

Prof.Dr. Ahmet ALANAY

Kişisel Bilgiler

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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.

Eğitim Bilgileri

Tıpta Uzmanlık, Hacettepe Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Türkiye 1991 - 1996
Lisans, Ankara Üniversitesi, Tıp Fakültesi, 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., Acibadem Mehmet Ali Aydınlar Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2014 - Devam Ediyor

Verdiği Dersler

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

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Relationship between pelvic incidence-adjusted relative spinopelvic parameters, global sagittal alignment and lower extremity compensations**
Yucekul A., Ozpinar A., Klickan F. D. B., Dalla M., Muthiah N., Zulemyan T., Yavuz Y., Pizones J., Obeid I., Kleinstück F., et al.
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- II. **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.
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- III. **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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- IV. **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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- V. **Revision surgery following long lumbopelvic constructs for adult spinal deformity: prospective experience from two dedicated databases**
 Haddad S., Yasuda T., Vila-Casademunt A., YILGÖR İ. Ç., Nunez-Pereira S., Ramirez M., Pizones J., ALANAY A., Kleinstuck F., Obeid I., 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.
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- VII. **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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- VIII. **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.
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- IX. **Operative differences for posterior spinal fusion after vertebral body tethering: Are we fusing more levels in the end?**
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- X. **Long-term opioid medication profile of European adult spinal deformity patients: minimum five years follow-up study**
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- XI. **Anterior Vertebral Body Tethering Compared with Posterior Spinal Fusion for Major Thoracic Curves A Retrospective Comparison by the Harms Study Group**
 Newton P. O., Parent S., Miyanji F., ALANAY A., Lonner B. S., Neal K. M., Hoernschemeyer D. G., Yaszay B., Blakemore L. C., Shah S. A., et al.
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- XII. **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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- XIII. **Surgical site infection is a major risk factor of pseudarthrosis in adult spinal deformity surgery**
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- XIV. **Prevalence of benign bone lesions of the lower extremity in the pediatric spinal disorders: a whole-body imaging study**
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- XV. **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., Miyanji F., Hoernschemeyer D. G., ALANAY A., Blakemore L., Neal K., et al.
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- XVI. **Domino connector is an efficient tool to improve lumbar lordosis correction angle after pedicle subtraction osteotomy for adult spinal deformity**
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- XVII. **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.
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- XVIII. **Comparison of short versus long fusion in the treatment of adult lumbar spinal deformity: surgical, radiographic and patient-reported outcomes.**
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- XIX. **Surgeons' risk perception in ASD surgery: The value of objective risk assessment on decision making and patient counselling**
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- XX. **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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- XXI. **A Review on Cutaneous and Musculoskeletal Manifestations of CLOVES Syndrome.**
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- XXII. **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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- XXIII. **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-Baillo N., Sánchez-Márquez J. M., Obeid I., Kleinstück F., et al.
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- XXIV. **Multiple-Rod Constructs Do Not Reduce Pseudarthrosis and Rod Fracture After Pedicle Subtraction Osteotomy for Adult Spinal Deformity Correction but Improve Quality of Life.**
 Bourghli A., Boissière L., Kieser D., Larrieu D., Pizones J., Alanay A., Pellisé F., Kleinstück F., Obeid I.
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- XXV. **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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- XXVI. **Does vertebral body tethering cause disc and facet joint degeneration? A preliminary MRI study with minimum two years follow-up**
 Yucekul A., Akpunarli B., Durbas A., Zulemyan T., Havlucu I., Ergene G., Senay S., Dikmen P., Balci S. T., Karaarslan E.,

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- XXVII. 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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- XXVIII. Evaluation of Global Alignment and Proportion Score in an Independent Database.**
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- XXIX. 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.
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- XXX. 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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- XXXI. The dynamics of satisfaction in surgical and non-surgical adult spinal deformity patients**
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- XXXII. Prediction of satisfaction after correction surgery for adult spinal deformity: differences between younger and older patients**
Hayashi K., Boissiere L., Larrieu D., Bourghli A., Gille O., Vital J., Guevara-Villazon F., Pellise F., Sanchez Perez-Grueso F. J., Kleinstuck F., et al.
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- XXXIII. Thoracoscopic Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Follow-up Curve Behavior According to Sanders Skeletal Maturity Staging.**
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- XXXIV. Clinical Performance and Concurrent Validity of the Adult Spinal Deformity Surgical Decision-making Score**
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- XXXV. 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.**
Mannion A. F., Loibl M., Bago J., Vila-Casademunt A., Richner-Wunderlin S., Fekete T. F., Haschtmann D., Jeszenszky D., Pellise F., Alanay A., et al.
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- XXXVI. Effect of lumbar pedicle subtraction osteotomy level on lordosis distribution and shape.**
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- XXXVII. Opioids and analgesics use after adult spinal deformity surgery correlates with sagittal alignment and preoperative analgesic pattern**

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- XXXVIII. **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**
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- XXXIX. **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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- XL. **Restoring the ideal Roussouly sagittal profile in adult scoliosis surgery decreases the risk of mechanical complications**
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- XLI. **Development and validation of risk stratification models for adult spinal deformity surgery**
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- XLII. **Impact of resolved early major complications on 2-year follow-up outcome following adult spinal deformity surgery**
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- XLIII. **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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- XLIV. **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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- XLV. **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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- XLVI. **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**
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- XLVII. **The long and short of it: outcome assessment using the SRS-instrument in patients with adult spinal**

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XLVIII. What do patients consider to be an acceptable level of symptoms to live with after surgery for adult spinal deformity?

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XLIX. Responding to Intraoperative Neuromonitoring Changes During Pediatric Coronal Spinal Deformity Surgery

Lewis S. J., Wong I. H. Y., Strantzas S., Holmes L. M., Vreugdenhil I., Bensky H., Nielsen C. J., Zeller R., Lebel D. E., de Kleuver M., et al.

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L. Impact of Adult Scoliosis on Roussouly Sagittal Shape Classification

Pizones J., Martin M. B., Perez-Grueso F. J. S., Yilgor C., Vila-Casademunt A., Serra-Burriel M., Obeid I., ALANAY A., Acaroglu E. R., Pellisé F.

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L1. Factors associated with having an indication for surgery in adult spinal deformity: an international european multicentre study

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LII. Factors influencing patient satisfaction after adult scoliosis and spinal deformity surgery

Hayashi K., Boissière L., Guevara-Villazón F., Larrieu D., Núñez-Pereira S., Bourghli A., Gille O., Vital J., Pellisé F., Pérez-Grueso F. J. S., et al.

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LIII. The impact of deep surgical site infection on surgical outcomes after posterior adult spinal deformity surgery: a matched control study

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LIV. NRS20: Combined Back and Leg Pain Score: A Simple and Effective Assessment of Adult Spinal Deformity

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LV. Relative pelvic version: an individualized pelvic incidence-based proportional parameter that quantifies pelvic version more precisely than pelvic tilt

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- CIII. From Prediction to Prevention in Assessment of Risk of Mechanical Complications**
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Yayın: 367
Atıf (WoS): 3551
Atıf (Scopus): 4109
H-İndeks (WoS): 31
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Kongre ve Sempozyum Katılımı Faaliyetleri

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SRS Annual Meeting, Davetli Konuşmacı, Stockholm, İsveç, 2022
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