

Prof. Ahmet ALANAY

Personal Information

Office Phone: [+90 212 304 3636](tel:+902123043636)

Email: Ahmet.Alanay@acibadem.edu.tr

Web: <https://avesis.acibadem.edu.tr/Ahmet.Alanay>

Address: Acibadem Maslak Hastanesi Omurga Saęlıęı Merkezi Büyükdere Cad. No:40 34457 Maslak Sarıyer Istanbul

International Researcher IDs

ORCID: 0000-0003-2252-6647

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

Yoksis Researcher ID: 201733

Biography

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.

Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Turkey 1991 - 1996

Undergraduate, Ankara University, Tıp Fakültesi, Turkey 1982 - 1988

Foreign Languages

German, A1 Beginner

English, C1 Advanced

Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Orthopedics and Traumatology

Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Surgical Sciences, 2014 - Continues

Courses

Orthopedy & PTR General Case Discussion, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.33, no.5, pp.1857-1867, 2024 (SCI-Expanded)
- II. **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, vol.106, no.8, pp.681-689, 2024 (SCI-Expanded)
- III. **Incidence of Tether Breakage in Anterior Vertebral Body Tethering**
Cahill P. J., Miyanji F., Lullo B. R., Samdani A. F., Lonner B. S., Pahys J. M., Hwang S. W., Haber L. L., Alanay A., Shah S. A., et al.
Journal of Pediatric Orthopaedics, vol.44, no.4, 2024 (SCI-Expanded)
- IV. **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.
JOURNAL OF CLINICAL MEDICINE, vol.13, no.7, 2024 (SCI-Expanded)
- V. **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.

PLoS ONE, vol.19, no.4 April, 2024 (SCI-Expanded)

- VI. **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.
CHILDREN-BASEL, vol.11, no.1, 2024 (SCI-Expanded)
- VII. **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.
GLOBAL SPINE JOURNAL, 2023 (SCI-Expanded)
- 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**
Boissiere L., Bourghli A., Kieser D., Larrieu D., ALANAY A., Pellise F., Kleinstuck F., Loibl M., Pizones J., Obeid I.
SPINE JOURNAL, vol.23, no.12, pp.1900-1907, 2023 (SCI-Expanded)
- IX. **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.
EUROPEAN SPINE JOURNAL, vol.32, no.10, pp.3666-3672, 2023 (SCI-Expanded)
- X. **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.
EUROPEAN SPINE JOURNAL, vol.32, no.10, pp.3599-3607, 2023 (SCI-Expanded)
- XI. **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.
EUROPEAN SPINE JOURNAL, vol.32, pp.3673-3680, 2023 (SCI-Expanded)
- XII. **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.
GLOBAL SPINE JOURNAL, vol.13, no.6, pp.1646-1657, 2023 (SCI-Expanded)
- XIII. **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, vol.13, no.6, pp.1490-1501, 2023 (SCI-Expanded)
- XIV. **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.
EUROPEAN SPINE JOURNAL, vol.32, no.6, pp.2238-2247, 2023 (SCI-Expanded)
- XV. **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.
GLOBAL SPINE JOURNAL, 2023 (SCI-Expanded)

- XVI. **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.
EUROPEAN SPINE JOURNAL, vol.32, no.5, pp.1787-1799, 2023 (SCI-Expanded)
- 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**
Jentsch 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, 2023 (SCI-Expanded)
- XVIII. **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-Gruoso F. J. S., Sanchez-Marquez J. M., Fernandez Baillo N, Kleinstuck F, ALANAY A, Pellise F., et al.
EUROPEAN SPINE JOURNAL, vol.32, no.3, pp.914-925, 2023 (SCI-Expanded)
- XIX. **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.
EUROPEAN SPINE JOURNAL, vol.32, no.2, pp.625-633, 2023 (SCI-Expanded)
- XX. **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, vol.23, no.2, pp.209-218, 2023 (SCI-Expanded)
- 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**
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, vol.32, no.2, pp.571-583, 2023 (SCI-Expanded)
- XXII. **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., Miyajni F., ALANAY A., Lonner B. S., Neal K. M., Hoernschemeyer D. G., Yaszay B., Blakemore L. C., Shah S. A., et al.
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, vol.104, no.24, pp.2170-2177, 2022 (SCI-Expanded)
- XXIII. **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, vol.31, no.12, pp.3337-3346, 2022 (SCI-Expanded)
- XXIV. **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, vol.22, no.12, pp.2059-2065, 2022 (SCI-Expanded)
- XXV. **Prevalence of benign bone lesions of the lower extremity in the pediatric spinal disorders: a whole-body imaging study**
Yucekul A., Karaytug K., Bakircioglu S., Zulemyan T., Sirin B. K., Karaarslan E., Yilgor C., Alanay A.
JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B, vol.31, no.6, pp.583-590, 2022 (SCI-Expanded)
- XXVI. **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, vol.104, no.18, pp.1629-1638, 2022 (SCI-Expanded)

- XXVII. **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, vol.31, no.9, pp.2408-2414, 2022 (SCI-Expanded)
- XXVIII. **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, vol.31, no.7, pp.1754-1764, 2022 (SCI-Expanded)
- XXIX. **Comparison of short versus long fusion in the treatment of adult lumbar spinal deformity: surgical, radiographic and patient-reported outcomes.**
Kleinstuck F. S, Richner-Wunderlin S, Vila-Casademunt A, de Villa A. R, Loibl M, ALANAY A, Pellise F, Perez-Grueso F. S, Pizones J.
SWISS MEDICAL WEEKLY, 2022 (SCI-Expanded)
- XXX. **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.
EUROPEAN SPINE JOURNAL, vol.31, no.5, pp.1174-1183, 2022 (SCI-Expanded)
- 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**
Kieser D, YÜKSEL S, Boissiere L, Yilgor C, Cawley D, Hayashi K, ALANAY A, Kleinstueck F, Pellise F, Perez-Grueso F, et al.
EUROPEAN SPINE JOURNAL, vol.31, no.5, pp.1166-1173, 2022 (SCI-Expanded)
- XXXII. **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.
Clinical, cosmetic and investigational dermatology, vol.15, pp.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.**
Pellisé F, Serra-Burriel M, Vila-Casademunt A, Gum J. L, Obeid I, Smith J. S, Kleinstück F. S, Bess S, Pizones J, Lafage V, et al.
Journal of neurosurgery. Spine, vol.36, pp.226-234, 2022 (SCI-Expanded)
- XXXIV. **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.
EUROPEAN SPINE JOURNAL, vol.31, no.1, pp.112-122, 2022 (SCI-Expanded)
- 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.**
Bourghli A, Boissière L, Kieser D, Larrieu D, Pizones J, Alanay A, Pellisé F, Kleinstück F, Obeid I.
Neurospine, vol.18, pp.816-823, 2021 (SCI-Expanded)
- 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).**
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, vol.21, no.11, pp.1775-1783, 2021 (SCI-Expanded)
- XXXVII. **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, et al.

SPINE JOURNAL, vol.21, no.11, pp.1793-1801, 2021 (SCI-Expanded)

XXXVIII. 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.

NEUROSPINE, vol.18, no.3, pp.475-480, 2021 (SCI-Expanded)

XXXIX. Evaluation of Global Alignment and Proportion Score in an Independent Database.

Gupta M. C., Yilgor C., Moon H. J., Lertudomphonwanit T., Alanay A., Lenke L., Bridwell K. H.

The spine journal : official journal of the North American Spine Society, vol.21, pp.1549-1558, 2021 (SCI-Expanded)

XL. 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, vol.30, no.7, pp.1912-1919, 2021 (SCI-Expanded)

XLI. 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, vol.30, pp.2033-2039, 2021 (SCI-Expanded)

XLII. 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.

EUROPEAN SPINE JOURNAL, vol.30, no.5, pp.1235-1246, 2021 (SCI-Expanded)

XLIII. 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., Kleinstueck F., et al.

EUROPEAN SPINE JOURNAL, vol.29, no.12, pp.3051-3062, 2020 (SCI-Expanded)

XLIV. 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. Spine, vol.45, 2020 (SCI-Expanded)

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.

SPINE, vol.45, no.14, 2020 (SCI-Expanded)

XLVI. 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.

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, vol.29, pp.1340-1352, 2020 (SCI-Expanded)

