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Academic Titles / Tasks

Lecturer PhD, Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Does medullary diameter to stem width ratio and stem length affect outcomes of revision total knee arthroplasties? A case series**
Özer H., Baymurat A. C., Ahmadov A., Selek H. Y., Abdulaliyev F., Özel T.
JOINT DISEASES AND RELATED SURGERY, vol.35, pp.244-248, 2024 (SCI-Expanded)

II. **Cakirgil method in the surgical treatment of older children with developmental dysplasia of the hip: Mid-term follow-up results of 17 hips and literature review**
Tolunay T., Baymurat A. C., Çalta M. Ş., Atalar H.
Joint diseases and related surgery, vol.35, no.1, pp.202-208, 2024 (SCI-Expanded)

III. **Intermittent pedicle screw application provides better kyphosis restoration in adolescent idiopathic scoliosis for Lenke type 1 and type 2 curves**

BAYMURAT A. C., Yapar A., Kilicaslan O. F., TOKGÖZ M. A., Selcuk H., YAŞ S., ŞENKÖYLÜ A.
European Spine Journal, vol.32, no.6, pp.2213-2220, 2023 (SCI-Expanded)

IV. **Total hip arthroplasty in patients with coxarthrosis due to developmental dysplasia of the hip: Is fixation of the subtrochanteric osteotomy necessary?**
Atalar H., Baymurat A. C., Kaya İ., Tokgöz M. A., Tolunay T., Arikan Ş. M.
JOINT DISEASES AND RELATED SURGERY, vol.34, no.3, pp.605-612, 2023 (SCI-Expanded)

V. **Early Period Results of Patients Undergoing Arthroscopic Repair with a Diagnosis of Full Thickness Rotator Cuff Tear**
BAYMURAT A. C., Tahta M.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH - PART A, pp.4-9, 2022 (SCI-Expanded)

VI. **Bio-engineered synovial membrane to prevent tendon adhesions in rabbit flexor tendon model**
Baymurat A. C., ÖZTÜRK A. M., Yetkin H., ERGÜN M. A., Helvacioglu F., Ozkizilcik A., TUZLAKOĞLU K., ŞENER E. E., Erdogan D.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A, vol.103, no.1, pp.84-90, 2015 (SCI-Expanded)

Articles Published in Other Journals

I. **Lumbar Discectomy Using the Destandau Technique Provides Better Results in the Short Term**
GÖK H., BAYMURAT A. C.
Journal of Harran University Medical Faculty, vol.20, no.3, pp.539-547, 2023 (Peer-Reviewed Journal)

II. **The effect of brace on apical vertebral derotation in adolescent idiopathic scoliosis**
BAYMURAT A. C., Daldal I., TOKGÖZ M. A., Yilmaz B. K., ŞENKÖYLÜ A.
Spine Deformity, vol.11, no.5, pp.1101-1107, 2023 (ESCI)

III. **Correlation of Culture Results and Hematological Parameters with Tissue PCR Test in the Diagnosis of Periprosthetic Joint Infection**
SAVLIK S., ATALAR H., BAYMURAT A. C., TOLUNAY T.
GAZI MEDICAL JOURNAL, vol.34, 2023 (ESCI)

IV. **SHOULD PELVIC FIXATION BE INCLUDED IN NEUROMUSCULAR SCOLIOSIS SURGERY?**
BAYMURAT A. C., Yapar A., TOKGÖZ M. A., Kılıçaslan Ö. F., YAŞ S., Yılmaz B. K., ŞENKÖYLÜ A.
Journal of Turkish Spinal Surgery, vol.34, no.3, pp.101-106, 2023 (Scopus)

V. **Giant Cell Tumor of the L1 Vertebra with a Large Soft Tissue Component: A Case Report**
BAYMURAT A. C., DALDAL İ., YILMAZ B. K., TOKGÖZ N., ATAOĞLU Ö., ŞENKÖYLÜ A.
Traumatology and Orthopaedics of Kazakhstan, vol.69, no.4, pp.19-23, 2023 (Peer-Reviewed Journal)

VI. **Congenital Kyphosis with Rapid Progression In Adolescence: A Case Report**
BAYMURAT A. C.
Traumatology and Orthopaedics of Kazakhstan, vol.67, no.2, pp.34-37, 2023 (Peer-Reviewed Journal)

