

## Prof. Dr. Ahmet ALANAY

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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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

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

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

- I. **Sagittal alignment of diverse mechanical complications following adult spinal deformity surgery**  
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- II. **The Impact of Unplanned Reoperation Following Adult Spinal Deformity Surgery: A Prospective Longitudinal Cohort Study with 5-Year Follow-up**  
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- III. **Post-operative bracing following adult spine deformity surgery: Results from the AO Spine surveillance of post-operative management of patients with adult spine deformity**  
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- VI. **Rod Angulation Relationship with Thoracic Kyphosis after Adolescent Idiopathic Scoliosis Posterior Instrumentation**  
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- VII. **Cost Benefit of Implementation of Risk Stratification Models for Adult Spinal Deformity Surgery**  
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- VIII. **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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- IX. **Rod angulation does not reflect sagittal curvature in adult spinal deformity surgery: comparison of lumbar lordosis and rod contouring**  
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- X. **Relationship between pelvic incidence-adjusted relative spinopelvic parameters, global sagittal alignment and lower extremity compensations**  
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- XII. **AO Spine Adult Spinal Deformity Patient Profile: A Paradigm Shift in Comprehensive Patient Evaluation in Order to Optimize Treatment and Improve Patient Care**  
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- XIV. **Sagittal realignment: surgical restoration of the global alignment and proportion score parameters: a subgroup analysis. What are the consequences of failing to realign?**  
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- XV. **Independent Prognostic Factors Associated With Improved Patient-Reported Outcomes in the Prospective Evaluation of Elderly Deformity Surgery (PEEDS) Study**  
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- XVI. **Revision surgery following long lumbopelvic constructs for adult spinal deformity: prospective**

**experience from two dedicated databases**

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- XVII. **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**  
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- XVIII. **Does the use of postoperative brace help preventing mechanical complications following adult deformity surgery?**  
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- XIX. **Long-term opioid medication profile of European adult spinal deformity patients: minimum five years follow-up study**  
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- XX. **Operative differences for posterior spinal fusion after vertebral body tethering: Are we fusing more levels in the end?**  
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- XXI. **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**  
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- XXII. **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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- XXIII. **Surgical site infection is a major risk factor of pseudarthrosis in adult spinal deformity surgery**  
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- XXIV. **Development of a mapping function ("crosswalk") for the conversion of scores between the Oswestry Disability Index (ODI) and the Core Outcome Measures Index (COMI)**  
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- XXV. **Prevalence of benign bone lesions of the lower extremity in the pediatric spinal disorders: a whole-body imaging study**  
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- XXVI. **Spontaneous Lumbar Curve Correction Following Vertebral Body Tethering of Main Thoracic Curves**  
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- XXVII. **Domino connector is an efficient tool to improve lumbar lordosis correction angle after pedicle**

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- XXVIII. **Combined anterior-posterior versus all-posterior approaches for adult spinal deformity correction: a matched control study**  
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- XXIX. **Comparison of short versus long fusion in the treatment of adult lumbar spinal deformity: surgical, radiographic and patient-reported outcomes.**  
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- XXX. **Surgeons' risk perception in ASD surgery: The value of objective risk assessment on decision making and patient counselling**  
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- XXXI. **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**  
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- XXXII. **A Review on Cutaneous and Musculoskeletal Manifestations of CLOVES Syndrome.**  
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Clinical, cosmetic and investigational dermatology, cilt.15, ss.621-630, 2022 (SCI-Expanded)
- XXXIII. **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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- XXXIV. **Compensatory mechanisms recruited against proximal junctional kyphosis by patients instrumented from the thoracolumbar junction to the iliac**  
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- XXXV. **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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- XXXVI. **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).**  
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- XXXVII. **Does vertebral body tethering cause disc and facet joint degeneration? A preliminary MRI study with minimum two years follow-up**  
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- XXXVIII. **Evaluation of Global Alignment and Proportion Score in an Independent Database.**  
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- XXXIX. **Obeid-Coronal Malalignment Classification Is Age Related and Independently Associated to Personal Reported Outcome Measurement Scores in the Nonfused Spine**  
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- XL. **How frequent should the radiographic examination be to monitor magnetically controlled growing rods? A retrospective look two to seven years postoperatively**  
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- XLI. **The Impact of Corrective Surgery on Health-Related Quality of Life Subclasses in Adult Scoliosis: Will Degree of Correction Prognosticate Degree of Improvement?**  
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- XLII. **The dynamics of satisfaction in surgical and non-surgical adult spinal deformity patients**  
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- XLIII. **Prediction of satisfaction after correction surgery for adult spinal deformity: differences between younger and older patients**  
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- XLIV. **Thoracoscopic Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Follow-up Curve Behavior According to Sanders Skeletal Maturity Staging.**  
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- XLV. **Clinical Performance and Concurrent Validity of the Adult Spinal Deformity Surgical Decision-making Score**  
Fujishiro T., Boissiere L., Cawley D. T., Larrieu D., Gille O., Vital J., Pellise F., Sanchez Perez-Grueso F. J., Kleinstueck F., Acaroglu E., et al.  
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- XLVI. **Effect of lumbar pedicle subtraction osteotomy level on lordosis distribution and shape.**  
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- XLVII. **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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- XLVIII. **Adult spinal deformity surgical decision-making score. Part 2: development and validation of a scoring system to guide the selection of treatment modalities for patients above 40 years with adult spinal deformity**