XLVII. Effect of lumbar pedicle subtraction osteotomy level on lordosis distribution and shape.

Pizones J., Moreno-Manzanaro L., Sanchez Perez-Grueso F. J., Vila-Casademunt A., Yilgor C., Boissiere L., ALANAY A., Kleinstueck F., Acaroglu E. R., Pellise F., 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, vol.29, no.6, pp.1388-1396, 2020 (SCI-Expanded)
- XLVIII. **Opioids and analgesics use after adult spinal deformity surgery correlates with sagittal alignment and preoperative analgesic pattern**
Bourghli A., Boissiere L., Larrieu D., Kaissar F., Cawley D., Fujishiro T., Kieser D., Gille O., Vital J., Alanay A., et al.
EUROPEAN SPINE JOURNAL, vol.29, no.1, pp.73-84, 2020 (SCI-Expanded)
- XLIX. **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.
EUROPEAN SPINE JOURNAL, vol.29, no.1, pp.45-53, 2020 (SCI-Expanded)
- L. **Mental health status and sagittal spinopelvic alignment correlate with self-image in patients with adult spinal deformity before and after corrective surgery**
Hayashi K., Boissière L., Guevara-Villazón F., Larrieu D., Bourghli A., Gille O., Vital J., Pellisé F., Pérez-Gruoso F. J. S., Kleinstück F., et al.
EUROPEAN SPINE JOURNAL, vol.29, no.1, pp.63-72, 2020 (SCI-Expanded)
- LI. **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.
EUROPEAN SPINE JOURNAL, vol.29, no.1, pp.54-62, 2020 (SCI-Expanded)
- LII. **Development and validation of risk stratification models for adult spinal deformity surgery**
Pellisé F., Serra-Burriel M., Smith J. S., Haddad S., Kelly M. P., Vila-Casademunt A., Pérez-Gruoso F. J. S., Bess S., Gum J. L., Burton D. C., et al.
Journal of Neurosurgery: Spine, vol.31, no.4, pp.587-599, 2019 (SCI-Expanded)
- LIII. **Development of predictive models for all individual questions of SRS-22R after adult spinal deformity surgery: a step toward individualized medicine**
Ames C. P., Smith J. S., Pellisé F., Kelly M., Gum J. L., ALANAY A., Acaroğlu E., Pérez-Gruoso F. J. S., Kleinstück F. S., Obeid I., et al.
European Spine Journal, vol.28, no.9, pp.1998-2011, 2019 (SCI-Expanded)
- 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.
European Spine Journal, vol.28, no.9, pp.2208-2215, 2019 (SCI-Expanded)
- 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**
Ames C. P., Smith J. S., Pellisé F., Kelly M. P., Gum J. L., ALANAY A., Acaroğlu E., Pérez-Gruoso F. J. S., Kleinstück F. S., Obeid I., et al.
Spine, vol.44, no.16, pp.1144-1153, 2019 (SCI-Expanded)
- LVI. **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**
Ames C. P., Smith J. S., Pellise F., Kelly M., Alanay A., Acaroglu E., Sanchez Perez-Gruoso F. J., Kleinstueck F., Obeid I., Vila-Casademunt A., et al.
Spine, vol.44, no.13, pp.915-926, 2019 (SCI-Expanded)
- LVII. **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**
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.
European Spine Journal, vol.28, no.7, pp.1652-1660, 2019 (SCI-Expanded)
- LVIII. **The long and short of it: outcome assessment using the SRS-instrument in patients with adult spinal deformity**
Mannion A. F., Elfering A., Bago J., Pellise F., Vila A., Richner-Wunderlin S., Loibl M., Obeid I., Alanay A., Grueso F. P., et al.
SWISS MEDICAL WEEKLY, vol.149, 2019 (SCI-Expanded)
- LIX. **What do patients consider to be an acceptable level of symptoms to live with after surgery for adult spinal deformity?**
Mannion A. F., Richner-Wunderlin S., Obeid I., Pellise F., Bago J., Alanay A., Grueso F. P., Kleinstuck F. S.
SWISS MEDICAL WEEKLY, vol.149, 2019 (SCI-Expanded)
- LX. **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.
Global Spine Journal, vol.9, 2019 (SCI-Expanded)
- LXI. **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.
Spine, vol.44, no.4, pp.270-279, 2019 (SCI-Expanded)
- LXII. **Factors associated with having an indication for surgery in adult spinal deformity: an international european multicentre study**
Richner-Wunderlin S., Mannion A. F., Vila-Casademunt A., Pellise F., Serra-Burriel M., Seifert B., Aghayev E., Acaroglu E., Alanay A., Perez-Grueso F. J. S., et al.
European Spine Journal, vol.28, no.1, pp.127-137, 2019 (SCI-Expanded)
- LXIII. **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.
Journal of Neurosurgery: Spine, vol.31, no.3, pp.408-417, 2019 (SCI-Expanded)
- LXIV. **Relative pelvic version: an individualized pelvic incidence-based proportional parameter that quantifies pelvic version more precisely than pelvic tilt**
YILGÖR İ. Ç., YAVUZ Y., Sogunmez N., Haddad S., Mannion A. F., Abul K., Boissiere L., Obeid I., Kleinstuck F., Sanchez Perez-Grueso F. J., et al.
SPINE JOURNAL, vol.18, no.10, pp.1787-1797, 2018 (SCI-Expanded)
- LXV. **The impact of deep surgical site infection on surgical outcomes after posterior adult spinal deformity surgery: a matched control study**
Haddad S., Nunez-Pereira S., Pigrau C., Rodriguez-Pardo D., Vila-Casademunt A., Alanay A., Acaroglu E. R., Kleinstueck F. S., Obeid I., Sanchez Perez-Grueso F. J., et al.
European Spine Journal, vol.27, no.10, pp.2518-2528, 2018 (SCI-Expanded)
- LXVI. **NRS20: Combined Back and Leg Pain Score: A Simple and Effective Assessment of Adult Spinal Deformity**
Cawley D. T., Larrieu D., Fujishiro T., Kieser D., Boissiere L., Acaroglu E., Alanay A., Kleinstuck F., Pellise F., Perez-Grueso F. S., et al.
IRISH JOURNAL OF MEDICAL SCIENCE, vol.187, pp.319, 2018 (SCI-Expanded)
- LXVII. **Decision-making factors in the treatment of adult spinal deformity**
Fujishiro T., Boissière L., Cawley D. T., Larrieu D., Gille O., Vital J., Pellisé F., Pérez-Grueso F. J. S., Kleinstück F., Acaroglu E., et al.
European Spine Journal, vol.27, no.9, pp.2312-2321, 2018 (SCI-Expanded)
- LXVIII. **External validation of the adult spinal deformity (ASD) frailty index (ASD-FI)**
Miller E. K., Vila-Casademunt A., Neuman B. J., Sciubba D. M., Kebaish K. M., Smith J. S., Alanay A., Acaroglu E. R., Kleinstück F., Obeid I., et al.

- European Spine Journal, vol.27, no.9, pp.2331-2338, 2018 (SCI-Expanded)
- LXIX. **Impact of Iliac Instrumentation on the Quality of Life of Patients With Adult Spine Deformity**
Martín-Buitrago M. P., Pizones J., Sánchez Pérez-Grueso F. J., Díaz Almirón M., Vila-Casademunt A., Obeid I., Alanay A., Kleinstück F., Acaroglu E. R., Pellisé F.
Spine, vol.43, no.13, pp.913-918, 2018 (SCI-Expanded)
- LXX. **Impact of early unanticipated revision surgery on health-related quality of life after adult spinal deformity surgery**
Nunez-Pereira S., Vila-Casademunt A., Domingo-Sabat M., Bago J., Acaroglu E. R., Alanay A., Obeid I., Sanchez Perez-Grueso F. J., Kleinstueck F., Pellise F.
Spine Journal, vol.18, no.6, pp.926-934, 2018 (SCI-Expanded)
- LXXI. **Sagittal radiographic parameters demonstrate weak correlations with pretreatment patient-reported health-related quality of life measures in symptomatic de novo degenerative lumbar scoliosis: A european multicenter analysis**
Faraj S. S. A., De Kleuver M., Vila-Casademunt A., Holewijn R. M., Obeid I., Acaroğlu E., ALANAY A., Kleinstück F., Pérez-Grueso F. S., Pellisé F.
Journal of Neurosurgery: Spine, vol.28, no.6, pp.573-580, 2018 (SCI-Expanded)
- LXXII. **An international consensus on the appropriate evaluation and treatment for adults with spinal deformity**
Berven S. H., Kamper S. J., Germscheid N. M., Dahl B., Shaffrey C. I., Lenke L. G., Lewis S. J., Cheung K. M., Alanay A., Ito M., et al.
European Spine Journal, vol.27, no.3, pp.585-596, 2018 (SCI-Expanded)
- LXXIII. **Factor analysis of the SRS-22 outcome assessment instrument in patients with adult spinal deformity**
Mannion A. F., Elfering A., Bago J., Pellise F., Vila-Casademunt A., Richner-Wunderlin S., Domingo-Sabat M., Obeid I., Acaroglu E., Alanay A., et al.
European Spine Journal, vol.27, no.3, pp.685-699, 2018 (SCI-Expanded)
- LXXIV. **The Adult Deformity Surgery Complexity Index (ADSCI): a valid tool to quantify the complexity of posterior adult spinal deformity surgery and predict postoperative complications**
Pellise F., Vila-Casademunt A., Nunez-Pereira S., Domingo-Sabat M., Bago J., Vidal X., Alanay A., Acaroglu E., Kleinstuck F., Obeid I., et al.
Spine Journal, vol.18, no.2, pp.216-225, 2018 (SCI-Expanded)
- LXXV. **Analysis of factors affecting baseline SF-36 Mental Component Summary in Adult Spinal Deformity and its impact on surgical outcomes**
Mmopelwa T., Ayhan S., YÜKSEL S., Nabyev V., Niyazi A., Pellise F., ALANAY A., Perez Grueso F. J. S., Kleinstuck F., Obeid I., et al.
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.52, no.3, pp.179-184, 2018 (SCI-Expanded)
- LXXVI. **Novel Nonfusion Growth-Modulating Techniques for Pediatric Scoliosis**
Yilgor C., Alanay A.
AOSPINE MASTERS SERIES, VOL 9: PEDIATRIC SPINAL DEFORMITIES, pp.53-62, 2018 (SCI-Expanded)
- LXXVII. **NRS20: Combined back and leg pain score: A simple and effective assessment of adult spinal deformity**
Cawley D. T., Larrieu D., Fujishiro T., Kieser D., Boissiere L., Acaroglu E., Alanay A., Kleinstück F., Pellisé F., Pérez-Grueso F. S., et al.
Spine, vol.43, no.17, pp.1184-1192, 2018 (SCI-Expanded)
- LXXVIII. **Relative lumbar lordosis and lordosis distribution index: individualized pelvic incidence-based proportional parameters that quantify lumbar lordosis more precisely than the concept of pelvic incidence minus lumbar lordosis**
YILGÖR İ. Ç., Sogunmez N., YAVUZ Y., Abul K., Boissiere L., Haddad S., Obeid I., Kleinstuck F., Sanchez Perez-Grueso F. J., Acaroglu E., et al.
NEUROSURGICAL FOCUS, vol.43, no.6, 2017 (SCI-Expanded)
- LXXIX. **Unplanned Reoperations in Magnetically Controlled Growing Rod Surgery for Early Onset Scoliosis With a Minimum of Two-Year Follow-Up**

Kwan K. Y. H., ALANAY A., YAZICI M., Demirkiran G., Helenius I., Nnadi C., Ferguson J., Akbarnia B. A., Cheung J. P. Y., Cheung K. M. C.

SPINE, vol.42, no.24, 2017 (SCI-Expanded)

- LXXX. **Adult spinal deformity**
Shaffrey C. I., Smith J. S., Ames C. P., Yagi M., Alanay A., Ha Y.
Neurosurgical Focus, vol.43, no.6, 2017 (SCI-Expanded)
- LXXXI. **Global Alignment and Proportion (GAP) Score Development and Validation of a New Method of Analyzing Spinopelvic Alignment to Predict Mechanical Complications After Adult Spinal Deformity Surgery**
YILGÖR İ. Ç., Sogunmez N., Boissiere L., YAVUZ Y., Obeid I., Kleinstuck F., Perez-Grueo F. J. S., Acaroglu E., Haddad S., Mannion A. F., et al.
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, vol.99, no.19, 2017 (SCI-Expanded)
- LXXXII. **Are sagittal spinopelvic radiographic parameters significantly associated with quality of life of adult spinal deformity patients? Multivariate linear regression analyses for pre-operative and short-term post-operative health-related quality of life**
Takemoto M., Boissiere L., Vital J., Pellise F., Sanchez Perez-Grueso F. J., Kleinstuck F., Acaroglu E. R., Alanay A., Obeid I.
European Spine Journal, vol.26, no.8, pp.2176-2186, 2017 (SCI-Expanded)
- LXXXIII. **Lack of improvement in health-related quality of life (HRQOL) scores 6 months after surgery for adult spinal deformity (ASD) predicts high revision rate in the second postoperative year**
Bourghli A., Boissiere L., Larrieu D., Vital J., Yilgor C., Pellisé F., Alanay A., Acaroglu E., Perez-Grueso F., Kleinstück F., et al.
European Spine Journal, vol.26, no.8, pp.2160-2166, 2017 (SCI-Expanded)
- LXXXIV. **Structural validity of the SRS-22 questionnaire in patients with adult spinal deformity**
Mannion A. F., Elfering A., Bago J., Pellise F., Wunderlin S., Domingo-Sabat M., Vila-Casademunt A., Carreon L., Baldus C., Obeid I., et al.
SWISS MEDICAL WEEKLY, vol.147, 2017 (SCI-Expanded)
- LXXXV. **Factors associated with having an indication for surgery in patients with adult spinal deformity (ASD)**
Wunderlin S., Mannion A. F., Pellise F., Serra-Burriel M., Obeid I., Acaroglu E., Alanay A., Perez-Grueso F. S., Domingo-Sabat M., Kleinstuck F.
SWISS MEDICAL WEEKLY, vol.147, 2017 (SCI-Expanded)
- LXXXVI. **Global tilt and lumbar lordosis index: two parameters correlating with health-related quality of life scores—but how do they truly impact disability?**
Boissière L., Takemoto M., Bourghli A., Vital J., Pellisé F., Alanay A., Yilgor C., Acaroglu E., Perez-Grueso F. J., Kleinstück F., et al.
Spine Journal, vol.17, no.4, pp.480-488, 2017 (SCI-Expanded)
- LXXXVII. **Advantages and disadvantages of adult spinal deformity surgery and its impact on health-related quality of life**
Yoshida G., Boissiere L., Larrieu D., Bourghli A., Vital J. M., Gille O., Pointillart V., Challier V., Mariey R., Pellisé F., et al.
Spine, vol.42, no.6, pp.411-419, 2017 (SCI-Expanded)
- LXXXVIII. **Function and clinical symptoms are the main factors that motivate thoracolumbar adult scoliosis patients to pursue surgery**
Pizones J., Martín-Buitrago M. P., Perez-Grueso F. J. S., Vila-Casademunt A., Alanay A., Obeid I., Kleinstück F., Acaroglu E. R., Pellise F.
Spine, vol.42, no.1, 2017 (SCI-Expanded)
- LXXXIX. **Global tilt: a single parameter incorporating spinal and pelvic sagittal parameters and least affected by patient positioning**
Obeid I., Boissière L., Yilgor C., Larrieu D., Pellisé F., Alanay A., Acaroglu E., Perez-Grueso F., Kleinstück F., Vital J., et al.
European Spine Journal, vol.25, no.11, pp.3644-3649, 2016 (SCI-Expanded)