VII. **Evaluation of Interobserver and Intraobserver Differences of Graf Method in Developmental Hip Dysplasia**
Dogruel H., BAYMURAT A. C., Tuncay I. C., ATALAR H.
GAZI MEDICAL JOURNAL, vol.34, no.4, pp.425-431, 2023 (ESCI)

VIII. **A comparison of clinical results of transtibial and transportal anatomical techniques in the arthroscopic reconstruction of anterior cruciate ligament**
Baymurat A. C., Tahta M., Uysal N.
Archives of Current Medical Research, vol.3, no.1, pp.18-23, 2022 (Peer-Reviewed Journal)

Books & Book Chapters

I. **ROTATOR INTERVAL CLOSURE**
TOKGÖZ M. A., BAYMURAT A. C., YAŞ S.

in: A GUİDE FOR SHOULDER ARTHROSCOPY, ULUNAY KANATLI, Editor, US AKADEMİ, Ankara, pp.247-248, 2023

II. **TRAUMATIC EXTENSİVE LABRAL LESIONS**
KANATLI U., BAYMURAT A. C.
in: A GUIDE FOR SHOULDER ARTHROSCOPY, ULUNAY KANATLI, Editor, US AKADEMİ, Ankara, pp.253-260, 2023

III. **Halluks Valgus Cerrahisinde Temel Yumuşak Doku Girişimleri**
TOKGÖZ M. A., BAYMURAT A. C., YAŞ S.
in: Halluks Valgus, Kanatlı Ulunay, Editor, US AKADEMİ, Ankara, pp.27-32, 2022

Refereed Congress / Symposium Publications in Proceedings

I. **DERIN ÖĞRENME YÖNTEMIYLE DÜZ RADYOGRAFILERDE SKOLYOZ TESPITI VE SINIFLANDIRMASI**
Baymurat A. C., Üreten K., Tolunay T., Gültekin G. K., Tosun M. F., Çalta M. Ş., Şenköylü A., Atalar H.
32. Ulusal Türk Ortopedi ve Travmatoloji KOngresi, Antalya, Turkey, 31 October - 05 November 2023, pp.56-57

II. **Epifizyodez / Growing rod**
Baymurat A. C.
32. Ulusal Türk Ortopedi ve Travmatoloji KOngresi, Antalya, Turkey, 31 October - 05 November 2023, pp.58-59

III. **CONGENITAL KYPHOSIS WITH RAPID PROGRESSION IN ADOLESCENCE: A CASE REPORT**
Baymurat A. C.
MedFORT 2023 İZMİR KONGRESİ Akdeniz Ortopedi ve Travmatoloji Federasyonu, İzmir, Turkey, 16 - 17 September 2023

IV. **Treatment Options for Early-Onset Scoliosis**
BAYMURAT A. C.
Republican Scientific and Practical Conference " Innovations in Traumatology and Orthopedics", Astana, Kazakhstan, 27 - 28 July 2023, vol.68

V. **COMPARISON OF THE RESULTS OF PROXIMAL FEMORAL NAIL AND DYNAMIC HIP SCREW FIXATION IN THE SURGERY OF PERTROCHANTERIC FRACTURES OF THE FEMUR**
BAYMURAT A. C.
Republican Scientific and Practical Conference " Innovations in Traumatology and Orthopedics", Astana, Kazakhstan, 27 - 28 July 2023, vol.68, pp.28

VI. **COMPARISON OF THE CLINICAL AND RADIOLOGIC OUTCOMES OF PATIENTS WITH LENKE TYPE 5 AND 6 AIS TREATED SURGICALLY AND WITH L3 AND L4 AS THE LOWEST INSTRUMENTED VERTEBRA**
BAYMURAT A. C., TOKGÖZ M. A., TOSUN M. F., CAN M. M., ÇETİNKAYA M., DALDAL İ., ŞENKÖYLÜ A.
XV. Uluslararası Türk Omurga Kongresi, İzmir, Turkey, 24 - 27 May 2023, vol.35, pp.15-16