Fujishiro T., Boissière L., Cawley D. T., Larrieu D., Gille O., Vital J., Pellisé F., Pérez-Gruoso F. J. S., Kleinstück F., Acaroglu E., et al.

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**XLIX. Restoring the ideal Roussouly sagittal profile in adult scoliosis surgery decreases the risk of mechanical complications**

Pizones J., Moreno-Manzanaro L., Sánchez Pérez-Gruoso F. J., Vila-Casademunt A., Yilgor C., Obeid I., ALANAY A., Kleinstück F., Acaroglu E. R., Pellisé F.

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**L. Mental health status and sagittal spinopelvic alignment correlate with self-image in patients with adult spinal deformity before and after corrective surgery**

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**LII. Development and validation of risk stratification models for adult spinal deformity surgery**

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**LIII. Development of predictive models for all individual questions of SRS-22R after adult spinal deformity surgery: a step toward individualized medicine**

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**LIV. Impact of resolved early major complications on 2-year follow-up outcome following adult spinal deformity surgery**

Núñez-Pereira S., Pellisé F., Vila-Casademunt A., ALANAY A., Acaraglou E., Obeid I., Sánchez Pérez-Gruoso F. J., Kleinstück F.

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**LV. Development of Deployable Predictive Models for Minimal Clinically Important Difference Achievement Across the Commonly Used Health-related Quality of Life Instruments in Adult Spinal Deformity Surgery**

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**LVI. Adult spinal deformity surgical decision-making score: Part 1: development and validation of a scoring system to guide the selection of treatment modalities for patients below 40 years with adult spinal deformity**

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Alanay A., Yılgör İ. Ç.  
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- LXVI. **COMPENSATORY MECHANISMS RECRUITED AGAINST PROXIMAL JUNCTIONAL KYPHOSIS BY PATIENTS INSTRUMENTED FROM THE THORACOLUMBAR JUNCTION TO THE ILIAC**  
Alanay A.  
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- LXVII. **FIXED CORONAL MALALIGNMENT (CM) IMPACTS INDEPENDENTLY DISABILITY IN ADULT SPINAL DEFORMITY (ASD) PATIENTS WHEN CONSIDERING THE OBEID-CM (O-CM) CLASSIFICATION**  
Alanay A.  
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- LXVIII. **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.  
Eursopine, Vienna, Avusturya, 6 - 08 Ekim 2021
- LXIX. **THE IMPACT OF UNPLANNED REINTERVENTIONS FOLLOWING ASD SURGERY**  
Alanay A.  
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- LXX. **NO DIFFERENCE IN PATIENT-RATED OUTCOME AFTER SHORT VERSUS LONG FUSION SURGERY IN PATIENTS UNDERGOING LUMBAR SPINE SURGERY FOR ADULT SPINAL DEFORMITY**  
Alanay A.  
Eursopine, Vienna, Avusturya, 6 - 08 Ekim 2021
- LXXI. **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
- LXXII. **THE FATE OF THORACOLUMBAR ROTATIONAL KYPHOSIS AFTER ADULT SCOLIOSIS SURGICAL CORRECTION**  
Alanay A.  
Eurospine, Vienna, Avusturya, 6 - 08 Ekim 2021
- LXXIII. **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.  
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- LXXIV. **Does vertebral body tethering cause disc and facet joint degeneration? An MRI study with minimum two years of follow-up**  
YÜCEKUL A., Akpunarlı B., Durbas A., Zulemyan T., Havlucu I., ERGENE G., Senay S., YALINAY DİKMEN P., TURGUT BALCI Ş., KARAARSLAN E., et al.  
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- LXXV. **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.  
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- LXXVI. **Does Vertebral Body Tethering Cause Disc and Facet Joint Degeneration? A MRI Study with Minimum 2-Years Follow-Up**  
Yücekul A., Akpunarli 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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- LXXVII. **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
- LXXVIII. **Gain in HRQL after ASD Surgery is Maintained Between 2 and 5 Years' Follow-Up**  
Alanay A.  
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- LXXIX. **Pulmonary Function in Idiopathic Scoliosis after Fusion and Non-Fusion Surgeries: A Matched Cohort Analysis**  
Alanay A., Yılgör İ. Ç.  
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- LXXX. **AO Adult Spine Deformity Patient Profile: A Paradigm Shift In Comprehensive Patient Evaluation In Order To Improve Patient Care**  
Alanay A.  
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- LXXXI. **The Impact of Unplanned Reinterventions Following ASD Surgery**  
Alanay A.  
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- LXXXII. **Adverse Events in Multilevel Surgery in Elderly Patients with Spinal Deformity: Report of the Prospective Evaluation of Elderly Deformity Surgery (PEEDS)**  
Alanay A.  
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- LXXXIII. **Fixed Coronal Malalignment (CM) Independently Impacts Disability in Adult Spinal Deformity (ASD) Patients when Considering the Obeid-CM (O-CM) Classification**  
Alanay A.  
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- LXXXIV. **Comparative Effectiveness of Ant-IF vs. Post-IF in ASD Surgery: A Propensity Score Based Analysis**  
Alanay A.  
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- LXXXV. **Predicting Overcorrection in AVBT: Can We Improve Patient Selection?**  
Alanay A.  
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- LXXXVI. **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
- LXXXVII. **2 to 5-Years Follow-Up Results after Thoracoscopic VBT: A Single Surgeon's Experience**  
Alanay A., Ergene G., Yucekul A., Yılgör İ. Ç., Yalınay Dikmen P., Senay S.  
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- LXXXVIII. **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
- LXXXIX. **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