- XC. **Expert's comment concerning Grand Rounds case entitled "A case of severe and rigid congenital thoracolumbar lordoscoliosis with diastematomyelia presenting with type 2 respiratory failure: managed by staged correction with controlled axial traction" by V. Kanagaraju et al. (Eur Spine J; doi:10.1007/s00586-014-3624-0)**
Alanay A.
European Spine Journal, vol.25, no.10, pp.3042-3043, 2016 (SCI-Expanded)
- XCI. **Sagittal malalignment has a significant association with postoperative leg pain in adult spinal deformity patients**
Takemoto M., Boissiere L., Novoa F., Vital J., Pellise F., Sanchez Perez-Grueso F. J., Kleinstuck F., Acaroglu E. R., Alanay A., Obeid I.
European Spine Journal, vol.25, no.8, pp.2442-2451, 2016 (SCI-Expanded)
- XCII. **Radiologic and Clinical Outcome of the Operated and Adjacent Segments Following Prodisc-C Cervical Arthroplasty after a Minimum 24-month Follow-up: A Single Surgeon-center Experience**
Sirikci M., Karaca S., Enercan M., Sarier M., Erdem M. N., ALANAY A., Hamzaoglu A.
Neurosurgery Quarterly, vol.26, no.3, pp.234-239, 2016 (SCI-Expanded)
- XCIII. **The Core Outcome Measures Index (COMI) is a responsive instrument for assessing the outcome of treatment for adult spinal deformity**
Mannion A., Vila-Casademunt A., Domingo-Sabat M., Wunderlin S., Pellisé F., Bago J., Acaroglu E., Alanay A., Pérez-Grueso F., Obeid I., et al.
European Spine Journal, vol.25, no.8, pp.2638-2648, 2016 (SCI-Expanded)
- XCIV. **Convex Instrumented Hemiepiphysiodesis with Concave Distraction: A Treatment Option for Long Sweeping Congenital Curves**
Demirkiran G., Dede O., AYVAZ M., Bas C. E., Alanay A., YAZICI M.
Journal of Pediatric Orthopaedics, vol.36, no.3, pp.226-231, 2016 (SCI-Expanded)
- XCv. **Adult spinal deformity: A very heterogeneous population of patients with different needs**
Acaroglu R. E., Dede Ö., Pellisé F., Güler Ü. O., Domingo-Sabat M., Alanay A., Pérez-Grueso F. S., Kleinstück F., Obeid I., Pellisé F., et al.
Acta Orthopaedica et Traumatologica Turcica, vol.50, no.1, pp.57-62, 2016 (SCI-Expanded)
- XCVI. **The change of whole lumbar segmental motion according to the mobility of degenerated disc in the lower lumbar spine: a kinetic MRI study**
Lee S., Daffner S. D., Wang J. C., Davis B. C., Alanay A., Kim J. S.
European Spine Journal, vol.24, no.9, pp.1893-1900, 2015 (SCI-Expanded)
- XCvII. **Is the Core Outcome Measures Index (COMI) as responsive as the SRS-22 for the assessment of outcome in adult spinal deformity?**
Mannion A. F., Vila-Casademunt A., Domingo-Sabat M., Wunderlin S., Pellise F., Acaroglu E., Alanay A., Perez-Grueso F. J., Obeid I., Kleinstuck F. S.
SWISS MEDICAL WEEKLY, vol.145, 2015 (SCI-Expanded)
- XCvIII. **Sacropelvic fixation in adult spinal deformity (ASD); a very high rate of mechanical failure**
Guler U. O., Cetin E., Yaman O., Pellise F., Casademut A. V., Sabat M. D., Alanay A., Grueso F. S. P., Acaroglu E.
European Spine Journal, vol.24, no.5, pp.1085-1091, 2015 (SCI-Expanded)
- XCIX. **Instrumentation Strategies in Osteoporotic Spine: How to Prevent Failure?**
ALANAY A., Yilgor C.
AOSPINE MASTERS SERIES, VOL 4: ADULT SPINAL DEFORMITIES, pp.56-67, 2015 (SCI-Expanded)
- C. **Pediatric Cervical Spine**
ALANAY A., Yilgor C.
AOSPINE MASTERS SERIES, VOL 5: CERVICAL SPINE TRAUMA, pp.156-168, 2015 (SCI-Expanded)
- CI. **Optimal surgical care for adolescent idiopathic scoliosis: an international consensus**
de Kleuver M., Lewis S. J., Germscheid N. M., Kamper S. J., Alanay A., Berven S. H., Cheung K. M., Ito M., Lenke L. G., Polly D. W., et al.
European Spine Journal, vol.23, no.12, pp.2603-2618, 2014 (SCI-Expanded)
- CII. **Treatment of thoracolumbar burst fractures using combined pedicle screw-laminar hook fixation**

KAYMAZ B., Demirkiran G., AYVAZ M., Akel I., Acaroglu E., ALANAY A.

ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.48, no.2, pp.152-156, 2014 (SCI-Expanded)

- CIII. **Impact on health related quality of life of adult spinal deformity (ASD) compared with other chronic conditions**
Pellise F., Vila-Casademunt A., Ferrer M., Domingo-Sabat M., Bago J., Perez-Grueso F. J. S., Alanay A., Mannion A. F., Acaroglu E.
European Spine Journal, vol.24, no.1, pp.3-11, 2014 (SCI-Expanded)
- CIV. **Posterior all-pedicle screw instrumentation combined with multiple chevron and concave rib osteotomies in the treatment of adolescent congenital kyphoscoliosis**
AYVAZ M., Olgun Z. D., DEMİRKIRAN H. G., Alanay A., YAZICI M.
Spine Journal, vol.14, no.1, pp.11-19, 2014 (SCI-Expanded)
- CV. **Osteotomies/spinal column resection in paediatric deformity**
Gokcen B., Yilgor C., ALANAY A.
European Journal of Orthopaedic Surgery and Traumatology, vol.24, 2014 (SCI-Expanded)
- CVI. **Traction X-ray under general anesthesia helps to save motion segment in treatment of Lenke type 3C and 6C curves**
Hamzaoglu A., Ozturk C., Enercan M., Alanay A.
Spine Journal, vol.13, no.8, pp.845-852, 2013 (SCI-Expanded)
- CVII. **Osteotomies/spinal column resections in adult deformity**
Enercan M., Ozturk C., Kahraman S., Sarier M., Hamzaoglu A., Alanay A.
European Spine Journal, vol.22, 2013 (SCI-Expanded)
- CVIII. **Long-segment posterior instrumentation and fusion with freeze-dried allograft in congenital scoliosis**
DEMİRKIRAN H. G., Akel I., YILMAZ G., AYVAZ M., Alanay A., YAZICI M.
Acta Orthopaedica et Traumatologica Turcica, vol.46, no.4, pp.275-280, 2012 (SCI-Expanded)
- CIX. **Short-term X-ray results of posterior vertebral column resection in severe congenital kyphosis, scoliosis, and kyphoscoliosis**
Ozturk C., Alanay A., Ganiyusufoglu K., Karadereler S., Ulusoy L., Hamzaoglu A.
Spine, vol.37, no.12, pp.1054-1057, 2012 (SCI-Expanded)
- CX. **Convex Instrumented Hemiepiphysiodesis with Concave Distraction: A Preliminary Report**
ALANAY A., Dede O., YAZICI M.
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, vol.470, no.4, pp.1144-1150, 2012 (SCI-Expanded)
- CXI. **Reconstruction of the subaxial cervical spine using lateral mass and facet screw instrumentation**
Aydogan M., Enercan M., Hamzaoglu A., Alanay A.
Spine, vol.37, no.5, 2012 (SCI-Expanded)
- CXII. **Vertebral Body Growth During Growing Rod Instrumentation: Growth Preservation or Stimulation?**
Olgun Z. D., Ahmadiadli H., ALANAY A., YAZICI M.
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.32, no.2, pp.184-189, 2012 (SCI-Expanded)
- CXIII. **Alterations of postural sway in adolescent idiopathic scoliosis**
KINIKLI G. İ., Yüksel I., Yakut Y., Alanay A., YAZICI M.
Fizyoterapi Rehabilitasyon, vol.22, no.1, pp.17-22, 2011 (SCI-Expanded)
- CXIV. **Posterior vertebral column resection in severe spinal deformities: A total of 102 cases**
Hamzaoglu A., Alanay A., Ozturk C., Sarier M., Karadereler S., Ganiyusufoglu K.
Spine, vol.36, no.5, 2011 (SCI-Expanded)
- CXV. **Retrospective Evaluation of Postoperative Medical Complications and Mortality After Reconstructive Scoliosis Surgery**
SARICAOĞLU F., AKINCI S. B., Kocak D. A., ALANAY A., Aypar U.
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.28, no.1, pp.35-41, 2011 (SCI-Expanded)
- CXVI. **Pediatric Spinal Infections**
Alanay A., Akel I.
GROWING SPINE: MANAGEMENT OF SPINAL DISORDERS IN YOUNG CHILDREN, pp.107-118, 2011 (SCI-Expanded)

