

## Prof. Dr. Ahmet ALANAY

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: D-7634-2015

Yoksis Araştırmacı ID: 201733

### Biyografi

Ahmet Alanay MD is a spine surgeon treating both adult and pediatric spinal disorders. He graduated from Ankara University Faculty of Medicine in 1988. He completed his residency in Hacettepe University, Department of Orthopedics and Traumatology from 1991 to 1996. He started his career as an assistant professor in the same department and became an associate professor in 2002 and a professor in 2007. He also completed a fellowship program on spinal deformities at University of Kansas Medical Center and was a visiting professor from 2005 to 2006 in UCLA School of Medicine.

Dr. Alanay established the Comprehensive Spine Center at Acibadem Maslak Hospital in 2013. Since then, he is the medical director of the center and is also a faculty member at Acibadem University School of Medicine. Each year, with his team, he treats over 2500 outpatients, operates approximately 200 patients and publishes more than 20 peer-reviewed publications in high-ranking international journals along with numerous national and international presentations at scientific meetings.

Dr. Alanay is an active member of medical associations including American Academy of Orthopaedic Surgeons, Scoliosis Research Society, North American Spine Society, Spine Society of Europe and many others. He was a member of the Board of Directors of Scoliosis Research Society between 2014 and 2016, where he still serves in the Education Committee and Safety & Value Committee. He was also in the executive committee of Spine Society of Europe between 2006 and 2012.

Dr. Alanay has been the pioneer of Vertebral Body Tethering surgery in Europe and has received many national and international honors and awards for his scientific studies. He personally contributes to the training of surgeons through the courses he organizes in all around the world.

He has been a founding member of the European Spine Study Group.

He is the President Elect of Eurospine.

## Eđitim Bilgileri

Tıpta Uzmanlık, Hacettepe Üniversitesi, Tıp Fakóltesi, Cerrahi Tıp Bilimleri Bölümü, Türkiye 1991 - 1996  
Lisans, Ankara Üniversitesi, Tıp Fakóltesi, Türkiye 1982 - 1988

## Yabancı Diller

Almanca, A1 Başlangıç  
İngilizce, C1 İleri

## Araştırma Alanları

Tıp, Sağlık Bilimleri, Cerrahi Tıp Bilimleri, Ortopedi ve Travmatoloji

## Akademik Unvanlar / Görevler

Prof. Dr., Acıbadem Mehmet Ali Aydınlar Üniversitesi, Tıp Fakóltesi, Cerrahi Tıp Bilimleri Bölümü, 2014 - Devam Ediyor

## Verdiği Dersler

### Lisans

Ortopedi & FTR Vaka tartışma dersleri, Lisans, 2021 - 2022

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Opioid Use Prior to Adult Spine Deformity Correction Surgery is Associated With Worse Pre- and Postoperative Back Pain and Prolonged Opioid Demands**  
Sardi J. P., Smith J. S., Gum J. L., Rocos B., Charalampidis A., Lenke L. G., Shaffrey C. I., Cheung K. M. C., Qiu Y., Matsuyama Y., et al.  
GLOBAL SPINE JOURNAL, cilt.15, sa.3, ss.1749-1759, 2025 (SCI-Expanded)
- II. Long-term mechanical failure in well aligned adult spinal deformity patients**  
Haddad S., YILGÖR İ. Ç., Jacobs E., Vila L., Nunez-Pereira S., Valencia M. R., Pupak A., Barcheni M., Pizones J., ALANAY A., et al.  
SPINE JOURNAL, cilt.25, sa.2, ss.337-346, 2025 (SCI-Expanded)
- III. A comparative analysis of axial and appendicular skeletal maturity staging systems through assessment of longitudinal growth and curve modulation after VBT surgery**  
YUCEKUL A., YILGÖR İ. Ç., Demirci N., Gurel I. E., Orhun O., Karaman M. I., Durbas A., Lim H. S., Zulemyan T., YAVUZ Y., et al.  
EUROPEAN SPINE JOURNAL, sa.1, ss.251-262, 2025 (SCI-Expanded)
- IV. Influence of implant density on mechanical complications in adult spinal deformity surgery**  
Charles Y. P., Severac F., Nunez-Pereira S., Haddad S., Vila L., Pellise F., Obeid I., Boissiere L., YILGÖR İ. Ç., YUCEKUL A., et al.  
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- V. Independent Prognostic Factors Associated With Improved Patient-Reported Outcomes in the**

### **Prospective Evaluation of Elderly Deformity Surgery (PEEDS) Study**

Hassan F. G., Lenke L. H., Berven S. P., Kelly M. S., Smith J. I., Shaffrey C. T., Dahl B., de Kleuver M., Spruit M., Pellise F., et al.

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- VI. **The Influence of Multilevel Spinal Deformity Surgery on the EuroQol 5 Dimensions' (EQ-5D) Questionnaire and Residential Status in the Elderly: A Prospective, Observational, Multicenter Study**  
Jentzsch T., Lewis S. J., Oitment C., Rienmueller A., Martin A. R., Nielsen C. J., Shear-Yashuv H., de Kleuver M., Qiu Y., Matsuyama Y., et al.  
GLOBAL SPINE JOURNAL, cilt.14, sa.7, ss.1978-1989, 2024 (SCI-Expanded)
- VII. **Primary Pelvic Anteversion: Definition, Relevance, and History After Surgery for Adult Spine Deformity**  
Baroncini A., Boissiere L., YILGÖR İ. Ç., Larrieu D., ALANAY A., Pellise F., Kleinstueck F., Pizones J., Charles Y. P., Roscop C., et al.  
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- VIII. **Calculation of the minimal clinically important difference in operated patients with adult spine deformity: advantages of the ROC method and significance of prevalence in threshold selection**  
Larrieu D., Baroncini A., Bourghli A., Pizones J., Kleinstueck F. S., ALANAY A., Pellise F., Charles Y. P., Boissiere L., Obeid I.  
EUROPEAN SPINE JOURNAL, cilt.33, sa.7, ss.2794-2803, 2024 (SCI-Expanded)
- IX. **Proximal junctional kyphosis after adult spinal deformity operated patients with long fusion to the pelvis. Does the type of proximal anchor matter?**  
Bourghli A., Boissiere L., Larrieu D., Pizones J., ALANAY A., Pellise F., Kleinstueck F., Obeid I.  
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- X. **Sagittal alignment of diverse mechanical complications following adult spinal deformity surgery**  
Pan C., Bourghli A., Larrieu D., Boissiere L., Pizones J., ALANAY A., Peliise F., Kleinstuck F., Obeid I.  
EUROPEAN SPINE JOURNAL, cilt.33, sa.5, ss.1857-1867, 2024 (SCI-Expanded)
- XI. **The Impact of Unplanned Reoperation Following Adult Spinal Deformity Surgery: A Prospective Longitudinal Cohort Study with 5-Year Follow-up**  
Pellisé F., Bayo M. C., Ruiz De Villa A., Núñez-Pereira S., Haddad S., Barcheni M., Pizones J., Valencia M. R., Obeid I., ALANAY A., et al.  
Journal of Bone and Joint Surgery, cilt.106, sa.8, ss.681-689, 2024 (SCI-Expanded)
- XII. **Reliability of a New Digital Tool for Photographic Analysis in Quantifying Body Asymmetry in Scoliosis**  
Pizones J., Moreno-Manzanaro L., Pupak A., Nunez-Pereira S., Larrieu D., Boissiere L., Richner-Wunderlin S., Loibl M., Zulemyan T., YUCEKUL A., et al.  
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- XIII. **Incidence of Tether Breakage in Anterior Vertebral Body Tethering**  
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- XIV. **Post-operative bracing following adult spine deformity surgery: Results from the AO Spine surveillance of post-operative management of patients with adult spine deformity**  
Kato S., Smith J. S., Driesman D., Shaffrey C. I., Lenke L. G., Lewis S. J., ALANAY A., Theologis A., Charalampidis A., Luis A., et al.  
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- XV. **Long-Term Loss of Alignment Following ASD Surgery in the Absence of Mechanical Complications: Aging Spine?**  
Haddad S., Jacobs E., Núñez Pereira S., Ruiz De Villa A., Pupak A., Barcheni M., Ramírez Valencia M., Pizones J., Kleinstück F. S., Pérez Grueso F. S., et al.  
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- XVI. **Comparison of Patients with and without Predicted Surgical Indication between Clusters of Adult**