- XC. **Tether Breakage in a Mature Thoracolumbar Double Row Vertebral Body Tethering Patient**  
Alanay A., Yucekul A., Yilgör İ. Ç., Ergene G., Senay S., Yalinay Dikmen P.  
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- XCI. **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.  
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- XCII. **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
- XCIII. **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
- XCIV. **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., Yucekul A.  
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- XCV. **IS THORACOSCOPIC VBT A PULMONARY FUNCTION DECLINING OR IMPROVING SURGERY?**  
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- XCVI. **Is thoracoscopic VBT a pulmonary function declining or improving surgery?**  
Alanay A., Yilgör İ. Ç., Yucekul A., Ergene G., Senay S., Yalinay Dikmen P.  
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- XCVII. **Analgesic and opioid medication profile of european adult spinal deformity patients: minimum 5 years follow-up study**  
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- XCIX. **Does vertebral body tethering cause disc and facet joint degeneration? an MRI study with minimum 2-years follow-up**  
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- C. **2 to 5-years follow-up results after thoracoscopic VBT: a single surgeon's experience**  
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- CI. **Comparison of Rasterstereography and Radiographic Measurements in Coronal Plane Deformities**  
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- CII. **Does Vertebral Body Tethering Cause Disc and Facet Joint Degeneration? An MRI Study with Minimum 2-Years Follow-Up**

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CV. **A Multicenter Comparative Analysis of AVBT to PSF in the Treatment of Lenke 5 Curves**  
Alanay A.  
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CVI. **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

CVII. **ASSOCIATION BETWEEN SAGITTAL ALIGNMENT AND ADJACENT SEGMENT LOADING AS PREDICTED BY PATIENT-SPECIFIC MUSCULOSKELETAL SIMULATIONS**  
Alanay A., Yilgör İ. Ç.  
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CVIII. **ADULT CONGENITAL DEFORMITY: CLINICAL FEATURES AND MOTIVATIONS FOR SURGICAL TREATMENT**  
Alanay A.  
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CIX. **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.  
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CX. **Adolesan İdiyopatik Skolyoz da Vertebral Bant, Posterior Enstrümantasyon ve Füzyona karşı: Uyumlu Bir Kohort Analizi**  
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CXI. **SURGEONS' RISK PERCEPTION IN ASD SURGERY. THE VALUE OF MACHINE LEARNING RISK CALCULATORS ON DECISION MAKING AND PATIENT COUNSELLING**  
Alanay A.  
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CXII. **QUALITY METRICS IN ADULT SPINAL DEFORMITY (ASD) SURGERY OVER THE LAST DECADE. A COMBINED ANALYSIS OF THE LARGEST PROSPECTIVE MULTICENTRIC DATASETS**  
Alanay A.  
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CXIII. **PREDICTOR OF MECHANICAL FAILURES IN ADULT SPINAL DEFORMITY SURGERY WITH LONG LUMBOPELVIC FIXATIONS**  
Alanay A., Yilgör İ. Ç.  
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CXIV. **Correlations of Pelvic Incidence-Based Relative Radiographic Parameters to Lower Extremity Compensations**  
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CXV. **SRS-22r Score of a Prospective Evaluation of Elderly Deformity Surgery: A Prospective**

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Alanay A.