- CXVII. **Efficacy of prophylactic placement of inferior vena cava filter in patients undergoing spinal surgery**
Ozturk C, Ganiyusufoglu K, Alanay A, Aydogan M, Onat L, Hamzaoglu A.
Spine, vol.35, no.20, pp.1893-1896, 2010 (SCI-Expanded)
- CXVIII. **Authors' reply to the Letters to the Editor of T. Smoljanovic et al. concerning "An update on bone substitutes for spinal fusion", Eur Spine J (2009) 18:783-799 by M. Miyazaki et al.**
Miyazaki M, Tsumura H, Wang J. C., Alanay A.
European Spine Journal, vol.19, no.8, pp.1389-1391, 2010 (SCI-Expanded)
- CXIX. **Effect of lumbar angular motion on central canal diameter: Positional MRI study in 491 cases**
Wei F., Wang J., Zou J., Hong S., Zhang H., He W., Miyazaki M., Lee S., Alanay A.
Chinese Medical Journal, vol.123, no.11, pp.1422-1425, 2010 (SCI-Expanded)
- CXX. **Retrospective evaluation of postoperative medical complications and mortality after reconstructive scoliosis surgery**
SARICAOĞLU F., AKINCI S., Akcakaya D., Alanay A., Aypar U.
EUROPEAN JOURNAL OF ANAESTHESIOLOGY, vol.27, no.1, pp.22-23, 2010 (SCI-Expanded)
- CXXI. **The Effect of Posterior Distraction on Vertebral Growth in Immature Pigs An Experimental Simulation of Growing Rod Technique**
Yilmaz G., HURİ G., Demirkiran G., Daglioglu K., ÖZKAN C., ALANAY A., Acaroglu E., YAZICI M.
SPINE, vol.35, no.7, pp.730-733, 2010 (SCI-Expanded)
- CXXII. **The effect of dilation of immature pedicles on pullout strength of the screws: Part 2: In vivo study**
Yilmaz G., Demirkiran G., ÖZKAN C., Daglioglu K., Pekmezci M., Alanay A., Yazici M.
Spine, vol.34, no.22, pp.2378-2383, 2009 (SCI-Expanded)
- CXXIII. **Is it necessary to operate all split cord malformations before corrective surgery for patients with congenital spinal deformities?**
AYVAZ M., Akalan N., YAZICI M., Alanay A., Acaroglu R. E.
Spine, vol.34, no.22, pp.2413-2418, 2009 (SCI-Expanded)
- CXXIV. **Comparison of the Melatonin and Calmodulin in Paravertebral Muscle and Platelets of Patients With or Without Adolescent Idiopathic Scoliosis**
Acaroglu E., Akel I., ALANAY A., Yazici M., Marcucio R.
SPINE, vol.34, no.18, 2009 (SCI-Expanded)
- CXXV. **The Effect of Anterior Spinal Fusion on Spinal Canal Development in an Immature Porcine Model**
Pekmezci M., Yilmaz G., Daglioglu K., Gulsen M., ALANAY A., Acaroglu E., YAZICI M.
SPINE, vol.34, no.15, 2009 (SCI-Expanded)
- CXXVI. **An update on bone substitutes for spinal fusion**
Miyazaki M., Tsumura H., Wang J. C., ALANAY A.
EUROPEAN SPINE JOURNAL, vol.18, no.6, pp.783-799, 2009 (SCI-Expanded)
- CXXVII. **The Effect of Calmodulin Antagonists on Experimental Scoliosis A Pinealectomized Chicken Model**
Akel I., Kocak O., Bozkurt G., ALANAY A., Marcucio R., Acaroglu E.
SPINE, vol.34, no.6, pp.533-538, 2009 (SCI-Expanded)
- CXXVIII. **The effect of calmodulin antagonists on scoliosis: Bipedal C57BL/6 mice model**
Akel I., Demirkiran G., Alanay A., KARAHAN S., Marcucio R., Acaroglu E.
European Spine Journal, vol.18, no.4, pp.499-505, 2009 (SCI-Expanded)
- CXXIX. **A novel application of high-dose (50 kGy) gamma irradiation for demineralized bone matrix: effects on fusion rate in a rat spinal fusion model**
ALANAY A., Wang J. C., Shamie A. N., Napoli A., Chen C., Tsou P.
SPINE JOURNAL, vol.8, no.5, pp.789-795, 2008 (SCI-Expanded)
- CXXX. **The adjunctive effect of a binding peptide on bone morphogenetic protein enhanced bone healing in a rodent model of spinal fusion**
ALANAY A., Chen C., Lee S., Murray S. S., Brochmann E. J., Miyazaki M., Napoli A., Wang J. C.
SPINE, vol.33, no.16, pp.1709-1713, 2008 (SCI-Expanded)
- CXXXI. **Kinematic analysis of the relationship between the grade of disc degeneration and motion unit of the cervical spine**

- Miyazaki M., Hong S. W., Yoon S. H., Zou J., Tow B., ALANAY A., Abitbol J., Wang J. C.
SPINE, vol.33, no.2, pp.187-193, 2008 (SCI-Expanded)
- CXXXII. **Radiographic measurement of the sagittal plane deformity in patients with osteoporotic spinal fractures evaluation of intrinsic error**
ALANAY A., Pekmezci M., Karaeminogullari O., Acaroglu E., Yazici M., Cil A., Pijnenburg B., Genc Y., Oner F. C.
EUROPEAN SPINE JOURNAL, vol.16, no.12, pp.2126-2132, 2007 (SCI-Expanded)
- CXXXIII. **Interrater reliability of identifying indicators of posterior ligamentous complex disruption when plain films are indeterminate in thoracolumbar injuries**
Schweitzer K. M., Vaccaro A. R., Harrop J. S., Hurlbert J., Carrino J. A., Rehtine G. R., Schwartz D. G., ALANAY A., Sharma D. K., Anderson D. G., et al.
JOURNAL OF ORTHOPAEDIC SCIENCE, vol.12, no.5, pp.437-442, 2007 (SCI-Expanded)
- CXXXIV. **A comparison of commercially available demineralized bone matrix for spinal fusion**
Wang J. C., Alanay A., Mark D., Kanim L. E. A., Campbell P. A., Dawson E. G., Lieberman J. R.
European Spine Journal, vol.16, no.8, pp.1233-1240, 2007 (SCI-Expanded)
- CXXXV. **Safety and efficacy of implant removal for patients with recurrent back pain after a failed degenerative lumbar spine surgery**
Alanay A., Vyas R., Shamie A. N., Sciocia T., Randolph G., Wang J. C.
Journal of Spinal Disorders and Techniques, vol.20, no.4, pp.271-277, 2007 (SCI-Expanded)
- CXXXVI. **Safety and efficacy of posterior instrumentation for patients with congenital scoliosis and spinal dysraphism**
AYVAZ M., Alanay A., YAZICI M., Acaroglu E., Akalan N., Aksoy C.
Journal of Pediatric Orthopaedics, vol.27, no.4, pp.380-386, 2007 (SCI-Expanded)
- CXXXVII. **Reliability and concurrent validity of the adapted Chinese version of Scoliosis Research Society-22 (SRS-22) questionnaire**
Cheung K. M. C., Senkoğlu A., ALANAY A., Genc Y., Lau S., Luk K. D.
SPINE, vol.32, no.10, pp.1141-1145, 2007 (SCI-Expanded)
- CXXXVIII. **Minimum 10 years follow-up surgical results of adolescent idiopathic scoliosis patients treated with TSRH instrumentation**
Benli I. T., Ates B., Akalin S., Citak M., Kaya A., ALANAY A.
EUROPEAN SPINE JOURNAL, vol.16, no.3, pp.381-391, 2007 (SCI-Expanded)
- CXXXIX. **The effect of pedicle expansion on pedicle morphology and biomechanical stability in the immature porcine spine**
Yazici M., Pekmezci M., Cil A., ALANAY A., Acaroglu E., Oner F. C.
SPINE, vol.31, no.22, 2006 (SCI-Expanded)
- CXL. **Results of complete hemivertebra excision followed by circumferential fusion and anterior or posterior instrumentation in patients with type-IA formation defect**
Benli I. T., Aydin E., ALANAY A., Uezuemcuegil O., Bueyuekguellue O., Kis M.
EUROPEAN SPINE JOURNAL, vol.15, no.8, pp.1219-1229, 2006 (SCI-Expanded)
- CXLI. **Spinal implants and radiation therapy: The effect of various configurations of titanium implant systems in a single-level vertebral metastasis model**
Pekmezci M., Dirican B., Yapici B., YAZICI M., Alanay A., Gürdalli S.
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, no.5, pp.1093-1100, 2006 (SCI-Expanded)
- CXLII. **Refinement of the SRS-22 health-related quality of life questionnaire function domain**
Asher M., Lai S., Glattes C., Burton D., ALANAY A., Bago J.
SPINE, vol.31, no.5, pp.593-597, 2006 (SCI-Expanded)
- CXLIII. **Unilateral enucleation affects the laterality but not the incidence of scoliosis in pinealectomized chicken**
Turhan E., Acaroglu E., Bozkurt G., ALANAY A., Yazici M., Surat A.
SPINE, vol.31, no.2, pp.133-138, 2006 (SCI-Expanded)
- CXLIV. **Reliability and validity of adapted Turkish Version of Scoliosis Research Society-22 (SRS-22) questionnaire**