### **Spine Deformity (ASD) Patients**

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- XVII. **Rod Angulation Relationship with Thoracic Kyphosis after Adolescent Idiopathic Scoliosis Posterior Instrumentation**  
Boissiere L, Bourghli A, Guevara-Villazon F, Pellise F, ALANAY A, Kleinstueck F, Pizones J, Roscop C, Larrieu D, Obeid I.  
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- XVIII. **Cost Benefit of Implementation of Risk Stratification Models for Adult Spinal Deformity Surgery**  
Passias P. G., Williamson T. K., Kummer N. A., Pellise F., Lafage V., Lafage R., Serra-Burriel M., Smith J. S., Line B., Vira S., et al.  
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- XIX. **Fixed coronal malalignment (CM) in the lumbar spine independently impacts disability in adult spinal deformity (ASD) patients when considering the obeid-CM (O-CM) classification**  
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- XX. **Relationship between pelvic incidence-adjusted relative spinopelvic parameters, global sagittal alignment and lower extremity compensations**  
Yucekul A, Ozpinar A, Kilickan F. D. B., Dalla M., Muthiah N., Zulemyan T., Yavuz Y., Pizones J, Obeid I, Kleinstück F., et al.  
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- XXI. **Rod angulation does not reflect sagittal curvature in adult spinal deformity surgery: comparison of lumbar lordosis and rod contouring**  
Boissiere L, Guevara-villazon F, Bourghli A, Abdallah R, Pellise F, Pizones J, ALANAY A, Kleinstueck F, Larrieu D, Obeid I.  
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- XXII. **Adherence to the Obeid coronal malalignment classification and a residual malalignment below 20 mm can improve surgical outcomes in adult spine deformity surgery**  
Baroncini A, Frechon P, Bourghli A. S., Smith J, Larrieu D, Pellise F, Pizones J, Kleinstueck F, ALANAY A, Kieser D. T., et al.  
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- XXIII. **AO Spine Adult Spinal Deformity Patient Profile: A Paradigm Shift in Comprehensive Patient Evaluation in Order to Optimize Treatment and Improve Patient Care**  
Naresh-Babu J, Kwan K. Y. H., Wu Y., YILGÖR İ. Ç., ALANAY A., Cheung K. M. C., Polly D. W., Park J., Ito M., Lenke L. G., et al.  
GLOBAL SPINE JOURNAL, cilt.13, sa.6, ss.1490-1501, 2023 (SCI-Expanded)
- XXIV. **Comparison of Overall Complication Rates in VCR-Based vs Non-VCR-Based Corrective Techniques in Severe Rigid Kyphoscoliosis Patients: A Systematic Review and Meta-Analysis**  
Van Halm-Lutterodt N. I., Al-Saidi N. N., Mandalia K., Mesregah M. K., Ghanem K. M., Storlie N. R., Huang W., Chen W., Bartels-Mensah M., Chen X. Y., et al.  
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- XXV. **Sagittal realignment: surgical restoration of the global alignment and proportion score parameters: a subgroup analysis. What are the consequences of failing to realign?**  
Raganato R, Pizones J, YILGÖR İ. Ç., Moreno-Manzanaro L., Vila-Casademunt A, Sanchez-Marquez J. M., Fernandez-Baillo N, Perez-Grueso F. J. S., Kleinstuck F, ALANAY A., et al.  
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- XXVI. **Revision surgery following long lumbopelvic constructs for adult spinal deformity: prospective experience from two dedicated databases**  
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- XXVII. **Does the use of postoperative brace help preventing mechanical complications following adult deformity surgery?**  
Pizones J, Boissiere L, Moreno-Manzanaro L, Vila-Casademunt A, Perez-Grueso F. J. S., Sanchez-Marquez J. M., Fernandez Baillo N, Kleinstuck F., ALANAY A, Pellise F., et al.  
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- XXVIII. **Association between sagittal alignment and loads at the adjacent segment in the fused spine: a combined clinical and musculoskeletal modeling study of 205 patients with adult spinal deformity**  
Ignasiak D, Behm P, Mannion A. F., Galbusera F, Kleinstuck F, Fekete T. F., Haschtmann D, Jeszenszky D, Zimmermann L, Richner-Wunderlin S., et al.  
EUROPEAN SPINE JOURNAL, cilt.32, sa.2, ss.571-583, 2023 (SCI-Expanded)
- XXIX. **Long-term opioid medication profile of European adult spinal deformity patients: minimum five years follow-up study**  
Abul K, Yilgor C, Yucekul A, Alanay N. A., Yavuz Y., Zulemyan T, Boissiere L, Bourghli A, Obeid I, Pizones J., et al.  
Spine Journal, cilt.23, sa.2, ss.209-218, 2023 (SCI-Expanded)
- XXX. **Operative differences for posterior spinal fusion after vertebral body tethering: Are we fusing more levels in the end?**  
Boeyer M, Groneck A, ALANAY A, Neal K, Larson A. N., Parent S, Newton P., Miyajni F, Haber L, Harms Study Grp D. G., et al.  
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- XXXI. **Anterior Vertebral Body Tethering Compared with Posterior Spinal Fusion for Major Thoracic Curves A Retrospective Comparison by the Harms Study Group**  
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- XXXII. **Surgical site infection is a major risk factor of pseudarthrosis in adult spinal deformity surgery**  
Boishardy A, Bouyer B, Boissière L, Larrieu D, Pereira S. N., Kieser D., Pellisé F, ALANAY A, Kleinstuck F, Pizones J., et al.  
Spine Journal, cilt.22, sa.12, ss.2059-2065, 2022 (SCI-Expanded)
- XXXIII. **Development of a mapping function ("crosswalk") for the conversion of scores between the Oswestry Disability Index (ODI) and the Core Outcome Measures Index (COMI)**  
Mannion A. F., Elfering A, Fekete T. F., Pizones J, Pellise F, Pearson A. M., Lurie J. D., Porchet F., Aghayev E., Vila-Casademunt A., et al.  
EUROPEAN SPINE JOURNAL, cilt.31, sa.12, ss.3337-3346, 2022 (SCI-Expanded)
- XXXIV. **Prevalence of benign bone lesions of the lower extremity in the pediatric spinal disorders: a whole-body imaging study**  
Yucekul A, Karayutug K, Bakircioglu S, Zulemyan T, Sirin B. K., Karaarslan E., Yilgor C., Alanay A.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B, cilt.31, sa.6, ss.583-590, 2022 (SCI-Expanded)
- XXXV. **Spontaneous Lumbar Curve Correction Following Vertebral Body Tethering of Main Thoracic Curves**  
Catanzano A. A., Newton P. O., Bastrom T. P., Bartley C. E., Parent S, Miyajni F, Hoernschemeyer D. G., ALANAY A, Blakemore L, Neal K., et al.  
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, cilt.104, sa.18, ss.1629-1638, 2022 (SCI-Expanded)
- XXXVI. **Domino connector is an efficient tool to improve lumbar lordosis correction angle after pedicle subtraction osteotomy for adult spinal deformity**  
Bourghli A, Boissiere L, Cawley D, Larrieu D, Pizones J, ALANAY A, Pellise F, Kleinstueck F, Obeid I.  
EUROPEAN SPINE JOURNAL, cilt.31, sa.9, ss.2408-2414, 2022 (SCI-Expanded)
- XXXVII. **Combined anterior-posterior versus all-posterior approaches for adult spinal deformity correction: a matched control study**  
Haddad S, Vila-Casademunt A, YILGÖR İ. Ç., Nunez-Pereira S, Ramirez M, Pizones J, ALANAY A, Kleinstuck F, Obeid I, Sanchez Perez-Grueso F. J., et al.  
EUROPEAN SPINE JOURNAL, cilt.31, sa.7, ss.1754-1764, 2022 (SCI-Expanded)
- XXXVIII. **Comparison of short versus long fusion in the treatment of adult lumbar spinal deformity: surgical,**

**radiographic and patient-reported outcomes.**

Kleinstück F. S., Richner-Wunderlin S., Vila-Casademunt A., de Villa A. R., Loibl M., ALANAY A., Pellise F., Perez-Grueso F. S., Pizones J.

