee joint allotransplantation for osteogenic sarcoma**  
GÜNAL İ. H. , KÖSE N., TURGUT A., SEVENCAN A.  
Osmangazi Tıp Dergisi, vol.17, pp.207-212, 1995 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Flatfoot and pes cavus**  
Köse N., Asfuroğlu Z. M.  
in: Musculoskeletal Disorders, Longo, Editor, Nature Publishing Group , London, pp.1-2, 2021
- II. **PRESENTING AND TREATING BONE INFECTIONS USING SILVER-ION CONTAINING NANO-HYDROXYAPATITE**  
KÖSE N., KÖSE A. A. , toktaş a. g. , DOĞAN A.  
in: Nanotechnology Applications in Health and Environmental Sciences, Sağlam, Necdet, Korkusuz, Feza, Prasad, Ram, Editor, springer, pp.257-268, 2021
- III. **Presenting and treating bone infections**  
Köse N.  
in: Nanotechnology Applications in Health and Environmental Sciences, Sağlam, Necdet, Korkusuz, Feza, Prasad, Ram, Editor, Springer, London/Berlin , Alabama, pp.1-12, 2021
- IV. **Ortopedide Biyomalzemeler Ve İmplantlara Biyolojik Yanıt**  
KÖSE N.  
in: Temel Bilimler ve Araştırma kitabı, Korkusuz, Feza, Editor, Totbid-Bayt, pp.3-16, 2016
- V. **Biological Response to Orthopedic Implants and Biomaterials**  
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**VI. ÇOCUKLARDA SUPRAKONDİLER KIRIKLA Kapalı Redüksiyon - Perkütan Telleme**

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- XII. **In Vivo Behaviour of AG Ion Doped Calcium Phosphate based Ceramic Powder Coating on Ti6Al4V Implants**  
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- XIV. **Çocuklarda Suprakondiler Kırıklarda Perkütan Lateral Çapraz Telleme**  
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2. Ulusal Çocuk Ortopedisi Kongresi, Turkey, 16 - 18 March 2018
- XV. **Ortopedist Açısından Biyomalzemeler Ve Yapay Kemikler**  
KÖSE N.  
3. TOTBID TOAK Turk Ortopedik Arastirma Konseyi Deneysel Arastirma Egitimi Kursu, Turkey, 11 - 13 November 2016
- XVI. **Gümüş İyon Katkılı Kalsiyum Fosfat Seramiklerin Kronik Osteomyelit Deney Modelinde Etkinliğinin Araştırılması Hayvanlarda Deneysel Çalışma**  
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- XVII. **Silver Ions Doped Calcium Phosphate Ceramic Grafts Are Effective In The Treatment Of Chronic Osteomyelitis**  
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- XIX. **Both family history and swaddling are correlated with the occurrence and hip types in developmental dysplasia of the hip**  
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- XX. **Gelişimsel Kalça Displazisi Tedavisinde Pavlik Yöntemi Başarısı Üzerine Etki Eden Faktörler**  
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- XXI. **Risk Faktörleri Varlığının Gelişimsel Kalça Displazisinin Görülmesi ve Kalça Tipi Üzerine Etkisi**  
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- XXIII. **Ortopedide Kullanılan Biyomalzemeler**  
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(TBAO) Temel Bilimler ve Araştırma Okulu, Turkey, 4 - 06 March 2016
- XXIV. **Pavlik Method Failure Rises Over Age Three Months and in Severe Hip Types in Developmental Hip Dysplasia**  
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AAOS 2016 ANNUAL MEETING, 1 - 05 March 2016
- XXV. **Ponseti yöntemi uygulaması**  
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- XXVI. **PEV**  
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- XXVII. **Pev patolojik anatomi du zeltme prensipleri**  
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- XXVIII. **Gümüş iyon katkılı kalsiyum fosfat seramiklerin kronik osteomyelit modelinde etkinliğinin araştırılması Tavşanlarda deneysel çalışma**  
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- XXIX. **A new area for F 18 NaF PET CT Avascular Necrosis of the Femoral Head as a benign disease**  
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5 Biennial Congress of the Asia Pacific Trauma Society (APOA 2015), 13 - 15 March 2015
- XXXIII. **Sartorius Muscle Pedicle İliac Bone Graft for the Treatment of Osteonecrosis of the Femoral Head**  
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- XL. **Spor yapan ve yapmayan genç bayanlarda vücut yağ oranları ve yağ dağılımları Sözlü Sunum**

## **Sempozyumu 2 4 Nisan 1998 İzmir**

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I. Ortopedik Fizyoterapi ve Rehabilitasyon, Turkey, 2 - 04 April 1998

- XLI. Smooth uncemented femoral stems do not provide torsional stability of femurs with cortical defects**  
Mabrey J, KÖSE N., Wang X., Lanctot D., Jaroszewski D., Athanasiou K., Agrawal C.  
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balkan sports medicine congress, 1 - 04 October 1997

## **Supported Projects**

Köse N., Eker Sarıboyacı A., Güneş S., TUBİTAK Project, Menisküs Hasarlı Hastaların Tedavisinde Kök Hücre Kaynaklı Eksozom Tedavi Protokolünün Geliştirilmesi, 2020 - 2025

Köse N., Project Supported by Higher Education Institutions, Kemik Enfeksiyonlarının Tedavisinde Antimikrobiyal Etkili Yapay Kemik Doku Greftlerinin Kullanımı, 2019 - 2022

Köse N., TUBİTAK Project, İmplant İlişkili Enfeksiyonların Önlenmesinde Gümüş İyon Katkılı Kalsiyum Fosfat Temelli Özel Kaplama Uygulanmış Ortopedik İmplantların Kullanımı, 2017 - 2020