- ALANAY A., Cil A., BERK R. H., Acaroglu E., Yazici M., AKÇALI Ö., KOŞAY M. C., Genc Y., Surat A.
SPINE, vol.30, no.21, pp.2464-2468, 2005 (SCI-Expanded)
- CXLV. **The validity of Lenke criteria for defining structural proximal thoracic curves in patients with adolescent idiopathic scoliosis**
Cil A., Pekmezci M., Yazici M., ALANAY A., Acaroglu R., Deviren V., Surat A.
SPINE, vol.30, no.22, pp.2550-2555, 2005 (SCI-Expanded)
- CXLVI. **The effect of pedicle screw placement with or without application of compression across the neurocentral cartilage on the morphology of the spinal canal and pedicle in immature pigs**
Cil A., Yazici M., Daglioglu K., AYDINGÖZ Ü., ALANAY A., Acaroglu R., Gulsen M., Surat A.
SPINE, vol.30, no.11, pp.1287-1293, 2005 (SCI-Expanded)
- CXLVII. **Radiological outcome of proximal femoral varus osteotomy for the treatment of lateral pillar group-C Legg-Calve-Perthes disease**
Aksoy M., Cankus M., ALANAY A., Yazici M., Caglar O., Alpaslan A.
JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B, vol.14, no.2, pp.88-91, 2005 (SCI-Expanded)
- CXLVIII. **The evolution of sagittal segmental alignment of the spine during childhood**
Cil A., Yazici M., Uzunçugil A., Kandemir U., Alanay A., ALANAY Y., Acaroglu R., Surat A.
SPINE, vol.30, no.1, pp.93-100, 2005 (SCI-Expanded)
- CXLIX. **Course of nonsurgical management of burst fractures with intact posterior ligamentous complex: An MRI study**
ALANAY A., Yazici M., Acaroglu E., Turhan E., Cila A., Surat A.
SPINE, vol.29, no.21, pp.2425-2431, 2004 (SCI-Expanded)
- CL. **Convex growth arrest in the treatment of congenital spinal deformities, revisited**
Uzunçugil A., Cil A., Yazici M., Acaroglu E., ALANAY A., Aksoy C., Surat A.
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.24, no.6, pp.658-666, 2004 (SCI-Expanded)
- CLI. **Re: Ruf M, Harms J. Posterior hemivertebra resection with transpedicular instrumentation: Early correction in children aged 1 to 6 years. Spine. 2003;28:2132-8 (multiple letters)**
Cil A., YAZICI M., Alanay A., Acaroglu R. E., Surat A., Ruf M., Harms J.
Spine, vol.29, no.14, pp.1593-1596, 2004 (SCI-Expanded)
- CLII. **The course of sagittal plane abnormality in the patients with congenital scoliosis managed with convex growth arrest**
Cil A., Yazici M., ALANAY A., Acaroglu R., Uzunçugil A., Surat A.
SPINE, vol.29, no.5, pp.547-552, 2004 (SCI-Expanded)
- CLIII. **Distraction osteogenesis (callotaxis) for pelvic closure in bladder exstrophy**
Kandemir U., Yazici M., TOKGÖZOĞLU A. M., ALANAY A.
CLINICAL ORTHOPAEDICS AND RELATED RESEARCH, no.418, pp.231-236, 2004 (SCI-Expanded)
- CLIV. **Late spinal cord compression caused by pulled-out thoracic pedicle screws: A case report**
ALANAY A., Cil A., Acaroglu E., Caglar O., Akgun R., MARANGOZ S., Yazici M., Surat A.
SPINE, vol.28, no.24, 2003 (SCI-Expanded)
- CLV. **Early radiographic and clinical results of balloon kyphoplasty for the treatment of osteoporotic vertebral compression fractures - Point of view**
ALANAY A.
SPINE, vol.28, no.19, pp.2265-2267, 2003 (SCI-Expanded)
- CLVI. **Atlantoaxial rotatory fixation-subluxation revisited - A computed tomographic analysis of acute torticollis in pediatric patients**
Hicazi A., Acaroglu E., ALANAY A., Yazici M., Surat A.
SPINE, vol.27, no.24, pp.2771-2775, 2002 (SCI-Expanded)
- CLVII. **Lumbar pedicle morphology in the immature spine: A three-dimensional study using spiral computed tomography**
Senaran H., YAZICI M., KARÇAALTINCABA M., Alanay A., Acaroğlu R. E., AKSOY M. C., Ariyürek M., Surat A.
Spine, vol.27, no.22, pp.2472-2476, 2002 (SCI-Expanded)
- CLVIII. **Reliability and necessity of dynamic computerized tomography in diagnosis of atlantoaxial rotatory**

subluxation

ALANAY A., Hicazi A., Acaroglu E., Yazici M., Aksoy C., Cila A., Akalan N., Surat A.

JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.22, no.6, pp.763-765, 2002 (SCI-Expanded)

- CLIX. **Immediate debridement and coverage of exposed spinal hardware with muscle flaps**
Akyürek M., ŞAFAK T., Alanay A., Acaroğlu E., Keçik A.
European Journal of Plastic Surgery, vol.25, no.4, pp.202-208, 2002 (SCI-Expanded)
- CLX. **Three-dimensional evolution of scoliotic curve during instrumentation without fusion in young children**
Acaroglu E., Yazici M., ALANAY A., Surat A.
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.22, no.4, pp.492-496, 2002 (SCI-Expanded)
- CLXI. **Treatment of developmental dysplasia of the hip before walking: Results of closed reduction and immobilization in hip spica cast**
Aksoy M., Ozkoc G., ALANAY A., Yazici M., Ozdemir N., Surat A.
TURKISH JOURNAL OF PEDIATRICS, vol.44, no.2, pp.122-127, 2002 (SCI-Expanded)
- CLXII. **Peroneus quartus muscle as a rare cause of the chronic lateral ankle pain**
Öznur A., ARIK A., Alanay A.
Foot and Ankle Surgery, vol.8, no.3, pp.227-230, 2002 (SCI-Expanded)
- CLXIII. **The effect of transpedicular intracorporeal grafting in the treatment of thoracolumbar burst fractures on canal remodeling**
Alanay A., Acaroğlu E., YAZICI M., Aksoy C., Surat A.
European Spine Journal, vol.10, no.6, pp.512-516, 2001 (SCI-Expanded)
- CLXIV. **Four-level noncontiguous fracture of the vertebral column: A case report**
Acaroğlu E. R., Alanay A.
Journal of Orthopaedic Trauma, vol.15, no.4, pp.294-303, 2001 (SCI-Expanded)
- CLXV. **Does transverse apex coincide with coronal apex levels (regional or global) in adolescent idiopathic scoliosis?**
Acaroglu E., YAZICI M., Deviren V., Alanay A., Cila A., Surat A.
Spine, vol.26, no.10, pp.1143-1146, 2001 (SCI-Expanded)
- CLXVI. **Letter to the editor [1]**
Alanay A., Acaroglu E., YAZICI M. S., Surat A., Gaines R.
Spine, vol.26, no.7, pp.840-841, 2001 (SCI-Expanded)
- CLXVII. **Measurement of vertebral rotation in standing versus supine position in adolescent idiopathic scoliosis**
YAZICI M., Acaroglu E. R., Alanay A., Deviren V., Cila A., Surat A.
Journal of Pediatric Orthopaedics, vol.21, no.2, pp.252-256, 2001 (SCI-Expanded)
- CLXVIII. **Short-segment pedicle instrumentation of thoracolumbar burst fractures: Does transpedicular intracorporeal grafting prevent early failure?**
Alanay A., Acaroglu E., YAZICI M., Oznur A., Surat A.
Spine, vol.26, no.2, pp.213-217, 2001 (SCI-Expanded)
- CLXIX. **Untitled**
Alanay A.
SPINE, vol.25, no.21, pp.2847, 2000 (SCI-Expanded)
- CLXX. **Luque trolley and convex epiphysiodesis in the management of infantile and juvenile scoliosis [2] (multiple letters)**
Alanay A., Acaroglu E., YAZICI M. S., Surat A., Pratt R., Burwell R., Webb J.
Spine, vol.25, no.19, pp.2549-2551, 2000 (SCI-Expanded)
- CLXXI. **Luque trolley and convex epiphysiodesis in the management of infantile and juvenile scoliosis**
ALANAY A., Acaroglu E., Yazici M., Surat A.
SPINE, vol.25, no.19, pp.2549-2550, 2000 (SCI-Expanded)
- CLXXII. **Traumatic L1-L2 dislocation without fracture in a 6-year-old girl: Incomplete neurologic deficit and total recovery**

YAZICI M., Alanay A., AKSOY M. C., Acaroglu E., Surat A.
Spine, vol.24, no.14, pp.1483-1486, 1999 (SCI-Expanded)

CLXXIII. **Effects of deamino-8-D-arginin vasopressin on blood loss and coagulation factors in scoliosis surgery: A double-blind randomized clinical trial**

Alanay A., Acaroglu E., Özdemir O., Erçelen Ö., Bulutçu E., Surat A.
Spine, vol.24, no.9, pp.877-882, 1999 (SCI-Expanded)

CLXXIV. **Risk factors associated with corrective surgery in congenital scoliosis with tethered cord**

Acaroglu E., ALANAY A., Akalan N., Atilla B., Bulutcu E., Surat A.
TURKISH JOURNAL OF PEDIATRICS, vol.39, no.3, pp.373-378, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **Anterior vertebral body tethering shows clinically comparable shoulder balance outcomes to posterior spinal fusion**
Meyers J., Eaker L., Samdani A., Miyajima F., Herrera M., Wilczek A., ALANAY A., YILGÖR İ. Ç., Hoernschemeyer D., Shah S., et al.
SPINE DEFORMITY, vol.12, no.4, pp.1033-1042, 2024 (ESCI)
- II. **Which sagittal plane assessment method is most predictive of complications after adult spinal deformity surgery?**
Pizones J., Hills J., Kelly M., YILGÖR İ. Ç., Moreno-Manzanaro L., Perez-Gruoso F. J. S., Kleinstuck F., Obeid I., ALANAY A., Pellise F.
SPINE DEFORMITY, vol.12, no.4, pp.1127-1136, 2024 (ESCI)
- III. **What factors are associated with a better restoration of pelvic version after adult spinal deformity surgery?**
Raganato R., Gomez-Rice A., Moreno-Manzanaro L., Escamez F., Talavera G., Aguilar A., Sanchez-Marquez J. M., Fernandez-Baillo N., Perez-Gruoso F. J. S., Kleinstuck F., et al.
SPINE DEFORMITY, vol.12, no.4, pp.1115-1126, 2024 (ESCI)
- IV. **Influence of smoking on patient-reported outcome measures (PROMs) in patients undergoing surgery for adult spinal deformity: a propensity score-matched analysis**
Gomez-Rice A., Capdevila-Bayo M., Nunez-Pereira S., Haddad S., Perez-Gruoso F., Kleinstuck F., Obeid I., ALANAY A., Pellise F., Pizones J.
SPINE DEFORMITY, vol.12, no.3, pp.819-827, 2024 (ESCI)
- V. **Double major curvature treated with vertebral body tethering of both curves: how do outcomes compare to posterior spinal fusion?**
Lonner B., Eaker L., Hoernschemeyer D., Zhang J., Wilczek A., Elliot P., Boeyer M. E., Fletcher N. D., ALANAY A., YILGÖR İ. Ç., et al.
SPINE DEFORMITY, vol.12, no.3, pp.651-662, 2024 (ESCI)
- VI. **A 5-year follow-up of the effect of corrective surgery in young adults with idiopathic scoliosis**
Gomez-Rice A., Capdevila-Bayo M., Nunez-Pereira S., Haddad S., Vila-Casademunt A., Perez-Gruoso F., Kleinstuck F., Obeid I., ALANAY A., Pellise F., et al.
SPINE DEFORMITY, vol.11, no.3, pp.605-615, 2023 (ESCI)
- VII. **Building clinically actionable models for predicting mechanical complications in postoperatively well-aligned adult spinal deformity patients using XGBoost algorithm**
Balaban B., YILGÖR İ. Ç., YUCEKUL A., Zulemyan T., Obeid I., Pizones J., Kleinstueck F., Perez-Gruoso F. J. S., Pellise F., ALANAY A., et al.
Informatics in Medicine Unlocked, vol.37, 2023 (Scopus)
- VIII. **If you look this way, you will see it: cranial shift in adolescent idiopathic scoliosis**
Abul K., Ozmen B. B., YUCEKUL A., Zulemyan T., YILGÖR İ. Ç., ALANAY A.
SPINE DEFORMITY, vol.11, no.1, pp.105-114, 2023 (ESCI)
- IX. **Adult spinal deformity: Past, present & future**

ALANAY A.