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- XXXIX. **Impact of radiologic variables on item responses of ODI, SRS22 and SF-36. in adult spinal deformity patients: differential item functioning (DIF) analysis results from a multi-center database**  
Kieser D., YÜKSEL S., Boissiere L., Yilgor C., Cawley D., Hayashi K., ALANAY A., Kleinstueck F., Pellise F., Perez-Grueso F., et al.  
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- XL. **Surgeons' risk perception in ASD surgery: The value of objective risk assessment on decision making and patient counselling**  
Pellise F., Vila-Casademunt A., Nunez-Pereira S., Haddad S., Smith J. S., Kelly M. P., ALANAY A., Shaffrey C., Pizones J., YILGÖR İ. Ç., et al.  
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- XLI. **A Review on Cutaneous and Musculoskeletal Manifestations of CLOVES Syndrome.**  
Öztürk Durmaz E., Demircioğlu D., Dikmen P., Alanay Y., Alanay A., Demirkesen C., Tokat F., Karaarslan E.  
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- XLII. **Quality metrics in adult spinal deformity surgery over the last decade: a combined analysis of the largest prospective multicenter data sets.**  
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- XLIII. **Compensatory mechanisms recruited against proximal junctional kyphosis by patients instrumented from the thoracolumbar junction to the iliac**  
Pizones J., Perez-Grueso F. J. S., Moreno-Manzanaro L., Escámez F., Yilgor C., Vila-Casademunt A., Fernández-Baíllo N., Sánchez-Márquez J. M., Obeid I., Kleinstück F., et al.  
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- XLIV. **Multiple-Rod Constructs Do Not Reduce Pseudarthrosis and Rod Fracture After Pedicle Subtraction Osteotomy for Adult Spinal Deformity Correction but Improve Quality of Life.**  
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- XLV. **Does vertebral body tethering cause disc and facet joint degeneration? A preliminary MRI study with minimum two years follow-up**  
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- XLVI. **Stratifying outcome based on the Oswestry Disability Index for operative treatment of adult spinal deformity on patients 60 years of age or older: a multicenter, multi-continental study on Prospective Evaluation of Elderly Deformity Surgery (PEEDS).**  
Nielsen C. J., Lewis S. J., Oitment C., Martin A. R., Lenke L. G., Qiu Y., Cheung K. M., de Kleuver M., Polly D. W., Shaffrey C. I., et al.  
The spine journal : official journal of the North American Spine Society, cilt.21, sa.11, ss.1775-1783, 2021 (SCI-Expanded)
- XLVII. **Obeid-Coronal Malalignment Classification Is Age Related and Independently Associated to Personal Reported Outcome Measurement Scores in the Nonfused Spine**  
Kieser D. C., Boissiere L., Bourghli A., Hayashi K., Cawley D., YILGÖR İ. Ç., ALANAY A., Acaroglu E., Kleinstueck F., Pizones J., et al.  
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- XLVIII. **Evaluation of Global Alignment and Proportion Score in an Independent Database.**  
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- XLIX. The Impact of Corrective Surgery on Health-Related Quality of Life Subclasses in Adult Scoliosis: Will Degree of Correction Prognosticate Degree of Improvement?**  
Cawley D. T., Takemoto M., Boissiere L., Larrieu D., Kieser D. C., Fujishiro T., Hayashi K., Bourghli A., Yilgor C., Alanay A., et al.  
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, cilt.30, ss.2033-2039, 2021 (SCI-Expanded)
- L. How frequent should the radiographic examination be to monitor magnetically controlled growing rods? A retrospective look two to seven years postoperatively**  
YUCEKUL A., Tanriover H., Abul K., Ahmed A., Zulemyan T., Yilgor C., ALANAY A.  
EUROPEAN SPINE JOURNAL, cilt.30, sa.7, ss.1912-1919, 2021 (SCI-Expanded)
- LI. The dynamics of satisfaction in surgical and non-surgical adult spinal deformity patients**  
Nunez-Pereira S., Serra-Burriel M., Vila-Casademunt A., Hayashi K., Haddad S., Pizones J., Kleinstueck F., Obeid I., ALANAY A., Pellise F.  
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- LII. Prediction of satisfaction after correction surgery for adult spinal deformity: differences between younger and older patients**  
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- LIII. Thoracoscopic Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Follow-up Curve Behavior According to Sanders Skeletal Maturity Staging.**  
Alanay A., Yucekul A., Abul K., Ergene G., Senay S., Ay B., Cebeci B., Dikmen P., Zulemyan T., Yavuz Y., et al.  
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- LIV. Clinical Performance and Concurrent Validity of the Adult Spinal Deformity Surgical Decision-making Score**  
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- LV. What level of symptoms are patients with adult spinal deformity prepared to live with? A cross-sectional analysis of the 12-month follow-up data from 1043 patients.**  
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- LII. Behavior of  $\geq 30^\circ$  Upper Thoracic Curves After Thoracoscopic VBT for Main Thoracic Curves: A Matched Cohort Analysis**  
Alanay A., Yılgör İ. Ç., Yucekul A., Ergene G., Senay S., Yalinay Dikmen P.  
14th International Turkish Spine Congress, İzmir, Türkiye, 25 - 28 Mayıs 2022, (Yayınlanmadı)
- LIII. Defining Different Distal Adding-On Patterns After Thoracic-only Vertebral Body Tethering**  
Alanay A., Yılgör İ. Ç., Yucekul A., Ergene G., Senay S., Yalinay Dikmen P.  
14th International Turkish Spine Congress, İzmir, Türkiye, 25 Mayıs 2022 - 28 Mayıs 2023, (Yayınlanmadı)
- LIV. Association between Sagittal Alignment and Adjacent Segment Loading as Predicted by Patient-Specific Musculoskeletal Simulations**  
Alanay A., Yılgör İ. Ç.  
14th International Turkish Spine Congress, İzmir, Türkiye, 25 - 28 Mayıs 2022, (Yayınlanmadı)
- LV. Loads at adjacent segment level before and after surgery: Combined clinical and simulation study of 205 adult spinal deformity patients**  
Alanay A., Yılgör İ. Ç.  
14th International Turkish Spine Congress, İzmir, Türkiye, 25 - 28 Mayıs 2022, (Yayınlanmadı)
- LVI. Does Vertebral Body Tethering Cause Disc and Facet Joint Degeneration? An MRI Study with Minimum 2-Years Follow-Up**  
Alanay A., Yucekul A., Yılgör İ. Ç., Ergene G., Senay S., Yalinay Dikmen P.  
14th International Turkish Spine Congress, İzmir, Türkiye, 25 - 28 Mayıs 2022, (Yayınlanmadı)
- LVII. 9. Is VBT Safe and Effective for  $\geq 60^\circ$  Main Thoracic Curves? A Matched Cohort Analysis**  
Alanay A., Yılgör İ. Ç.  
b. 14th International Turkish Spine Congress, İzmir, Türkiye, 25 - 28 Mayıs 2022, (Yayınlanmadı)
- LVIII. Comparison of Rasterstereography and Radiographic Measurements in Coronal Plane Deformities**  
Alanay A., Yılgör İ. Ç., Yucekul A., Bayramoğlu M.  
14th International Turkish Spine Congress, İzmir, Türkiye, 25 - 28 Mayıs 2022, (Yayınlanmadı)
- LIX. Defining Different Distal Adding-On Patterns After Thoracic-only Vertebral Body Tethering**  
Alanay A., Yılgör İ. Ç., Yucekul A., Ergene G., Senay S., Yalinay Dikmen P.  
IMAST 2022 , Florida, Amerika Birleşik Devletleri, 6 - 09 Nisan 2022, ss.41, (Özet Bildiri)
- LX. Segmental Correction Technique Results in Earlier Tether Breakage Compared to Global Correction Technique: A Matched Cohort Analysis**  
Alanay A., Yılgör İ. Ç., Yucekul A., Ergene G., Senay S., Yalinay Dikmen P.  
IMAST 2022, Florida, Amerika Birleşik Devletleri, 6 - 09 Nisan 2022, ss.42, (Özet Bildiri)
- LXI. Avrupa erişkin omurga deformite hastalarının analjezik ve opioid ilaç kullanım profili: En az 5 yıl takip çalışması**  
Yılgör İ. Ç., Yucekul A., Zulemyan T., Yavuz Y., Boissiere L., Obeid I., Pizones J., Kleinstueck F., Perez-Grueso F. J. S., Pellisé F., et al.  
30. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Türkiye, 09 Kasım 2021, cilt.55, ss.72, (Özet Bildiri)
- LXII. ERİŞKİN OMURGA DEFORMİTESİ AMELİYATI İLE ÇALIŞMA HAYATI, HASTALIK İZİNİ, İŞE DÖNÜŞ VE ERKEN EMEKLİLİK ARASINDAKİ İLİŞKİ: EN AZ 5 YIL TAKİP ÇALIŞMASI**  
Alanay A., Yılgör İ. Ç., Yucekul A.

30. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Türkiye, 9 - 14 Kasım 2021, (Yayınlanmadı)
- LXIII. **TORAKOSKOPIK BANT İLE GERDİRME (VBT) AMELİYATI AKCİĞER FONKSİYONUNU AZALTIR MI? ARTIRIR MI?**  
Alanay A., Yılgör İ. Ç., Yuçekul A., Ergene G., Senay S.  
30. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Türkiye, 9 - 14 Kasım 2021, (Yayınlanmadı)
- LXIV. **TORAKOSKOPIK BANT İLE GERDİRME (VBT) AMELİYATININ 2 İLA 5 YILLIK TAKİP SONUÇLARI: TEK CERRAHA AİT DENEYİM**  
Alanay A., Yılgör İ. Ç., Yuçekul A., Senay S., Yalınay Dikmen P., Ergene G.  
30. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Türkiye, 9 - 14 Kasım 2021, (Yayınlanmadı)
- LXV. **TAMAMLAYICI GÖRÜNTÜLEME YÖNTEMİ: RASTERSTEREOGRAFINİN KULLANILABİLİRLİĞİ VE RADYOGRAFİ İLE VALİDASYONU**  
Alanay A., Yılgör İ. Ç., Yuçekul A., Bayramoğlu M.  
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- LXVI. **BANT İLE GERDİRME YÖNTEMİ (VBT) DİSK VE FASET EKLEM DEJENERASYONUNA SEBEP OLUR MU? EN AZ 2-YIL TAKİPLİ MRI ÇALIŞMASI**  
Alanay A., Yılgör İ. Ç., Yuçekul A., Ergene G., Senay S., Karaarslan E., Yalınay Dikmen P.  
30. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Türkiye, 9 - 14 Kasım 2021, (Yayınlanmadı)
- LXVII. **Does vertebral body tethering cause disc and facet joint degeneration? An MRI study with minimum 2-years follow-up**  
Yuçekul A., Akpunarlı B., Durbas A., Zulemyan T., Havlucu I., Ergene G., Senay S., Yalınay Dikmen P., Turgut Balcı Ş., Karaarslan E., et al.  
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- LXVIII. **COMPARATIVE EFFECTIVENESS OF ANTERIOR INTERBODY FUSION VERSUS POSTERIOR INTERBODY FUSION IN PATIENTS UNDERGOING SURGERY FOR ASD: A PROPENSITY SCORE BASED ANALYSIS**  
Alanay A.  
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- LXIX. **A NOVEL GROWTH MODULATION SCALE TO PREDICT CURVE BEHAVIOR AFTER VERTEBRAL BODY TETHERING**  
Alanay A., Yılgör İ. Ç., Yuçekul A.  
Eurospine, Vienna, Avusturya, 6 - 08 Ekim 2021, (Yayınlanmadı)
- LXX. **GAIN IN HRQL AFTER ASD SURGERY IS MAINTAINED BETWEEN 2 AND 5 YEARS' FOLLOW-UP. RESULTS FROM A PROSPECTIVE MULTICENTRE OBSERVATIONAL COHORT STUDY**  
Alanay A.  
Eursopine, Vienna, Avusturya, 6 - 08 Ekim 2021, (Yayınlanmadı)
- LXXI. **IS VBT SAFE AND EFFECTIVE FOR 60° MAIN THORACIC CURVES? A MATCHED COHORT ANALYSIS**  
Alanay A., Yılgör İ. Ç.  
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- LXXII. **COMPENSATORY MECHANISMS RECRUITED AGAINST PROXIMAL JUNCTIONAL KYPHOSIS BY PATIENTS INSTRUMENTED FROM THE THORACOLUMBAR JUNCTION TO THE ILIAC**  
Alanay A.  
Eursopine, Vienna, Avusturya, 6 - 08 Ekim 2021, (Yayınlanmadı)
- LXXIII. **Is thoracoscopic VBT a pulmonary function declining or improving surgery?**  
Yılgör İ. Ç., Akpunarlı B., Yuçekul A., Abul K., Kindan P., Ergene G., Senay S., Zulemyan T., Yavuz Y., Alanay A.  
EUROSPINE 2021, Vienna, Avusturya, 6 - 08 Ekim 2021, cilt.1, ss.110, (Özet Bildiri)
- LXXIV. **Analgesic and opioid medication profile of european adult spinal deformity patients: Minimum 5 years follow-up study**  
Yılgör İ. Ç., Yuçekul A., Zulemyan T., Yavuz Y., Bourghli A., Boissiere L., Obeid I., Pizones J., Kleinstueck F., Perez-Grueso F. J. S., et al.  
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- LXXV. **BEHAVIOR OF 30° UPPER THORACIC CURVES AFTER THORACOSCOPIC VBT FOR MAIN THORACIC CURVES: A MATCHED COHORT ANALYSIS**

Alanay A., Yucekul A., Yilgör I. Ç., Ergene G., Senay S., Yalinay Dikmen P.

Eurospine, Vienna, Avusturya, 6 - 08 Ekim 2021, (Yayınlanmadı)

- LXXVI. **DEVELOPMENT OF A CROSSWALK FOR THE BIDIRECTIONAL MAPPING OF TWO COMMONLY USED CONDITION-SPECIFIC PATIENT-REPORTED OUTCOME MEASURES, THE OSWESTRY DISABILITY INDEX (ODI) AND THE CORE OUTCOME MEASURES INDEX (COMI)**

Alanay A.

Eurospine, Vienna, Avusturya, 6 - 08 Ekim 2021, (Yayınlanmadı)

- LXXVII. **FIXED CORONAL MALALIGNMENT (CM) IMPACTS INDEPENDENTLY DISABILITY IN ADULT SPINAL DEFORMITY (ASD) PATIENTS WHEN CONSIDERING THE OBEID-CM (O-CM) CLASSIFICATION**

Alanay A.

Eurospine, Vienna, Avusturya, 6 - 08 Ekim 2021, (Yayınlanmadı)

- LXXVIII. **NO DIFFERENCE IN PATIENT-RATED OUTCOME AFTER SHORT VERSUS LONG FUSION SURGERY IN PATIENTS UNDERGOING LUMBAR SPINE SURGERY FOR ADULT SPINAL DEFORMITY**

Alanay A.

Eurospine, Vienna, Avusturya, 6 - 08 Ekim 2021, (Yayınlanmadı)

- LXXIX. **THE IMPACT OF UNPLANNED REINTERVENTIONS FOLLOWING ASD SURGERY**

Alanay A.

Eurospine, Vienna, Avusturya, 6 - 08 Ekim 2021, (Yayınlanmadı)

- LXXX. **THE 16-ITEM VERSION OF THE SRS-INSTRUMENT SHOWS BETTER STRUCTURAL VALIDITY THAN THE 20-ITEM VERSION IN YOUNG PATIENTS WITH SPINAL DEFORMITY**

Alanay A.

Eurospine, Vienna, Avusturya, 6 - 08 Ekim 2021, (Yayınlanmadı)

- LXXXI. **THE FATE OF THORACOLUMBAR ROTATIONAL KYPHOSIS AFTER ADULT SCOLIOSIS SURGICAL CORRECTION**

Alanay A.

Eurospine, Vienna, Avusturya, 6 - 08 Ekim 2021, (Yayınlanmadı)

- LXXXII. **RELATIONSHIP BETWEEN ADULT SPINAL DEFORMITY SURGERY AND EMPLOYMENT, SICK LEAVES, RETURN TO WORK AND EARLY RETIREMENT: MINIMUM 5 YEARS FOLLOW-UP STUDY**

Alanay A., Yilgör İ. Ç.

Eurospine, Vienna, Avusturya, 6 - 08 Ekim 2021, (Yayınlanmadı)

- LXXXIII. **Does vertebral body tethering cause disc and facet joint degeneration? An MRI study with minimum two years of follow-up**

YÜCEKUL A., Akpunarli B., Durbas A., Zulemyan T., Havlucu I., ERGENE G., Senay S., YALINAY DİKMEN P., TURGUT BALCI Ş., KARAARSLAN E., et al.

North American Spine Society 36th Annual Meeting, Boston, ABD., Amerika Birleşik Devletleri, 29 Eylül - 02 Ekim 2021, cilt.21, ss.60, (Özet Bildiri)

- LXXXIV. **The 16-Item Version of the SRS Questionnaire Shows Better Structural Validity Than the 20-Item Version in Young Patients with Spinal Deformity**

Alanay A.

SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 21 - 25 Eylül 2021, (Yayınlanmadı)

- LXXXV. **Does Vertebral Body Tethering Cause Disc and Facet Joint Degeneration? A MRI Study with Minimum 2-Years Follow-Up**

Yucekul A., Akpunarli B., Durbas A., Zulemyan T., Havlucu I., Ergene G., Senay S., Yalinay Dikmen P., Turgut Balci Ş., Karaarslan E., et al.

SRS 56th Annual Meeting - Scoliosis Research Society, Missouri, Amerika Birleşik Devletleri, 22 - 25 Eylül 2021, ss.149-150, (Özet Bildiri)

- LXXXVI. **Gain in HRQL after ASD Surgery is Maintained Between 2 and 5 Years' Follow-Up**

Alanay A.

SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 21 - 25 Eylül 2021, (Yayınlanmadı)

- LXXXVII. **Assessing Key Functional Outcomes after Multilevel Fusion for Adult Spinal Deformity in Patients Over Sixty Years of Age: A Prospective, Observational, Multicenter Study with 2-Year Follow-Up**

- Alanay A.  
SRS Annual Meeting , Missouri, Amerika Birleşik Devletleri, 21 - 25 Eylül 2021, (Yayınlanmadı)
- LXXXVIII. **Pulmonary Function in Idiopathic Scoliosis after Fusion and Non-Fusion Surgeries: A Matched Cohort Analysis**  
Alanay A., Yılgör İ. Ç.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 21 - 25 Eylül 2021, (Yayınlanmadı)
- LXXXIX. **AO Adult Spine Deformity Patient Profile: A Paradigm Shift In Comprehensive Patient Evaluation In Order To Improve Patient Care**  
Alanay A.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 21 - 25 Eylül 2021, (Yayınlanmadı)
- XC. **Adverse Events in Multilevel Surgery in Elderly Patients with Spinal Deformity: Report of the Prospective Evaluation of Elderly Deformity Surgery (PEEDS)**  
Alanay A.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 21 - 25 Eylül 2021, (Yayınlanmadı)
- XCI. **The Impact of Unplanned Reinterventions Following ASD Surgery**  
Alanay A.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 21 - 25 Eylül 2021, (Yayınlanmadı)
- XCII. **Comparative Effectiveness of Ant-IF vs. Post-IF in ASD Surgery: A Propensity Score Based Analysis**  
Alanay A.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 21 - 25 Eylül 2021, (Yayınlanmadı)
- XCIII. **Fixed Coronal Malalignment (CM) Independently Impacts Disability in Adult Spinal Deformity (ASD) Patients when Considering the Obeid-CM (O-CM) Classification**  
Alanay A.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 21 - 25 Eylül 2021, (Yayınlanmadı)
- XCIV. **Predicting Overcorrection in AVBT: Can We Improve Patient Selection?**  
Alanay A.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 22 - 25 Eylül 2021, ss.89-90, (Özet Bildiri)
- XCV. **Tether Breakage in a Mature Thoracolumbar Double Row Vertebral Body Tethering Patient**  
Alanay A., Yucekul A., Yılgör İ. Ç., Ergene G., Senay S., Yalinay Dikmen P.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 22 - 25 Eylül 2021, ss.85-86, (Özet Bildiri)
- XCVI. **Retrospective Matched Comparison Study on Anterior Vertebral Body Tethering (AVBT) vs. Posterior Spinal Fusion (PSF) for Primary Thoracic Curves**  
Alanay A.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 22 - 25 Eylül 2021, ss.88, (Özet Bildiri)
- XCVII. **Operative Differences for PSF After VBT: Are We Fusing More Levels in the End?**  
Alanay A.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 21 - 25 Eylül 2021, (Yayınlanmadı)
- XCVIII. **Is Thoracoscopic VBT a Pulmonary Function Declining or Improving Surgery?**  
Alanay A., Yucekul A., Yılgör İ. Ç., Ergene G., Senay S.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 22 - 25 Eylül 2021, ss.198, (Özet Bildiri)
- XCIX. **2 to 5-Years Follow-Up Results after Thoracoscopic VBT: A Single Surgeon's Experience**  
Alanay A., Ergene G., Yucekul A., Yılgör İ. Ç., Yalinay Dikmen P., Senay S.  
SRS Annual Meeting, Missouri, Amerika Birleşik Devletleri, 22 - 25 Eylül 2021, ss.93-94, (Özet Bildiri)
- C. **2 to 5-years Follow-up Results After Thoracoscopic VBT: A Single Surgeon's Experience**  
Alanay A., Yılgör İ. Ç., Yucekul A., Ergene G., Senay S., Yalinay Dikmen P.  
Scosym, 18 - 19 Eylül 2021, (Yayınlanmadı)
- CI. **Relationship Between Adult Spinal Deformity Surgery and Employment, Sick Leaves, Return to Work and Early Retirement: Minimum 5 years Follow-up Study**  
Alanay A., Yılgör İ. Ç., Yucekul A.  
21. Asia Pacific Orthopaedic Association Congress, 29 Temmuz 2021 - 31 Temmuz 2022, (Yayınlanmadı)
- CII. **2 TO 5-YEARS FOLLOW-UP RESULTS AFTER THORACOSCOPIC VBT: A SINGLE SURGEON'S**

## EXPERIENCE

Alanay A., Yilgör İ. Ç., Yucekul A., Ergene G., Senay S., Yalinay Dikmen P.

21. Asia Pacific Orthopaedic Association Congress, 29 - 31 Temmuz 2021, (Yayınlanmadı)

### CIII. **IS THORACOSCOPIC VBT A PULMONARY FUNCTION DECLINING OR IMPROVING SURGERY?**

Alanay A., Yilgör İ. Ç., Yucekul A., Ergene G., Senay S., Yalinay Dikmen P.

21. Asia Pacific Orthopaedic Association Congress, 29 - 31 Temmuz 2021, (Yayınlanmadı)

### CIV. **Analgesic and Opioid Medication Profile of European Adult Spinal Deformity Patients: Minimum 5 years Follow-up Study**

Alanay A., Yucekul A., Yilgör İ. Ç.

21. Asia Pacific Orthopaedic Association Congress, 29 - 31 Temmuz 2021, (Yayınlanmadı)

### CV. **Does vertebral body tethering cause disc and facet joint degeneration? an MRI study with minimum 2-years follow-up**

Alanay A., Yucekul A., Ergene G., Senay S., Yalinay Dikmen P., Karaarslan E.

13th Combined Meeting of Asia Pacific Spine Society & Asia Pacific Paediatric Orthopaedic Society, 9 - 12 Haziran 2021, (Yayınlanmadı)

### CVI. **Relationship between adult spinal deformity surgery and employment, sick leaves, return to work and early retirement: minimum 5 years follow-up study**

Alanay A., Yucekul A., Yilgör İ. Ç.

13th Combined Meeting of Asia Pacific Spine Society & Asia Pacific Paediatric Orthopaedic Society, 9 - 12 Haziran 2021, (Yayınlanmadı)

### CVII. **Is thoracoscopic VBT a pulmonary function declining or improving surgery?**

Alanay A., Yilgör İ. Ç., Yucekul A., Ergene G., Senay S., Yalinay Dikmen P.

13th Combined Meeting of Asia Pacific Spine Society & Asia Pacific Paediatric Orthopaedic Society, 9 - 12 Haziran 2021, (Yayınlanmadı)

### CVIII. **2 to 5-years follow-up results after thoracoscopic VBT: a single surgeon's experience**

Alanay A., Yilgör İ. Ç., Yucekul A., Senay S., Ergene G., Yalinay Dikmen P.

13th Combined Meeting of Asia Pacific Spine Society & Asia Pacific Paediatric Orthopaedic Society, 9 - 12 Haziran 2021, (Yayınlanmadı)

### CIX. **Analgesic and opioid medication profile of european adult spinal deformity patients: minimum 5 years follow-up study**

Alanay A., Yucekul A., Yilgör İ. Ç.

13th Combined Meeting of Asia Pacific Spine Society & Asia Pacific Paediatric Orthopaedic Society, 9 - 12 Haziran 2021, (Yayınlanmadı)

### CX. **Comparison of Rasterstereography and Radiographic Measurements in Coronal Plane Deformities**

Alanay A., Yilgör İ. Ç., Yucekul A., Bayramoğlu M.

eSOSORT 2021 , 29 Nisan - 01 Mayıs 2021, (Yayınlanmadı)

### CXI. **Does Vertebral Body Tethering Cause Disc and Facet Joint Degeneration? An MRI Study with Minimum 2-Years Follow-Up**

Alanay A., Ergene G., Senay S., Yalinay Dikmen P., Yilgör İ. Ç., Karaarslan E., Yucekul A.

eSOSORT 2021, 29 Nisan - 01 Mayıs 2021, (Yayınlanmadı)

### CXII. **Two to Five-Year Follow-Up Results after Thoracoscopic VBT: A Single Surgeon's Experience**

Alanay A., Yilgör İ. Ç., Yucekul A., Yalinay Dikmen P., Senay S.

eSOSORT 2021, 29 Nisan - 01 Mayıs 2021, (Yayınlanmadı)

### CXIII. **A Multicenter Comparative Analysis of AVBT to PSF in the Treatment of Lenke 5 Curves**

Alanay A.

IMAST, 23 - 25 Nisan 2021, ss.61-62, (Özet Bildiri)

### CXIV. **torakolomber ve torakal eğriliklerde torakoskopik ve mini açık lumbotomi ile vertebral gövde gerdirme ; 2-3 yıllık takip sonuçları**

Yucekul A., Ergene G., Senay S., Alanay A., Yilgör İ. Ç.

28th International Meeting on Advanced Spine Techniques , 23 - 25 Nisan 2021, ss.62-63, (Özet Bildiri)

### CXV. **The Harms Study Group Retrospective Comparison Study on Anterior Vertebral Body Tethering**

**(AVBT) versus Posterior Spinal Fusion (PSF) for Primary Thoracic Curves**

Alanay A.