Köse N., KOSGEB, Kemik Enfeksiyonlarının Tedavisinde Gümüş İyon Katkılı Yapay Kemik Grefti Geliştirilmesi, 2015 - 2018

KÖSE N., Project Supported by Higher Education Institutions, Metalik Vidaların CaP ile Kaplanması, 2016 - 2017

Köse N., Project Supported by Higher Education Institutions, Gümüş İyon Katkılı Kalsiyum Fosfat Seramiklerin Kronik Osteomyelit Deney Modelinde Etkinliğinin Araştırılması Hayvanlarda Deneysel Çalışma, 2014 - 2016

KÖSE N., Project Supported by Higher Education Institutions, Gümüş İyon Katkılı Kalsiyum Fosfat Seramiklerin Kronik Osteomyelit Deney Modelinde Etkinliğinin Araştırılması. Hayvanlarda Deneysel Çalışma, 2014 - 2015

Köse N., Association (NGO), Gümüş ve Hidroksi Apatit Kaplı İmplantların İnvitro Antimikrobiyal Etkinliği, 2009 - 2010

## **Patent**

Köse N., Gümüş iyon katkılı kalsiyum fosfat esaslı antimikrobiyal özellikli biyoseramik yapay kemik dokusu., Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2016 18844 , Standard Registration, 2020

Köse N., TIBBİ İMPLANTLARIN ENFEKSİYONA KARŞI GÜMÜŞ İYON KATKILI KALSİYUM FOSFAT TEMELLİ ANTİMİKROBİYAL SERAMİK MALZEMELERLE KAPLANMASI, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: 2016/18844 , Standard Registration, 2016

## **Activities in Scientific Journals**

Medikal İnovasyon ve Teknoloji Dergisi , Committee Member, 2020 - Continues

Journal of Orthopaedic Surgery and Research, Committee Member, 2018 - Continues

Totbid Dergisi, Publication Committee Member, 2016 - 2018

## **Memberships / Tasks in Scientific Organizations**

TUBİTAK SBAG, Executive Board Member, 2021 - Continues, Turkey

APOA Enfeksiyon Seksiyonu Başkan, Board Member, 2018 - Continues, Malaysia

Çocuk Ortopedisi Derneği, Member, 2010 - Continues, Turkey

Türk Ortopedi ve Travmatoloji Derneği, Member, 1995 - Continues, Turkey

TOTDER, Member, 1995 - Continues, Turkey

TUBİTAK SBAG ÇPDK, Member of Advisory Board, 2018 - 2021, Turkey  
TUBİTAK SBAG , Member of Advisory Board, 2018 - 2021, Turkey  
Avrupa Çocuk Ortopedisi Derneği, Member of Advisory Board, 2018 - 2020, Switzerland  
Türk Tabipler Birliği, Member, 1990 - 2020, Turkey  
Çocuk Ortopedisi Derneği, Chairman, 2010 - 2011, Turkey  
New York Academy of Sciences, Member, 2009 - 2010, United States Of America  
Çocuk Ortopedisi Derneği, Board Member, 2008 - 2010, Turkey

## Scientific Refereeing

BONE & JOINT RESEARCH, SCI Journal, November 2020  
INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED, SCI Journal, January 2020  
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, SCI Journal, January 2020  
JOURNAL OF ALLOYS AND COMPOUNDS, SCI Journal, May 2018  
TUBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Eskisehir Osmangazi University, Turkey, January 2018

## Tasks In Event Organizations

Köse N., I. Uluslararası Tıp, Sağlık ve İletişim Bilimleri Kongresi , Scientific Congress, Turkey, Ekim 2021  
Köse N., 21st APOA Biennial Congress , Scientific Congress, Malaysia, Temmuz 2021  
Köse N., Hareket ve Motor Kontrol Kongresi, Scientific Congress, Turkey, Mayıs 2021  
Köse N., Hareket ve Motor Kontrol Kongresi (HAMOK2021), Scientific Congress, Eskişehir, Turkey, Mayıs 2021  
Köse N., EORS, Scientific Congress, Turkey, Eylül 2020

## Metrics

Publication: 113  
Citation (WoS): 1142  
Citation (Scopus): 1359  
H-Index (WoS): 15  
H-Index (Scopus): 18

## Congress and Symposium Activities

20. Temel Bilimler ve Araştırma Okulu, Invited Speaker, Ankara, Turkey, 2021

## Invited Talks

Tübitak SBAG 1001 Proje yazma eğitimi, Conference, Tübitak, Turkey, March 2021  
GKD , Seminar, Ufuk Üniversitesi, Turkey, January 2019

## Scholarships

Musculoskeletal Transplant Foundation Bone Banking, Other International Organizations, 1995 - 1995

## **Awards**

Köse N., En İyi Uzmanlık Tezi Ödülü, Türk Ortopedi Ve Travmatoloji Birlięi Derneęi, November 2016

Köse N., Best Musculoskeletal Infection Paper, Asia Pacific Orthopaedic Association (Apoa), November 2015

Köse N., Prof Dr Önder Baran Ödülü, Dokuz Eylül Üniversitesi, July 2014

Köse N., Sevcancan A., Doęan A., En İyi Sözlü Bildiri, Xxı Ulusal Türk Ortopedi Ve Travmatoloji Kongresi , October 2009

Özçelik A., Günal İ. H. , Köse N., Seber S., 2000 Yılı En İyi Bildiri Ödülü, Vıı Türk El Ve Üst Ekstremitte Cerrahisi Kongresi, May 2000

## **Entrepreneurship Activities**

Limited, Orthosense Medikal AR-GE Ltd, 01 January 2015, Founder Owner