BRAIN AND SPINE, vol.3, 2023 (ESCI)

- X. **An age and sex matched study on the effect of obesity on the functional outcomes and complication rates in patients with adult spinal deformity undergoing primary multi-level thoracolumbar spinal fusion**
Kieser D. C., Wyatt M. C., Boissiere L., Hayashi K., Cawley D. T., YILGÖR İ. Ç., Larrieu D., ALANAY A., Acaroglu E., Kleinstueck F., et al.
Annals of Joint, vol.7, 2022 (Scopus)
- XI. **Shorter and sweeter: the 16-item version of the SRS questionnaire shows better structural validity than the 20-item version in young patients with spinal deformity**
Mannion A. F., Elfering A., Fekete T. F., Harding I. J., Monticone M., Obid P., Niemeyer T., Liljenqvist U., Boss A., Zimmermann L., et al.
SPINE DEFORMITY, vol.10, no.5, pp.1055-1062, 2022 (ESCI)
- XII. **OSTEOTOMIES FOR THE TREATMENT OF ADULT SPINAL DEFORMITIES A Critical Analysis Review**
Yilgor C., Kindan P., Yucekul A., Zulemyan T., Alanay A.
JBJS REVIEWS, vol.10, no.5, 2022 (ESCI)
- XIII. **The Effect of Discharging Patients with Low Hemoglobin Levels on Hospital Readmission and Quality of Life after Adult Spinal Deformity Surgery**
Nabi V., Ayhan S., YÜKSEL S., Adhikari P., Vila-Casademunt A., Pellise F., Perez-Grueso F. S., ALANAY A., Obeid I., Kleinstueck F., et al.
ASIAN SPINE JOURNAL, vol.16, no.2, pp.261-269, 2022 (ESCI)
- XIV. **Inter- and intra-rater reliability and accuracy of Sanders Skeletal Maturity Staging System when used by surgeons performing vertebral body tethering**
Swany L. M., Larson A. N., Milbrandt T. A., Sanders J. O., Neal K. M., Blakemore L. C., Newton P. O., Pahys J. M., Cahill P. J., ALANAY A.
SPINE DEFORMITY, vol.10, no.1, pp.97-106, 2022 (Peer-Reviewed Journal)
- XV. **Adult Congenital Spine Deformity: Clinical Features and Motivations for Surgical Treatment**
Pizones J., Moreno-Manzanaro L., Vila-Casademunt A., Fernandez-Baillo N., Sanchez-Marquez J., Talavera G., Obeid I., ALANAY A., Kleinstueck F., Pellise F., et al.
INTERNATIONAL JOURNAL OF SPINE SURGERY, vol.15, no.6, pp.1238-1245, 2021 (ESCI)
- XVI. **Relative pelvic version displays persistent compensatory measures with normalised sagittal vertical axis after deformity correction.**
Cawley D. T., Boissiere L., Yilgor C., Larrieu D., Fujishiro T., Kieser D., Alanay A., Kleinstueck F., Pérez-Grueso F. S., Pellisé F., et al.
Spine deformity, vol.9, pp.1449-1456, 2021 (Peer-Reviewed Journal)
- XVII. **The Transverse Process Trajectory Technique: An Alternative for Thoracic Pedicle Screw Implantation-Radiographic and Biomechanical Analysis.**
Lonner B., Verma K., Roonprapunt C., Ren Y., Slattery C. A., Alanay A., Kassin G., Castillo A., Bazerbashi M., Buehler M. A., et al.
International journal of spine surgery, vol.15, pp.315-323, 2021 (Peer-Reviewed Journal)
- XVIII. **Intraoperative neuromonitoring practice patterns in spinal deformity surgery: a global survey of the Scoliosis Research Society.**
Dikmen P., Halsey M. F., Yucekul A., de Kleuver M., Hey L., Newton P. O., Havlucu I., Zulemyan T., Yilgor C., Alanay A.
Spine deformity, vol.9, pp.315-325, 2021 (Peer-Reviewed Journal)
- XIX. **Ideal sagittal profile restoration and ideal lumbar apex positioning play an important role in postoperative mechanical complications after a lumbar PSO.**
Pizones J., Perez-Grueso F. J. S., Moreno-Manzanaro L., Vila-Casademunt A., Boissiere L., Yilgor C., Fernández-Baillo N., Sánchez-Márquez J. M., Talavera G., Kleinstueck F., et al.
Spine deformity, vol.8, pp.491-498, 2020 (Peer-Reviewed Journal)
- XX. **The effect of increasing body mass index on the pain and function of patients with adult spinal deformity.**

- Kieser D. C., Wyatt M. C., Boissiere L., Hayashi K., Cawley D. T., Yilgor C., Larrieu D., Fujishiro T., Alanay A., Acaroglu E., et al.
Journal of spine surgery (Hong Kong), vol.5, pp.535-540, 2019 (Peer-Reviewed Journal)
- XXI. **TEAM APPROACH: CONTEMPORARY TREATMENT OF CONGENITAL SCOLIOSIS**
Karaarslan U. C., Gurel I. E., Yucekul A., DEMİRKIRAN H. G., Samdani A., Yilgor C., ALANAY A.
JBJS REVIEWS, vol.7, no.10, 2019 (ESCI)
- XXII. **Adult Spinal Deformity Over 70 Years of Age: A 2-Year Follow-Up Study**
Karabulut C., Ayhan S., YÜKSEL S., Nabiye V., Vila-Casademunt A., Pellise F., ALANAY A., Sanchez Perez-Grueso F. J., Kleinstück F., Obeid I., et al.
INTERNATIONAL JOURNAL OF SPINE SURGERY, vol.13, no.4, pp.336-344, 2019 (Peer-Reviewed Journal)
- XXIII. **Validation of a Simplified SRS-Schwab Classification Using a Sagittal Modifier**
Kieser D., Boissiere L., Cawley D., Larrieu D., Yilgor C., Takemoto M., Yoshida G., ALANAY A., Acaroglu E., Kleinstück F., et al.
Spine Deformity, vol.7, no.3, pp.467-471, 2019 (Peer-Reviewed Journal)
- XXIV. **The Influence of Diagnosis, Age, and Gender on Surgical Outcomes in Patients With Adult Spinal Deformity**
Ayhan S., YÜKSEL S., Nabiye V., Adhikari P., Villa-Casademunt A., Pellise F., Sanchez Perez-Grueso F., ALANAY A., Obeid I., Kleinstueck F., et al.
GLOBAL SPINE JOURNAL, vol.8, no.8, pp.803-809, 2018 (Peer-Reviewed Journal)
- XXV. **Radiographic Axial Malalignment is Associated With Pretreatment Patient-Reported Health-Related Quality of Life Measures in Adult Degenerative Scoliosis: Implementation of a Novel Radiographic Software Tool**
Faraj S. S., Boselie T. F., Vila-Casademunt A., de Kleuver M., Holewijn R. M., Obeid I., Acaroglu E., ALANAY A., Kleinstück F., Pérez-Grueso F. S., et al.
Spine Deformity, vol.6, no.6, pp.745-752, 2018 (Scopus)
- XXVI. **Metal ion release during growth-friendly instrumentation for early onset scoliosis: A Preliminary Study**
YILGÖR İ. Ç., Efendiyev A., Akbıyık F., DEMİRKIRAN H. G., ŞENKÖYLÜ A., ALANAY A., YAZICI M.
Spine Deformity, vol.6, no.1, pp.48-53, 2018 (Peer-Reviewed Journal)
- XXVII. **Adult spinal deformity surgery understanding the true impact on specific activities of daily living**
Kieser D., Boissière L., Ghailane S., Larrieu D., Bourghli A., Yilgor C., ALANAY A., Pelissé F., Sanchez Perez Grueso F., Kleinstück F., et al.
Journal Medical Libanais, vol.66, no.4, pp.193-196, 2018 (Scopus)
- XXVIII. **Evaluation of the fluctuations of health related quality of life scores and radiographic sagittal parameters in the follow-up of operated adult spinal deformity patients**
Bourghli A., Larrieu D., Boissière L., Vital J., Pellisé F., Alanay A., Acaroglu E., Perez-Grueso F., Kleinstück F., Obeid I.
Journal Medical Libanais, vol.66, no.4, pp.197-204, 2018 (Scopus)
- XXIX. **Untreated Thoracic Curve in Adult Idiopathic Scoliosis: What Are Patients' Concerns?**
Pizones J., Martin-Buitrago M. P., Sánchez Perez-Grueso F. J., Pellisé F., ALANAY A., Obeid I., Kleinstück F., Acaroglu E. R.
Spine Deformity, vol.4, no.6, pp.439-445, 2016 (Scopus)
- XXX. **Purely extradural spinal nerve root hemangioblastomas**
Aytar M. H., Yener U., Eksi M. Ş., Kaya B., Ozgen S., Sav A., Alanay A.
JOURNAL OF CRANIOVERTEBRAL JUNCTION AND SPINE, vol.7, no.4, pp.197-200, 2016 (Peer-Reviewed Journal)
- XXXI. **Erişkin akondroplazik hastada beraber görülen konjenital kifoz ve spinal stenoz Olgu sunumu**
ŞENKÖYLÜ A., ALANAY A., ZİNNUROĞLU M., DEVECİ M. A., ALTUN N.
The Journal of Turkish Spinal Surgery, vol.22, no.4, pp.307-314, 2011 (Peer-Reviewed Journal)
- XXXII. **Retrospective evaluation of postoperative medical complications and mortality after reconstructive scoliosis surgery Rekonstrüktif skolyoz cerrahisi sonrasında görülen komplikasyonlar ve mortalitenin retrospektif olarak değerlendirilmesi**
Saricaoğlu F., AKINCI S. B., Koçak D. A., Alanay A., Aypar Ü.

- Journal of Neurological Sciences, vol.28, no.1, pp.35-41, 2011 (Scopus)
- XXXIII. **Surgical management of post-SCIWORA spinal deformities in children**
Yalcin N., Dede O., ALANAY A., YAZICI M.
JOURNAL OF CHILDRENS ORTHOPAEDICS, vol.5, no.1, pp.27-33, 2011 (Peer-Reviewed Journal)
- XXXIV. **Comparison of anterior instrumentation systems and the results of minimum 5 years follow-up in the treatment of tuberculosis spondylitis**
Benli I. T., Alanay A., Akalin S., Kiş M., Acaroğlu E., Ateş B., Aydin E.
Kobe Journal of Medical Sciences, vol.50, no.6, pp.167-180, 2004 (Scopus)
- XXXV. **Adenosine and energy metabolism following experimental acute spinal cord trauma Deneysel akut spinal kord travması sonrası adenozinin enerji metabolizması üzerine etkisi**
Arslan Akpek E., Bulutcu E., Alanay A., Acaroglu E., Kilinc K., Erdem K.
Turk Anesteziyoloji ve Reanimasyon, vol.27, no.2, pp.68-71, 1999 (Scopus)