IMAST, 23 - 25 Nisan 2021, ss.47-48, (Özet Bildiri)

- CXVI. **ASSOCIATION BETWEEN SAGITTAL ALIGNMENT AND ADJACENT SEGMENT LOADING AS PREDICTED BY PATIENT-SPECIFIC MUSCULOSKELETAL SIMULATIONS**  
Alanay A., Yılgör İ. Ç.  
Eurospine, 6 - 09 Ekim 2020, (Özet Bildiri)
- CXVII. **PREDICTOR OF MECHANICAL FAILURES IN ADULT SPINAL DEFORMITY SURGERY WITH LONG LUMBOPELVIC FIXATIONS**  
Alanay A., Yılgör İ. Ç.  
Eurospine, 6 - 09 Ekim 2020, (Özet Bildiri)
- CXVIII. **SURGEONS' RISK PERCEPTION IN ASD SURGERY. THE VALUE OF MACHINE LEARNING RISK CALCULATORS ON DECISION MAKING AND PATIENT COUNSELLING**  
Alanay A.  
Eurospine, 6 - 09 Ekim 2020, (Özet Bildiri)
- CXIX. **QUALITY METRICS IN ADULT SPINAL DEFORMITY (ASD) SURGERY OVER THE LAST DECADE. A COMBINED ANALYSIS OF THE LARGEST PROSPECTIVE MULTICENTRIC DATASETS**  
Alanay A.  
Eurospine, 6 - 09 Ekim 2020, (Özet Bildiri)
- CXX. **ADULT CONGENITAL DEFORMITY: CLINICAL FEATURES AND MOTIVATIONS FOR SURGICAL TREATMENT**  
Alanay A.  
Eurospine, 6 - 09 Ekim 2020, (Özet Bildiri)
- CXXI. **USE OF PREDICTIVE MACHINE LEARNING MODELS AT THE POPULATION LEVEL HAVE THE POTENTIAL TO SAVE COST BY DIRECTING ECONOMIC RESOURCES TO THOSE LIKELY TO IMPROVE MOST: A SIMULATION ANALYSIS STRATIFIED BY RISK IN LARGEST COMBINED US/EUROPEAN ASD REGISTRY**  
Alanay A.  
Eurospine, 6 - 09 Ekim 2020, (Özet Bildiri)
- CXXII. **Adolesan İdiyopatik Skolyoz da Vertebral Bant, Posterior Enstrümantasyon ve Füzyona karşı: Uyumlu Bir Kohort Analizi**  
Alanay A., Yucekul A., Erdogan B., Ergene G., Senay S., Ay B., Yalınay Dikmen P., Zülemyan T., Yavuz Y., Yılgör İ. Ç.  
Eurospine 2020, Vienna, Avusturya, 6 - 09 Ekim 2020, cilt.1, sa.32, ss.32, (Özet Bildiri)
- CXXIII. **Quality Metrics in Adult Spinal Deformity (ASD) Surgery Over the Last Decade: A Combined Analysis of the Largest Prospective Multicentric Datasets**  
Alanay A.  
SRS Annual Meeting, 9 - 13 Eylül 2020, ss.46, (Özet Bildiri)
- CXXIV. **SRS-22r Score of a Prospective Evaluation of Elderly Deformity Surgery: A Prospective Observational, Multicenter Study**  
Alanay A.  
SRS Annual Meeting, 9 - 13 Eylül 2020, (Yayınlanmadı)
- CXXV. **Use of Predictive Machine Learning Models at the Population Level Has the Potential to Save Cost by Directing Economic Resources to Those Likely to Improve Most: A Simulation Analysis Stratified by Risk in Largest Combined US/European ASD Registry**  
Alanay A.  
SRS Annual Meeting, 9 - 13 Eylül 2020, ss.38, (Özet Bildiri)
- CXXVI. **Intraoperative Neuromonitoring Practice Patterns in Spinal Deformity Surgery**  
Alanay A., Yalınay Dikmen P., Yılgör İ. Ç., Yucekul A.  
SRS Annual Meeting, 9 - 13 Eylül 2020, ss.43, (Özet Bildiri)
- CXXVII. **Change in Oswestry Disability Index at 24 months following Multilevel Spinal Deformity Surgery in Patients over 60 Years of Age: A Multicenter International Prospective Study**

- Alanay A.  
SRS Annual Meeting, 9 - 13 Eylül 2020, (Yayınlanmadı)
- CXXVIII. **Efficacy of Adult Spinal Deformity Surgical Decision Making (ASD-SDM) Score in Patients Over 40 Years as an Indication for Surgical Management**  
Alanay A.  
SRS Annual Meeting, 9 - 13 Eylül 2020, ss.41, (Özet Bildiri)
- CXXIX. **Correlations of Pelvic Incidence-Based Relative Radiographic Parameters to Lower Extremity Compensations**  
Alanay A., Yucekul A., Yilgör İ. Ç.  
SRS Annual Meeting, 9 - 13 Eylül 2020, (Yayınlanmadı)
- CXXX. **Complications Unique to Vertebral Body Tethering: Complications that We Haven't Seen Before**  
Alanay A.  
IMAST, 10 Temmuz - 22 Ağustos 2020, (Yayınlanmadı)
- CXXXI. **Assessment of Sagittal Shape and Alignment Using ShortCassette Radiographs and Intraoperative Fluoroscopic Images for Predicting Mechanical Complications**  
Alanay A., Yilgör İ. Ç., Yucekul A.  
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- CXXXII. **From Prediction to Prevention in Assessment of Risk of Mechanical Complications**  
Alanay A., Yilgör İ. Ç., Yucekul A.  
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- CXXXIII. **Thoracoscopic Vertebral Body Tethering for Patients with >30 Degree Upper Thoracic Curves**  
Alanay A., Yucekul A., Yilgör İ. Ç., Ergene G., Yalınay Dikmen P., Senay S.  
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- CXXXIV. **Forced Decision Tree Classifier for Determining Widespread Acting Features Affecting Mechanical Complications**  
Alanay A., Yucekul A., Yilgör İ. Ç.  
IMAST, 10 Temmuz - 22 Ağustos 2020, (Yayınlanmadı)
- CXXXV. **Relative L4-S1 Lordosis: New PI-based Proportional Parameter that Aids the Interpretation of the Distribution of Lumbar Lordosis**  
Alanay A., Yilgör İ. Ç., Yucekul A.  
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- CXXXVI. **Thoracoscopic and Mini-Open Lumbar Anterior Vertebral Body Tethering for Thoracolumbar and Double Curves**  
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- CXXXVII. **Predictive Surgical Planning and Initial Correction: Traditional Way by Using Growth Parameters (Risser, Menarche, Tanners, Sanders)**  
Alanay A.  
IMAST, 10 Temmuz - 22 Ağustos 2020, (Yayınlanmadı)
- CXXXVIII. **Growth Modulation with Thoracoscopic Vertebral Body Tethering for Patients with >60 Degree Main Thoracic Curves**  
Alanay A., Yucekul A., Yilgör İ. Ç., Ergene G., Senay S.  
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- CXXXIX. **Impact Of Radiologic Variables On Item Responses Of Odi And Srs22 In Adult Spinal Deformity Patients: Differential Item Functioning (Dif) Analysis Results From A Multi-Center Database**  
BOISSIERE L., YÜKSEL S., OBEID I., HAYASHI K., YILGÖR İ. Ç., KLEINSTUCK F., ALANAY A., PELLISE F., GRUESO F. S. P., ACAROĞLU E., et al.  
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- CXL. **Correlation of Pelvic Incidence-Based Relative Radiographic Parameters to Lower Extremity Compensations**  
Alanay A.



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- CXLI. **Thoracoscopic Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Minimum 2 years Results of Patients Reaching Skeletal Maturity**  
ALANAY A., Altuğ Y., KİNDAN P., TANRIÖVER H. H., ZÜLEMYAN T., ERGENE G., Şahin S., AY B., YAVUZ Y., YILGÖR İ. Ç.  
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- CXLII. **FORCED DECISION TREE CLASSIFIER FOR DETERMINING WIDESPREAD ACTING FEATURES AFFECTING MECHANICAL COMPLICATIONS**  
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- CXLIII. **Relative L4-S1 Lordosis: New PI-based Promotional Parameter that Aids the Interpretation of the Distribution of Lumbar Lordosis**  
Alanay A.  
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- CXLIV. **Time-Dependent Interpretation of Mechanical Complications Using Cox Regression and Survival Analysis**  
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- CXLV. **Importance of Postoperative and Follow-up Information on Prediction of Mechanical Complications**  
Alanay A.  
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- CXLVI. **Forced Decision Tree Classifier for Determining Widespread Acting Features Affecting Mechanical Complications**  
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- CXLVII. **Assessment of Sagittal Shape and Alignment Using Short-Cassette Radiographs and Intraoperative Fluoroscopic Images for Predicting Mechanical Complications**  
Alanay A.  
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- CXLVIII. **Vertebral Body Tethering vs Posterior Instrumentation and Fusion for Adolescent Idiopathic Scoliosis: A Matched Cohort Analysis**  
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- CXLIX. **Thoracoscopic Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Clinical Judgment of Initial Correction Need and Follow-up Curve Behavior According to Sanders Skeletal Maturity tagging System**  
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- CL. **Thoracoscopic Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Minimum 2 years Results of Patients Reaching Skeletal Maturity**  
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- CLI. **Brace and Weaned vs Brace and Operated Adolescent Idiopathic Scoliosis Patients: A matched Cohort Analysis**  
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- CLII. **Artificial Intelligence Based Hierarchical Clustering of Patient Types and Intervention Categories in Adult Spinal Deformity Surgery: Towards a New Classification Scheme That Predicts Quality and Value**  
Alanay A.