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- CXVI. **Efficacy of Adult Spinal Deformity Surgical Decision Making (ASD-SDM) Score in Patients Over 40 Years as an Indication for Surgical Management**  
Alanay A.  
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- CXVII. **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.  
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- CXVIII. **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
- CXIX. **Intraoperative Neuromonitoring Practice Patterns in Spinal Deformity Surgery**  
Alanay A., Yalınay Dikmen P., Yılgör İ. Ç., Yuçekul A.  
SRS Annual Meeting, 9 - 13 Eylül 2020, ss.43
- CXX. **Quality Metrics in Adult Spinal Deformity (ASD) Surgery Over the Last Decade: A Combined Analysis of the Largest Prospective Multicentric Datasets**  
Alanay A.  
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- CXXI. **Complications Unique to Vertebral Body Tethering: Complications that We Haven't Seen Before**  
Alanay A.  
IMAST, 10 Temmuz - 22 Ağustos 2020
- CXXII. **Forced Decision Tree Classifier for Determining Widespread Acting Features Affecting Mechanical Complications**  
Alanay A., Yuçekul A., Yılgör İ. Ç.  
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- CXXIII. **From Prediction to Prevention in Assessment of Risk of Mechanical Complications**  
Alanay A., Yılgör İ. Ç., Yuçekul A.  
IMAST, 10 Temmuz - 22 Ağustos 2020
- CXXIV. **Thoracoscopic Vertebral Body Tethering for Patients with >30 Degree Upper Thoracic Curves**  
Alanay A., Yuçekul A., Yılgör İ. Ç., Ergene G., Yalınay Dikmen P., Senay S.  
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- CXXV. **Assessment of Sagittal Shape and Alignment Using ShortCassette Radiographs and Intraoperative Fluoroscopic Images for Predicting Mechanical Complications**  
Alanay A., Yılgör İ. Ç., Yuçekul A.  
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- CXXVI. **Relative L4-S1 Lordosis: New PI-based Proportional Parameter that Aids the Interpretation of the Distribution of Lumbar Lordosis**  
Alanay A., Yılgör İ. Ç., Yuçekul A.  
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- CXXVII. **Thoracoscopic and Mini-Open Lumbar Anterior Vertebral Body Tethering for Thoracolumbar and Double Curves**  
Alanay A., Yılgör İ. Ç., Yuçekul A., Ergene G., Senay S.  
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- CXXVIII. **Predictive Surgical Planning and Initial Correction: Traditional Way by Using Growth Parameters (Risser, Menarche, Tanners, Sanders)**  
Alanay A.

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**CXXXIX. 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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**CXXX. 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**

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**CXXXI. Correlation of Pelvic Incidence-Based Relative Radiographic Parameters to Lower Extremity Compensations**

Alanay A.

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**CXXXII. Thoracoscopic Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Minimum 2 years Results of Patients Reaching Skeletal Maturity**

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**CXXXIII. FORCED DECISION TREE CLASSIFIER FOR DETERMINING WIDESPREAD ACTING FEATURES AFFECTING MECHANICAL COMPLICATIONS**

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XIII. Uluslararası Türk Omurga Kongresi, İzmir, Türkiye, 3 - 06 Nisan 2019, ss.121

**CXXXIV. Forced Decision Tree Classifier for Determining Widespread Acting Features Affecting Mechanical Complications**

Alanay A.

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**CXXXV. 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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**CXXXVI. Time-Dependent Interpretation of Mechanical Complications Using Cox Regression and Survival Analysis**

Alanay A.

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**CXXXVII. Importance of Postoperative and Follow-up Information on Prediction of Mechanical Complications**

Alanay A.

13th International Turkish Spine Congress, İzmir, Türkiye, 3 Nisan - 06 Aralık 2019

**CXXXVIII. Assessment of Sagittal Shape and Alignment Using Short-Cassette Radiographs and Intraoperative Fluoroscopic Images for Predicting Mechanical Complications**

Alanay A.