Books & Book Chapters

- I. **Vertebral Body Tethering for Adolescent Idiopathic Scoliosis**
Alanay A., Yılgör İ. Ç.
in: Correction Techniques for Spinal Deformity, Mehmet Zileli, Onur Yaman, Max Aebi, Editor, Thieme (U.S) ,
Uttarpara-Kotrung, pp.204-208, 2024
- II. **Vertebral Column Resection Osteotomy**
Alanay A., Yılgör İ. Ç.
in: Correction Techniques for Spinal Deformity, Mehmet Zileli, Onur Yaman, Max Aebi, Editor, Thieme (U.S) ,
Uttarpara-Kotrung, pp.108-113, 2024
- III. **Osteotomies in Revision Surgery**
Alanay A., Yılgör İ. Ç.
in: Corrective Osteotomies for Rigid Spinal Deformities, Leon Kaplan, Lawrence G Lenke, Editor, Thieme (U.S) ,
Stuttgart, pp.184-188, 2023
- IV. **Sagittal plane malalignment**
Alanay A., Yılgör İ. Ç.
in: Essentials of Spine Surgery, 1st ed., Federico Canavese, Alpaslan Senkoylu, Editor, Springer, London/Berlin , New
York, pp.303-307, 2022
- V. **Conservative Treatment for Adolescent Idiopathic Scoliosis**
Alanay A., Yılgör İ. Ç., Yucekul A.
in: Essentials of Spine Surgery, Alpaslan Senkoylu, Federico Canavese, Editor, Springer, London/Berlin , New York,
pp.113-117, 2022
- VI. **Pediatric Spinal Infections (Adult)**
Alanay A., Yılgör İ. Ç.
in: The Growing Spine: Management of Spinal Disorders in Young Children, Behrooz A. Akbarnia, George H.
Thompson, Muharrem Yazici, Ron El-Hawary, Editor, Springer Nature, Zug, pp.431-438, 2022
- VII. **Proprioception After Spine Injury and Surgery**
Alanay A., Yılgör İ. Ç.
in: Proprioception in Orthopaedics, Sports Medicine and Rehabilitation, Defne Kaya, Baran Yosmaoğlu, Mahmut
Nedim Doral, Editor, Springer Nature, Zug, pp.65-72, 2018
- VIII. **Novel Non-Fusion Growth-Modulation Techniques for Pediatric Scoliosis**
Alanay A., Yılgör İ. Ç.
in: AOSpine Masters Series, Volume 9: Pediatric Spinal Deformities, Luiz Roberto Vialle, Sigurd H. Berven, Marinus
de Kleuver, Editor, Thieme (U.S) , New York, pp.53-62, 2017
- IX. **Pediatric Cervical Spine**
Alanay A., Yılgör İ. Ç.
in: AOSpine Masters Series, Volume 5: Cervical Spine Trauma, Luiz Roberto Vialle, F. Cumhur Oner, Alexander R.

Vaccaro, Editor, Thieme (U.S) , New York, pp.156-168, 2015

- X. **Instrumentation Strategies in Osteoporotic Spine: How to Prevent Failure?**
Alanay A., Yilgör I. Ç.
in: AOSpine Master Series, Vol. 4: Adult Spinal Deformities, Luiz Roberto Vialle, Kenneth M. C. Cheung, Lawrence G. Lenke, Editor, Thieme (U.S) , New York, pp.56-67, 2015
- XI. **Surgical management of tuberculosis of the spine**
Alanay A.
in: EFORT European Instructional Course Lectures, George Bentley, Editor, Springer, London/Berlin , London, pp.93-106, 2014
- XII. **Principles of spinal instrumentation in the treatment of pediatric cervical, thoracic and lumbar injuries**
Alanay A.
in: Spine and Spinal Cord Trauma. Evidence based management, Vaccaro A, Fehlings M, Dvorak M, Editor, Thieme (U.S) , New-York, pp.144-156, 2010
- XIII. **Pediatric Spine Infections**
Alanay A.
in: The Growing Spine. Management of spinal disorders in children, Akbarnia BA, Yazici M, Thompson GH, Editor, Springer-Verlag , London, pp.107-118, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **Comparison of Radiographic and Clinical Outcomes of Adult vs Adolescent Scheuermann Kyphosis Patients: A Matched Cohort Analysis after Surgery**
Alanay A., Yilgör I. Ç., Yuçekul A.
32. ULUSAL TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ , Antalya, Turkey, 31 October - 05 November 2023
- II. **A Comparative Analysis of Skeletal Maturity Staging Systems by Means of Longitudinal Growth and Curve Modulation Prediction after VBT Surgery**
Alanay A., Yilgör I. Ç., Yuçekul A.
32. ULUSAL TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ , Antalya, Turkey, 31 October - 05 November 2023
- III. **Comparison of Radiographic and Clinical Outcomes of Adult vs Adolescent Scheuermann Kyphosis Patients: A Matched Cohort Analysis after Surgery**
Alanay A., Yilgör I. Ç., Yuçekul A.
Eurospine, Frankfurt, Germany, 4 - 06 October 2023, pp.26
- IV. **Machine Learning Can Predict Surgical Indication: New Clustering Model from a Large Adult Spine Deformity(ASD) Database**
Alanay A.
Eurospine, Frankfurt, Germany, 4 - 06 October 2023, pp.20
- V. **Which Sagittal Plane Assessment Method is most Predictive of Complications after Adult Spinal Deformity (ASD) Surgery?**
Alanay A.
Eurospine, Frankfurt, Germany, 4 - 06 October 2023, pp.22
- VI. **A Comprehensive Analysis of Outcomes and Treatment Success of Thoracic, Thoracolumbar and Bilateral Vertebral Body Tethering Surgery**
Alanay A., Yilgör I. Ç., Yuçekul A., Ergene G., Senay S., Yalinay Dikmen P.
Eurospine, Frankfurt, Germany, 4 - 06 October 2023, pp.27
- VII. **5-Year Outcomes of Prospective Evaluation of Elderly Deformity Surgery: A Multicenter International Study on Patients over 60 Years of Age**
Alanay A.
58TH ANNUAL SRS MEETING, Washington, United States Of America, 6 - 09 September 2023, pp.143-144
- VIII. **A Prospective, Observational, Multicenter Study Assessing Functional Improvements After Multilevel**

Fusion for Adult Spinal Deformity (ASD): 5-Year Follow-Up Results

Alanay A.

58TH SRS ANNUAL MEETING, Washington, United States Of America, 6 - 09 September 2023, pp.134

- IX. **Long Term Mechanical Failure In Well Aligned ASD Patients**
Alanay A., Yilgör İ. Ç.
58TH SRS ANNUAL MEETING, Washington, United States Of America, 6 - 09 September 2023, pp.96-97
- X. **Thoracic Kyphosis Maintenance in Lenke 1 AIS: Vertebral Body Tethering Versus Posterior Spinal Fusion**
Alanay A.
58TH SRS ANNUAL MEETING, Washington, United States Of America, 6 - 09 September 2023, pp.105-106
- XI. **Have We Improved Anterior Vertebral Body Tethering Outcomes Over Time? An Examination of Survivorship Trends**
Alanay A.
58TH SRS ANNUAL MEETING, Washington, United States Of America, 6 - 09 September 2023, pp.103
- XII. **Comparison of Radiographic and Clinical Outcomes of Adult vs Adolescent Scheuermann Kyphosis Patients: A Matched Cohort Analysis after Surgery**
Alanay A., Yilgör İ. Ç., Yucekul A.
58TH SRS ANNUAL MEETING, Washington, United States Of America, 6 - 09 September 2023, pp.95-96
- XIII. **Data Mining for Predicting Mechanical Complications in Postoperatively Well-Aligned Adult Spinal Deformity Patients using XgBoost Modelling**
Alanay A., Yilgör İ. Ç., Yucekul A.
Global Spine Congress 2023, Praha, Czech Republic, 31 May - 03 June 2023
- XIV. **Factors Affecting Opioid Use of European Adult Spinal Deformity Patients: Minimum 5 years Follow-up Study**
Alanay A., Yilgör İ. Ç., Yucekul A.
15. Uluslararası Türk Omurga Derneği, İzmir, Turkey, 24 - 27 May 2023
- XV. **Digitized Radiographs Outperform Radiographic Measurements in Predicting Mechanical Complications after Adult Spinal Deformity Surgery**
Alanay A., Yilgör İ. Ç.
15. Uluslararası Türk Omurga Kongresi, İzmir, Turkey, 24 - 27 May 2023
- XVI. **How to Best Restore the Pelvic Version during Adult Spinal Deformity Surgery**
Alanay A., Yilgör İ. Ç.
15. Uluslararası Türk Omurga Kongresi, İzmir, Turkey, 24 - 27 May 2023
- XVII. **A Comparative Analysis of Skeletal Maturity Staging Systems by Means of Longitudinal Growth and Curve Modulation Prediction after VBT Surgery**
Alanay A., Yucekul A., Yilgör İ. Ç.
15. Uluslararası Türk Omurga Kongresi, İzmir, Turkey, 24 - 27 May 2023
- XVIII. **A Comprehensive Analysis of Outcomes and Treatment Success of Thoracic, Thoracolumbar and Bilateral Vertebral Body Tethering Surgery**
Alanay A., Yilgör İ. Ç., Yucekul A., Ergene G., Senay S., Yalınay Dikmen P.
15. Uluslararası Türk Omurga Kongresi, İzmir, Turkey, 24 - 27 May 2023
- XIX. **Comparison of Radiographic and Clinical Outcomes of Adult vs Adolescent Scheuermann Kyphosis Patients: A Matched Cohort Analysis after Surgery**
Alanay A., Yilgör İ. Ç., Yucekul A.
15. Uluslararası Türk Omurga Kongresi, İzmir, Turkey, 24 - 27 May 2023
- XX. **Is Low-Lumbar LIV Selection Relevant for the Long-Term Outcome in ASD Surgery?**
Alanay A.
Eurospine Annual Meeting, Milan, Italy, 19 - 22 October 2022
- XXI. **Data Mining for Predicting Mechanical Complications in Postoperatively Well-Aligned Adult Spinal Deformity Patients using XgBoost Modelling**
Alanay A., Yilgör İ. Ç., Yucekul A., Sezerman O. U.