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- CLIII. **Non-fusion Thoracoscopic Anterior Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Preliminary Results of a Single European Center..**  
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- CLIV. **Yetmiş Yaş ve Üzeri Hastalarda Erişkin Omurga Deformitesi Tedavisi: İki Yıl Takipli Hastaların Sonuçları**  
AYHAN S., KARABULUT C., YÜKSEL S., NABIYEV V., VILA CASADEMUNT A., PELLISE F., ALANAY A., PEREZ GRUESO F. J. S., KLEINSTUCK F., OBEID I., et al.  
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- CLV. **CAN WE STILL USE A SINGLE VALUE FOR MINIMUM DETECTABLE CHANGE AND MINIMUM CLINICALLY IMPORTANT DIFFERENCE OF HEALTH RELATED QUALITY OF LIFE PARAMETERS IN ADULT SPINAL DEFORMITY ?**  
ACAROGLU E., YÜKSEL S., NABIYEV V., AYHAN S., ADHIKARI P., PELLISE F., PEREZ GRUESO F. J. S., KLEINSTUCK F., ALANAY A., OBEID I., et al.  
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- CLVI. **Do Postoperative Low Hemoglobin Levels Impact Hospital Readmission After Adult Spinal Deformity Surgery?**  
NABIYEV V., ADHIKARI P., AYHAN S., YÜKSEL S., VILA CASADEMUNT A., OBEID I., PEREZ GRUESO F. J. S., PELLISE F., KLEINSTUCK F., ALANAY A., et al.  
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- CLVII. **ANTERIOR VERTEBRAL BODY TETHERING FOR ADOLESCENT IDIOPATHIC SCOLIOSIS: 19 PATIENTS WITH MINIMUM 1-YEAR FOLLOW-UP**  
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- CLVIII. **Global Alignment and Proportion (GAP) Score Better Correlates to HRQoL Scores and Better Predicts Mechanical Complications Compared to SRS-Schwab Sagittal Modifiers**  
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- CLIX. **Non-fusion Growth Modulation with Anterior Vertebral Body Tethering via Thoracoscopic Approach for Adolescent Idiopathic Scoliosis**  
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32th Annual Meeting of the North American Spine Society, Florida-Orlando, Amerika Birleşik Devletleri, 25 - 28 Ekim 2017, cilt.17, ss.106, (Özet Bildiri)
- CLX. **The Appropriate Sagittal Plane Correction to Individualized Proportionate Shape and Alignment Does Not Necessarily Mean More Complex Surgery in Adult Spinal Deformity**  
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- CLXI. **Minimum Detectable Change (MDC) and Minimum Clinically Important Difference (MCID) of Health Related Quality of Life Parameters in Adult Spinal Deformity**  
YÜKSEL S., AYHAN S., DOMINGO SABAT M., OBEID I., PEREZ GRUESO F. J. S., KLEINSTUCK F., PELLISE F., ALANAY A., ACAROGLU E., ESSG E. S. S. G.  
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- CLXII. **Sagittal Realignment Goals Should Be Set to Ideal Proportionate Shape and Alignment Independent of Age**

- YILGÖR İ. Ç., Söğünmez N., YAVUZ Y., Obeid I., Kleinstück F., Perez Grueso F. J. S., Acaroglu R. E., Mannion A., Pellise F., ALANAY A., et al.  
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- CLXIII. **A Single Sagittal Parameter for Decision Making in ASD?**  
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- CLXIV. **ADULT SPINAL DEFORMITY OVER 70 YEARS OF AGE: A MINIMUM TWO-YEARS FOLLOW-UP STUDY**  
ACAROĞLU E., KARABULUT C., AYHAN S., YÜKSEL S., PEREZ GRUESO F. J. S., KLEINSTUCK F., OBEID I., ALANAY A., PELLISE F., ESSG E. S. S. G.  
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- CLXV. **Failure to Validate the Age-Adjusted Alignment Thresholds Concept in an Adult Spinal Deformity Database**  
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24th International Meeting on Advanced Spine Techniques, 12 - 15 Temmuz 2017, (Özet Bildiri)
- CLXVI. **Non-fusion Growth Modulation with Anterior Vertebral Body Tethering (VBT) for Adolescent Idiopathic Scoliosis: A Promising Minimal Invasive Alternative to Traditional Treatment**  
Cebeci B. Ö., ERGENE G., Söğünmez N., AY B., YILGÖR İ. Ç., ALANAY A.  
12th International SOSORT Meeting, 4 - 06 Mayıs 2017, (Özet Bildiri)
- CLXVII. **A Cluster Analysis of the Classifiable Parameters in Adult Spinal Deformity: Are We Missing Something with the Present Classification Systems?**  
ACAROĞLU E., YÜKSEL S., AYHAN S., NABIYEV V., MMOPELVA T., VİLA CASADEMUNT A., PELLISE F., ALANAY A., SANCHEZ F. J., GRUESO F. S. P., et al.  
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- CLXVIII. **Use of a Tailored Multimodal Recovery Pathway Accelerates Inpatient Recovery**  
YILGÖR İ. Ç., Kindan P., ALANAY A., Söğünmez N., AY B.  
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- CLXIX. **Safety and Efficacy of Concurrent Spinal Deformity and Intra-Dural Surgery: Case Series**  
YILGÖR İ. Ç., Söğünmez N., Dalla M., Demirci Otluoğlu G., Başarır M., Özek M., ALANAY A.  
12th International Turkish Spine Congress, 19 - 22 Nisan 2017, (Özet Bildiri)
- CLXX. **Rölatif Spinopelvik Alignment (RSA): Sagital Dizilimi SVA'ya Kıyasla Daha İyi Belirleyen Yeni Pitemelli Orantısal Parametre**  
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- CLXXI. **Rölatif Pelvik Versiyon (RPV): Pelvik Oryantasyonu Ölçen, Yeni PI-temelli Orantısal Parametrenin Pelvik Tilt ile Karşılaştırılması**  
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- CLXXII. **Critical Age Thresholds for Surgical Complexity and Complication Rates in Adult Idiopathic Scoliosis**  
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- CLXXIII. **Which clinical parameters of the Schwab SRS classification system for ASD is significant in predicting treatment outcomes for surgically treated patients**  
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IMAST 2016, Washington, Kiribati, 13 - 16 Temmuz 2016, ss.142-143, (Tam Metin Bildiri)
- CLXXIV. **Which factors influence the surgery vs. non-surgery decision for adult idiopathic scoliosis patients**

**with gray zone (40-55o) main thoracic curves?**

YILGÖR İ. Ç., Enercan M., Hamzaoğlu A., Pellise F., Perez Grueso F. J. S., Acaroglu R. E., Obeid I., Kleinstück F., ALANAY A., ESSG E. S. S. G.

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**CLXXV. Cognitive Impairment Following Adult Spinal Deformity Surgery**

NABIYEV V., AYHAN S., YÜKSEL S., MMOPELVA T., DOMINGO SABAT M., PELLISE F., ALANAY A., GRUESO F. S. P., KLEINSTUCK F., OBEID I., et al.

Global Spine Congress 2016, Dubai, Birleşik Arap Emirlikleri, 13 - 16 Nisan 2016, (Özet Bildiri)

**CLXXVI. Global Tilt: A single parameter incorporating the spinal and pelvic parameters correlates with health-related quality of life**

YILGÖR İ. Ç., Enercan M., Hamzaoğlu A., Pellise F., Perez Grueso F. J. S., Acaroglu R. E., Obeid I., Kleinstück F., ALANAY A., ESSG E. S. S. G.

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**CLXXVII. Multiple Regression Analysis Of Factors Affecting The Mental Component Score Constituents Of Sf 36 In Adult Spinal Deformity**

AYHAN S., YÜKSEL S., NİYZAĞI A., NABIYEV V., GÜLER Ü. Ö., ACAROĞLU E., DOMINGO SABAT M., PELLISE F., ALANAY A., GRUESO F. J. S. P., et al.

EUROSPINE 2015, KOPENHAG, Danimarka, 2 - 04 Eylül 2015, (Özet Bildiri)

**CLXXVIII. Effect of treatment complications on the outcomes in Adult Spinal Deformity (ASD): A decision analysis (DA) approach**

ACAROĞLU E., GÜLER Ü. Ö., ÇETİNYÜREK YAVUZ A., YÜKSEL S., YAVUZ Y., DOMINGO SABAT M., PELLISE F., ALANAY A., GRUESO F. S. P., KLEINSTUCK F., et al.

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**CLXXIX. Identifying The Best Treatment In Adult Spinal Deformity (Asd): A Decision Analysis (Da) Approach**

ACAROĞLU E., ÇETİNYÜREK YAVUZ A., GÜLER Ü. Ö., YÜKSEL S., YAVUZ Y., DOMINGO SABAT M., PELLISE F., GRUESO F. S. P., ALANAY A., KLEINSTUCK F., et al.

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**CLXXX. Is radiographic control necessary after every lengthening of magnetically controlled growing rod?**

YILGÖR İ. Ç., ALANAY A.

22nd International Meeting on Advanced Spine Techniques, 8 - 11 Temmuz 2015, (Özet Bildiri)

**CLXXXI. Distal iliac screw fixation technique An alternative iliopelvic fixation technique in adult deformity surgery**

ENERCAN M., KAHRAMAN S., GÖKÇEN B., ÇOBANOĞLU M., YILAR S., ERTÜRER R. E., ÖZTÜRK Ç., HAMZAOĞLU A., ALANAY A., ŞANLI T.