VII. **Intermittent pedicle screw constructs provide better kyphosis restoration in Lenke type 1 curves**
BAYMURAT A. C., YAPAR A., KILIÇASLAN Ö. F., TOKGÖZ M. A., Selçuk H., YAŞ S., ŞENKÖYLÜ A.
Global Spine Congress 2023, Prag, Czech Republic, 31 May 2023, vol.13, pp.102-103

VIII. **Should Pelvic Fixation Be İncluded İn The Surgical Treatment Of Neuromuscular Scoliosis?**
BAYMURAT A. C., YAPAR A., TOKGÖZ M. A., KILIÇASLAN Ö. F., YAŞ S., YILMAZ B. K., ŞENKÖYLÜ A.
XV. Uluslararası Türk Omurga Kongresi, İzmir, Turkey, 24 - 27 May 2023, pp.48-49

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ATALAR H., BAYMURAT A. C., KAYA İ., TOKGÖZ M. A., TOLUNAY T., ARIKAN Ş. M.
31. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, 25 - 30 October 2022

X. **DONUK OMUZ HASTALARININ AYRICI TANISINDA İNFLAMATUAR BELİRTEÇLERİN ÖNEMİ VAR MI?**
TOKGÖZ M. A., BAYMURAT A. C., TOSUN M. F., YAŞ S., CAN M. M., KANATLI U.
31. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 25 October 2022

XI. **Perioperative Management in Terms of Hemothorax Caused by Posterior Correction Surgery in Children**
KAPISIZ A., KAYA C., BAYMURAT A. C., KARABULUT R.

9th International Hippocrates Congress on Medical and Health Sciences, Turkey, 9 - 10 October 2022, vol.1, pp.320-321

XII. **FLEKSÖR HALLUSİS LONGUS OLUK MORFOLOJİSİNİN TENDON PATOLOJİLERİ ÜZERİNE ETKİSİ VAR MI?**
Tokgöz M. A., Yeşilli M. E., Baymurat A. C., Ergişi Y., Ataoğlu M. B., Kanatlı U.
Kemik eklem 2022, Girne, Cyprus (Kktc), 28 September 2022

XIII. **Approach to spinal fractures, Spondylolisthesis**
BAYMURAT A. C.
Horizon of modern traumatology and orthopedics, Turkistan, Kazakhstan, 15 September 2022

XIV. **OXFORD MEDİAL UNİKONDİLER DİZ ARTROPLASTİSİ YAPILAN HASTALARIN FONKSİYONEL SKORLARININ VE PROTEZ SAĞ KALIMININ ORTA DÖNEM SONUÇLARI**
YAŞ S., OKLAZ E. B., BİRCAN R., ÖZEL T., BAYMURAT A. C., ÇAVUŞOĞLU A. T.
3. Türk Dünyası Ortopedi ve Travmatoloji Kongresi, 08 June 2022

XV. **DİZ ARTROPLASTİSİ SONRASI POLİETİLEN AŞINMASINA BAĞLI CİDDİ OTEOLİZİS: OLGU SUNUMU**
Baymurat A. C., Tokgöz M. A., Atalar H.
3. Türk Dünyası Ortopedi ve Travmatoloji Kongresi, Sarajevo, Bosnia And Herzegovina, 08 June 2022

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FANID M. A., YAPAR D., YAPAR A., DALDAL İ., ÇETİNKAYA M., BAYMURAT A. C., ŞENKÖYLÜ A.
14. INTERNATIONAL SPINE CONGRESS, İzmir, Turkey, 25 - 28 May 2022, pp.149-150

XVII. **EFFECT OF THE BRACE ON APICAL VERTEBRA IN ADOLESCENT IDIOPATHIC SCOLIOSIS**
BAYMURAT A. C., DALDAL İ., TOKGÖZ M. A., Yılmaz B. K., ŞENKÖYLÜ A.
14. ULUSLARARASI TÜRK OMURGA KONGRESİ, İzmir, Turkey, 25 - 28 May 2022

XVIII. **FLUOROSCOPICALLY GUIDED COMBINED CAUDAL EPIDURAL AND TRANSFORAMINAL INJECTIONS: CAN LONG-TERM PAIN RELIEF BE ACHIEVED WITH A SYNERGISTIC EFFECT?**
Daldal I., Şenköylü A., Arık A., Baymurat A. C., Kurtoğlu A.
XIV ULUSLARARASI TÜRK OMURGA KONGRESİ, İzmir, Turkey, 25 - 27 May 2022, pp.450-451