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**CXXXIX. Vertebral Body Tethering vs Posterior Instrumentation and Fusion for Adolescent Idiopathic Scoliosis: A Matched Cohort Analysis**

Alanay A.

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**CXL. Brace and Weaned vs Brace and Operated Adolescent Idiopathic Scoliosis Patients: Amatched Cohort Analysis**

Alanay A.

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## Results of Patients Reaching Skeletal Maturity

Alanay A.

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- CXLII. **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**  
Alanay A.  
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- CXLIII. **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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- CXLIV. **Non-fusion Thoracoscopic Anterior Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Preliminary Results of a Single European Center..**  
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- CXLV. **Yetmiş Yaş ve Üzeri Hastalarda Erişkin Omurga Deformitesi Tedavisi: İki Yıl Takipli Hastaların Sonuçları**  
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- CXLVI. **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 ?**  
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- CXLVIII. **ANTERIOR VERTEBRAL BODY TETHERING FOR ADOLESCENT IDIOPATHIC SCOLIOSIS: 19 PATIENTS WITH MINIMUM 1-YEAR FOLLOW-UP**  
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- CXLIX. **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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- CL. **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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- CLIII. **Minimum Detectable Change (MDC) and Minimum Clinically Important Difference (MCID) of Health Related Quality of Life Parameters in Adult Spinal Deformity**  
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- CLIV. **Sagittal Realignment Goals Should Be Set to Ideal Proportionate Shape and Alignment Independent of Age**  
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- CLVI. **Failure to Validate the Age-Adjusted Alignment Thresholds Concept in an Adult Spinal Deformity Database**  
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- CLVII. **Non-fusion Growth Modulation with Anterior Vertebral Body Tethering (VBT) for Adolescent Idiopathic Scoliosis: A Promising Minimal Invasive Alternative to Traditional Treatment**  
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- CLXV. **Cognitive Impairment Following Adult Spinal Deformity Surgery**

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- CLXVI. **Which factors influence the surgery vs. non-surgery decision for adult idiopathic scoliosis patients with gray zone (40-55o) main thoracic curves?**

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

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

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## **Bilimsel Kuruluşlardaki Üyelikler / Görevler**

Eurospine, Başkan, 2023 - Devam Ediyor , İsviçre

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

North American Spine Society, Üye, 2002 - Devam Ediyor , Amerika Birleşik Devletleri

AO Spine, Üye, 1999 - Devam Ediyor , İsviçre

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Scoliosis Research Society, Üye, 1998 - Devam Ediyor , Amerika Birleşik Devletleri

Türk Omurga Derneği, Üye, 1998 - Devam Ediyor , Türkiye

European Federation of Orthopaedics and Traumatology (EFORT), Üye, 1996 - Devam Ediyor , İsviçre

Türk Ortopedi ve Travmatoloji Birliği Derneği, Üye, 1993 - Devam Ediyor , Türkiye  
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SPINE JOURNAL, SCI-E Kapsamındaki Dergi, Ocak 2019  
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## 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

## Bilimsel Araştırma / Çalışma Grubu Üyelikleri

Harms Study Group, Setting Scoliosis Straight Foundation, Amerika Birleşik Devletleri, <https://hsg.settingscoliosisstraight.org/>, 2018 - Devam Ediyor  
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European Spine Study Group, European Spine Study Group, İspanya, [spine-essg.com](http://spine-essg.com), 2010 - Devam Ediyor

## Metrikler

Yayın: 405  
Atıf (WoS): 3884  
Atıf (Scopus): 5320  
H-İndeks (WoS): 34  
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## 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  
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4th International Scoliosis Symposium, Davetli Konuşmacı, İstanbul, Türkiye, 2023  
58TH ANNUAL SRS MEETING, Moderatör, Washington, Amerika Birleşik Devletleri, 2023  
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58TH SRS ANNUAL MEETING, Panelist, 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  
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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  
Eursopine, Moderatör, Vienna, Avusturya, 2021  
Eurospine, Davetli Konuşmacı, Vienna, Avusturya, 2021  
SRS Annual Meeting, Moderatör, Missouri, Amerika Birleşik Devletleri, 2021  
SRS Annual Meeting, Davetli Konuşmacı, 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., Louis A. Goldstein Best Clinical Research Poster Award, Scoliosis Research Society (Srs), Eylül 2023  
Alanay A., IHH Medical Excellence Award, Ihh Healthcare Group, 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., Yucekul 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., 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., Yucekul 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., 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