22nd International Meeting on Advanced Spine Techniques, Kuala-Lumpur, Malezya, 8 Temmuz - 11 Mayıs 2015, (Tam Metin Bildiri)

**CLXXXII. Mental health and self image perception of non-disabled adult idiopathic scoliosis patients having mild to moderate curves compared to normal population**

YILGÖR İ. Ç., Enercan M., Hamzaoğlu A., Pellise F., Acaroglu R. E., Obeid I., Kleinstück F., ALANAY A., ESSG E. S. S. G.

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**CLXXXIII. Kirschner teli tespit ve kompresyonu sağlayan bir araç**

KARADENİZ E., meriç e., ALANAY A., YAZICI M., azmi h., mümtaz a.

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Ortopedi ve Travmatoloji İstanbul Buluşması, Türkiye, 4 - 07 Mayıs 2011

**CLXXXV. The treatment of thoracic osteomyelitis in elderly patients by modified posterior vertebral column resection**

KARADENİZ E., çağatay ö., ALANAY A., meriç e., azmi h.

9. Uluslararası Türk Omurga Kongresi, 27 - 30 Nisan 2011

**CLXXXVI. A Locking Compression Device for K Wire Fixation**

- KARADENİZ E., meriç e., ALANAY A., YAZICI M., azmi h., mümtaz a.  
12 th European Congress of Trauma and Emergency Surgery., Milan, İtalya, 1 - 30 Nisan 2011
- CLXXXVII. **Direct repair of lumbar spondylolysis by segmental pedicle screw infralaminar hook construct**  
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9. Uluslararası Türk Omurga Kongresi, 27 - 30 Nisan 2011
- :LXXXVIII. **Which factors influence spontaneous lumbal curve correction after selective thoracic fusion in lenke type 1b and c curves**  
çağatay ö., ALANAY A., KARADENİZ E., mehmet bülent b., meriç e., azmi h.  
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- CLXXXIX. **Surgical Management of Tuberculosis of the Spine**  
ALANAY A., Olgun D.  
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- CXC. **Efficacy of Sacroiliac Orthosis in the Treatment of Sacroiliac Joint Syndrome**  
TURAN E., CAN F., ALANAY A.  
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## **Bilimsel Kuruluşlardaki Üyelikler / Görevler**

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International Society on Scoliosis Orthopaedic and Rehabilitation Treatment (SOSORT), Üye, 2018 - Devam Ediyor , Amerika Birleşik Devletleri  
American Bone and Joint Society (ABJS), Üye, 2012 - Devam Ediyor , Amerika Birleşik Devletleri  
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EUROPEAN SPINE JOURNAL, SCI-E Kapsamındaki Dergi, Ocak 1999

## **Etkinlik Organizasyonlarındaki Görevler**

Alanay A., 29th International Meeting on Advanced Spine Techniques (IMAST), Bilimsel Kongre / Sempozyum Organizasyonu, Florida, Amerika Birleşik Devletleri, Nisan 2022  
Alanay A., MERC Non-fusion Scoliosis Correction, Çalıştay Organizasyonu, İsviçre, Kasım 2021  
Alanay A., Spine Deformity Solutions: A Hands-On Course, Çalıştay Organizasyonu, Hollanda, Ekim 2021

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Yayın: 433  
Atıf (WoS): 3886  
Atıf (Scopus): 5361  
H-İndeks (WoS): 34  
H-İndeks (Scopus): 39

## **Kongre ve Sempozyum Katılımı Faaliyetleri**

MERC: Fusion vs Non-Fusion Scoliosis Correction Techniques Cadaveric Training Program, Oturum Başkanı, Barcelona, İspanya, 2023  
Eurospine, Moderatör, Frankfurt, Almanya, 2023  
Eurospine, Davetli Konuşmacı, Frankfurt, Almanya, 2023  
Eurospine, Davetli Konuşmacı, Frankfurt, Almanya, 2023  
4th International Scoliosis Symposium, Davetli Konuşmacı, İstanbul, Türkiye, 2023  
58TH SRS ANNUAL MEETING, Davetli Konuşmacı, Washington, Amerika Birleşik Devletleri, 2023  
58TH SRS ANNUAL MEETING, Davetli Konuşmacı, Washington, Amerika Birleşik Devletleri, 2023  
58TH SRS ANNUAL MEETING, Panelist, Washington, Amerika Birleşik Devletleri, 2023  
58TH ANNUAL SRS MEETING, Moderatör, Washington, Amerika Birleşik Devletleri, 2023  
ABJS Annual Meeting, Moderatör, Washington, Amerika Birleşik Devletleri, 2023  
15. Uluslararası Türk Omurga Kongresi, Davetli Konuşmacı, İzmir, Türkiye, 2023  
15. Uluslararası Türk Omurga Kongresi, Davetli Konuşmacı, İzmir, Türkiye, 2023  
30th International Meeting on Advanced Spine Techniques, Moderatör, Dublin, İrlanda, 2023  
30th International Meeting on Advanced Spine Techniques, Moderatör, Dublin, İrlanda, 2023

30th International Meeting on Advanced Spine Techniques, Moderatör, Dublin, İrlanda, 2023  
Cutting Edge Meeting, Davetli Konuşmacı, Florida, Amerika Birleşik Devletleri, 2023  
Cutting Edge Meeting, Davetli Konuşmacı, Florida, Amerika Birleşik Devletleri, 2023  
AO Spine, Oturum Başkanı, İstanbul, Türkiye, 2023  
Eurospine Annual Meeting, Moderatör, Milan, İtalya, 2022  
SRS Annual Meeting, Davetli Konuşmacı, Stockholm, İsveç, 2022  
INTERNATIONAL MEETING ON ADVANCED SPINE TECHNIQUES (IMAST), Moderatör, Florida, Amerika Birleşik Devletleri, 2022  
30. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Davetli Konuşmacı, Antalya, Türkiye, 2021  
Eurospine, Davetli Konuşmacı, Vienna, Avusturya, 2021  
Eursopine, Moderatör, Vienna, Avusturya, 2021  
SRS Annual Meeting, Davetli Konuşmacı, Missouri, Amerika Birleşik Devletleri, 2021  
SRS Annual Meeting, Moderatör, Missouri, Amerika Birleşik Devletleri, 2021  
30th International Meeting on Advanced Spine Techniques (IMAST), Moderatör, Wisconsin, Amerika Birleşik Devletleri, 2021  
30th International Meeting on Advanced Spine Techniques (IMAST), Panelist, Wisconsin, Amerika Birleşik Devletleri, 2021  
30th International Meeting on Advanced Spine Techniques (IMAST), Oturum Başkanı, Wisconsin, Amerika Birleşik Devletleri, 2021

## Ödüller

Alanay A., TÜBİTAK BİLİM ÖDÜLÜ, Tübitak, Aralık 2024  
Alanay A., Balev Beyaz Düşünce Ödülü, Bornova Anadolu Lisesi Vakfi Balev, Aralık 2024  
Alanay A., IHH Medical Excellence Award, Ihh Healthcare Group, Eylül 2023  
Alanay A., Louis A. Goldstein Best Clinical Research Poster Award, Scoliosis Research Society (Srs), Eylül 2023  
Alanay A., Yılgör İ. Ç., En İyi Sözlü Bildiri, Türk Omurga Derneği, Mayıs 2023  
Alanay A., Yılgör İ. Ç., En İyi Sözlü Bildiri Ödülü, Türk Omurga Derneği, Mayıs 2022  
Alanay A., Ergene G., Senay S., Yalınay Dikmen P., Karaarslan E., Yuçekul A., Yılgör İ. Ç., En İyi Sözlü Bildiri Ödülü/BANT İLE GERDİRME YÖNTEMİ (VBT) DİSK VE FASET EKLEM DEJENERASYONUNA SEBEP OLUR MU? EN AZ 2-YIL TAKİPLİ MRI ÇALIŞMASI, Ulusal Türk Ortopedi Ve Travmatoloji Kongresi, Kasım 2021  
Alanay A., Yuçekul A., Yılgör İ. Ç., Ergene G., Senay S., LOUIS A. GOLDSTEIN BEST CLINICAL RESEARCH POSTER AWARD/Is Thoracoscopic VBT a Pulmonary Function Declining or Improving Surgery?y, Scoliosis Research Society, Eylül 2021  
Alanay A., Russel A. Hibbs Clinical Research Award/Adverse Events in Multilevel Surgery in Elderly Patients with Spinal Deformity: Report of the Prospective Evaluation of Elderly Deformity Surgery (PEEDS), Scoliosis Research Society, Eylül 2021  
Alanay A., Thomoas E. Whitecloud Award/The Harms Study Group Retrospective Comparison Study on Anterior Vertebral Body Tethering (AVBT) versus Posterior Spinal Fusion (PSF) for Primary Thoracic, Scoliosis Research Society, Nisan 2021