XIX. **Büyük Yumuşak Doku Komponentli L1 Vertebranın Dev Hücreli Tümörü: Olgu Sunumu**
Baymurat A. C., Daldal I., Yılmaz B. K., Tokgöz N., Ataoğlu Ö., Şenköylü A.
XIV ULUSLARARASI TÜRK OMURGA KONGRESİ, İzmir, Turkey, 25 - 27 May 2022, pp.1-2

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Baymurat A. C., Yapar A., Kılıçaslan Ö. F., Tokgöz M. A., Selçuk H., Yaş S., Şenköylü A.
14. Uluslararası Türk Omurga Kongresi, İzmir, Turkey, 25 May 2022

XXI. **USING PROXIMAL HOOKS AS A SOFT-LANDING STRATEGY FOR PREVENTION OF PROXIMAL JUNCTIONAL KYPHOSIS IN THE SURGICAL TREATMENT OF SCHEUERMANN'S KYPHOSIS**
Baymurat A. C., Yapar A., Tokgöz M. A., Daldal İ., Akcan Y. O., Şenköylü A.
14. INTERNATIONAL SPINE CONGRESS, İzmir, Turkey, 25 - 28 May 2022, pp.147-148

XXII. **Lenke tip 5 adolesan idiyopatik skolyoz tedavisinde selektif posterior lomber füzyon: Klinik ve radyolojik sonuçlar**
KAYA Ö., KAHRAMAN S., BAYMURAT A. C., ÖK N., Şanlı T., UÇAR B. Y., ENERCAN M., Hamzaoğlu A.
26. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 25 October 2016

XXIII. **Pedikül substraksiyon osteotomisi ve multırod uygulanmış hastalar ile pedikül substraksiyon osteotomisi, dual rod ve interbody füzyon uygulanmış hastaların karşılaştırılması**
KAYA Ö., KAHRAMAN S., KARADERELER S., ÖK N., BAYMURAT A. C., Şanlı T., UÇAR B. Y., ENERCAN M., Hamzaoğlu A.
26. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 25 October 2016

XXIV. **Adolesan idiyopatik skolyozda eğriliğin fleksibilitesini değerlendirmede bending, Fulkrum ve TrUGA'nın karşılaştırılması**
KAYA Ö., KAHRAMAN S., ÖK N., BAYMURAT A. C., ULUSOY O. L., Şanlı T., UÇAR B. Y., ENERCAN M., Hamzaoğlu A.
26. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 25 October 2016, pp.66

XXV. **2016/SB186 Erişkinlerde nörolojik defisitin eşlik ettiği ihmal edilmiş dorsal hemivertebraya bağlı**

keskin açılı kifozun cerrahi tedavisi: Modifiye PVCR tekniği sonuçları
KAHRAMAN S., KAYA Ö., KARADERELER S., BAYMURAT A. C., ÖK N., UÇAR B. Y., ENERCAN M., Hamzaoğlu A.
26. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 25 October 2016, vol.50, pp.1-264

XXVI. **2016/SB176 Scheuermann kifozunun tedavisi sonrası füzyona katılmayan lomber segmentte faset ve disk dejenerasyonun değerlendirilmesi: MRI çalışması**
KAHRAMAN S., KAYA Ö., ULUSOY O. L., MUTLU A., ÖK N., BAYMURAT A. C., Şanlı T., UÇAR B. Y., ENERCAN M., Hamzaoğlu A.
26. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 25 October 2016, vol.50, pp.1-264

Scientific Refereeing

WORLD NEUROSURGERY, SCI Journal, November 2022
WORLD NEUROSURGERY, SCI Journal, October 2022
WORLD NEUROSURGERY, SCI Journal, September 2022
JOURNAL OF ORTHOPAEDIC SURGERY, SCI Journal, August 2022
JOURNAL OF ORTHOPAEDIC SURGERY, SCI Journal, August 2022
WORLD NEUROSURGERY, SCI Journal, June 2022
WORLD NEUROSURGERY, SCI Journal, May 2022
JOURNAL OF ORTHOPAEDIC SURGERY, SCI Journal, April 2022
JOURNAL OF ORTHOPAEDIC SURGERY, SCI Journal, April 2022

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