Eurospine Annual Meeting , Milan, Italy, 19 - 22 October 2022

- XXII. **Long-Term Loss of Alignment Following ASD in the Absence of Mechanical Complications: Aging Spine?**
Alanay A.
Eurospine annual Meeting, Milan, Italy, 19 - 22 October 2022
- XXIII. **We must Consider Homogeneous Sub-Groups of Patients in ASD!**
Alanay A.
Eurospine Annual Meeting, Milan, Italy, 19 - 22 October 2022
- XXIV. **A Single Surgeon's Experience of Thoracoscopic VBT: 5 to 8-years Follow-up Results**
Alanay A., Yılgör İ. Ç., Yuçekul A., Ergene G., Senay S., Yalinay Dikmen P.
Eurospine Annual Meeting, Milan, Italy, 19 - 22 October 2022
- XXV. **Two to Five Years Pulmonary Functions After Thoracic, Thoracolumbar and Double-Curve VBT Surgery**
Alanay A., Yılgör İ. Ç., Yuçekul A., Ergene G., Senay S.
Eurospine Annual Meeting, Milan, Italy, 19 - 22 October 2022
- XXVI. **Long-Term Loss of Alignment Following ASD in the Absence of Mechanical Complications: Aging Spine?**
Alanay A.
SRS Annual Meeting, Stockholm, Sweden, 14 - 17 September 2022, pp.74
- XXVII. **Major Complications Following Anterior Vertebral Body Tethering Surgery**
Alanay A.
SRS Annual Meeting, Stockholm, Sweden, 14 - 17 September 2022, pp.131
- XXVIII. **Two to Five Years' Pulmonary Functions After Thoracic, Thoracolumbar, and Double-Curve VBT Surgery**
Alanay A., Yılgör İ. Ç., Yuçekul A., Ergene G., Senay S.
SRS Annual Meeting, Stockholm, Sweden, 14 - 17 September 2022, pp.169
- XXIX. **Factors Effecting Opioid Use of European Adult Spinal Deformity Patients: Minimum 5-Year Follow-Up Study**
Alanay A., Yılgör İ. Ç., Yuçekul A.
SRS Annual Meeting, Stockholm, Sweden, 14 - 17 September 2022, pp.73
- XXX. **Relationship Between Adult Spinal Deformity Surgery and Employment, Sick Leaves, Return to Work, and Early Retirement: Minimum 5-Year Follow-Up Study**
Alanay A., Yılgör İ. Ç., Yuçekul A.
SRS Annual Meeting, Stockholm, Sweden, 14 - 17 September 2022, pp.74
- XXXI. **Does the Use of Postoperative Brace Play a Protective Role Following Adult Deformity Surgery?**
Alanay A.
SRS Annual Meeting, Stockholm, Sweden, 14 - 17 September 2022, pp.113
- XXXII. **Time-Dependent Interpretation of Mechanical Complications Using Cox Regression and Survival Analysis**
Alanay A., Yılgör İ. Ç., Yuçekul A.
SRS Annual Meeting, Stockholm, Sweden, 14 - 17 September 2022, pp.111
- XXXIII. **Surgical Correction of Coronal Malalignment (CM) Improves Clinical Outcomes in a Large Cohort of Adult Spinal Deformity (ASD) Patients**
Alanay A.
SRS Annual Meeting, Stockholm, Sweden, 14 - 17 September 2022, pp.57
- XXXIV. **Data Mining for Predicting Mechanical Complications in Postoperatively Well-Aligned Adult Spinal Deformity Patients using XgBoost Modelling**
Alanay A., Yılgör İ. Ç., Yuçekul A.
14th International Turkish Spine Congress, İzmir, Turkey, 25 - 28 May 2022
- XXXV. **Factors Affecting Opioid Use of European Adult Spinal Deformity Patients: Minimum 5 years Follow-up Study**

Alanay A., Yılgör İ. Ç., Yucekul A.

14th International Turkish Spine Congress, İzmir, Turkey, 25 - 28 May 2022

XXXVI. Comparison of Patient-reported Outcomes after Vertebral Body Tethering and Posterior Spinal Fusion

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

14th International Turkish Spine Congress, İzmir, Turkey, 25 - 28 May 2022

XXXVII. A Single Surgeon's Experience of Thoracoscopic VBT: 5 to 8-years Follow-up Results

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

14th International Turkish Spine Congress, İzmir, Turkey, 25 - 28 May 2022

XXXVIII. 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, Turkey, 25 May 2022 - 28 May 2023

XXXIX. 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, Turkey, 25 - 28 May 2022

XL. 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.

14th International Turkish Spine Congress, İzmir, Turkey, 25 - 28 May 2022

XLI. Pulmonary Function in Idiopathic Scoliosis after Fusion and Non-Fusion Surgeries: A Matched Cohort Analysis

Alanay A., Yılgör İ. Ç.

14th International Turkish Spine Congress, İzmir, Turkey, 25 - 28 May 2022

XLII. 7. A Novel Growth Modulation Scale to Predict Curve Behavior after Vertebral Body Tethering

Alanay A., Yılgör İ. Ç.

14th International Turkish Spine Congress, İzmir, Turkey, 25 - 28 May 2022

XLIII. Two to Five Years Pulmonary Functions After Thoracic, Thoracolumbar and Double-Curve VBT Surgery

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

14th International Turkish Spine Congress, İzmir, Turkey, 25 - 28 May 2022

XLIV. 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, Turkey, 25 - 28 May 2022

XLV. Prediction of Longitudinal Growth and Growth Modulation using Different Skeletal Maturity Staging Systems

Alanay A., Yılgör İ. Ç., Yucekul A.

14th International Turkish Spine Congress, İzmir, Turkey, 25 - 28 May 2022

XLVI. 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, Turkey, 25 - 28 May 2022

XLVII. 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, Turkey, 25 - 28 May 2022

XLVIII. 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, Turkey, 25 - 28 May 2022

XLIX. 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, Turkey, 25 - 28 May 2022

- L. **Defining Different Distal Adding-On Patterns After Thoracic-only Vertebral Body Tethering**
Alanay A., Yılgör İ. Ç., Yuçekul A., Ergene G., Senay S., Yalinay Dikmen P.
IMAST 2022 , Florida, United States Of America, 6 - 09 April 2022, pp.41
- LI. **Segmental Correction Technique Results in Earlier Tether Breakage Compared to Global Correction Technique: A Matched Cohort Analysis**
Alanay A., Yılgör İ. Ç., Yuçekul A., Ergene G., Senay S., Yalinay Dikmen P.
IMAST 2022, Florida, United States Of America, 6 - 09 April 2022, pp.42
- LII. **Avrupa erişkin omurga deformite hastalarının analjezik ve opioid ilaç kullanım profili: En az 5 yıl takip çalışması**
Yılgör İ. Ç., Yuçekul 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, Turkey, 09 November 2021, vol.55, pp.72
- LIII. **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., Yalinay Dikmen P.
30. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 9 - 14 November 2021
- LIV. **TORAKOSKOPİK BANT İLE GERDİRME (VBT) AMELİYATININ 2 İLA 5 YILLIK TAKİP SONUÇLARI: TEK CERRAHA AİT DENEYİM**
Alanay A., Yılgör İ. Ç., Yuçekul A., Senay S., Yalinay Dikmen P., Ergene G.
30. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 9 - 14 November 2021
- LV. **TAMAMLAYICI GÖRÜNTÜLEME YÖNTEMİ: RASTERSTEREOGRAFINİN KULLANILABİLİRLİĞİ VE RADYOGRAFİ İLE VALİDASYONU**
Alanay A., Yılgör İ. Ç., Yuçekul A., Bayramoğlu M.
30. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 9 - 14 November 2021
- LVI. **TORAKOSKOPİK 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, Turkey, 9 - 14 November 2021
- LVII. **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., Yuçekul A.
30. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 9 - 14 November 2021
- LVIII. **A NOVEL GROWTH MODULATION SCALE TO PREDICT CURVE BEHAVIOR AFTER VERTEBRAL BODY TETHERING**
Alanay A., Yılgör İ. Ç., Yuçekul A.
Eurospine, Vienna, Austria, 6 - 08 October 2021
- LIX. **BEHAVIOR OF 30th UPPER THORACIC CURVES AFTER THORACOSCOPIC VBT FOR MAIN THORACIC CURVES: A MATCHED COHORT ANALYSIS**
Alanay A., Yuçekul A., Yılgör İ. Ç., Ergene G., Senay S., Yalinay Dikmen P.
Eurospine, Vienna, Austria, 6 - 08 October 2021
- LX. **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.
EUROSPINE 2021, Vienna, Austria, 6 - 08 October 2021, vol.1, pp.27
- LXI. **COMPARATIVE EFFECTIVENESS OF ANTERIOR INTERBODY FUSION VERSUS POSTERIOR INTERBODY FUSION IN PATIENTS UNDERGOING SURGERY FOR ASD: A PROPENSITY SCORE BASED ANALYSIS**
Alanay A.
eurospine, Vienna, Austria, 6 - 08 October 2021

- LXII. **Is thoracoscopic VBT a pulmonary function declining or improving surgery?**
Yilgör İ. Ç., Akpunarli B., Yücekul A., Abul K., Kindan P., Ergene G., Senay S., Zulemyan T., Yavuz Y., Alanay A.
EUROSPINE 2021, Vienna, Austria, 6 - 08 October 2021, vol.1, pp.110
- LXIII. **Does vertebral body tethering cause disc and facet joint degeneration? An 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.
EUROSPINE 2021, Vienna, Austria, 6 - 08 October 2021, vol.1, pp.81-82
- LXIV. **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, Austria, 6 - 08 October 2021
- LXV. **IS VBT SAFE AND EFFECTIVE FOR 60° MAIN THORACIC CURVES? A MATCHED COHORT ANALYSIS**
Alanay A., Yilgör İ. Ç.
Eurospine, Vienna, Austria, 6 - 08 October 2021
- LXVI. **COMPENSATORY MECHANISMS RECRUITED AGAINST PROXIMAL JUNCTIONAL KYPHOSIS BY PATIENTS INSTRUMENTED FROM THE THORACOLUMBAR JUNCTION TO THE ILIAC**
Alanay A.
Eursopine, Vienna, Austria, 6 - 08 October 2021
- LXVII. **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, Austria, 6 - 08 October 2021
- 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, Austria, 6 - 08 October 2021
- LXIX. **THE IMPACT OF UNPLANNED REINTERVENTIONS FOLLOWING ASD SURGERY**
Alanay A.
Eurospine, Vienna, Austria, 6 - 08 October 2021
- 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, Austria, 6 - 08 October 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, Austria, 6 - 08 October 2021
- LXXII. **THE FATE OF THORACOLUMBAR ROTATIONAL KYPHOSIS AFTER ADULT SCOLIOSIS SURGICAL CORRECTION**
Alanay A.
Eurospine, Vienna, Austria, 6 - 08 October 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., Yilgör İ. Ç.
Eurospine, Vienna, Austria, 6 - 08 October 2021
- LXXIV. **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., United States Of America, 29 September - 02 October 2021, vol.21, pp.60

- LXXXV. **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, United States Of America, 21 - 25 September 2021
- LXXXVI. **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.
SRS 56th Annual Meeting - Scoliosis Research Society, Missouri, United States Of America, 22 - 25 September 2021, pp.149-150
- 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, United States Of America, 21 - 25 September 2021
- LXXXVIII. **Gain in HRQL after ASD Surgery is Maintained Between 2 and 5 Years' Follow-Up**
Alanay A.
SRS Annual Meeting, Missouri, United States Of America, 21 - 25 September 2021
- LXXXIX. **Pulmonary Function in Idiopathic Scoliosis after Fusion and Non-Fusion Surgeries: A Matched Cohort Analysis**
Alanay A., Yılgör İ. Ç.
SRS Annual Meeting, Missouri, United States Of America, 21 - 25 September 2021
- LXXX. **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, United States Of America, 21 - 25 September 2021
- LXXXI. **The Impact of Unplanned Reinterventions Following ASD Surgery**
Alanay A.
SRS Annual Meeting, Missouri, United States Of America, 21 - 25 September 2021
- LXXXII. **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, United States Of America, 21 - 25 September 2021
- LXXXIII. **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, United States Of America, 21 - 25 September 2021
- LXXXIV. **Comparative Effectiveness of Ant-IF vs. Post-IF in ASD Surgery: A Propensity Score Based Analysis**
Alanay A.
SRS Annual Meeting, Missouri, United States Of America, 21 - 25 September 2021
- LXXXV. **Predicting Overcorrection in AVBT: Can We Improve Patient Selection?**
Alanay A.
SRS Annual Meeting, Missouri, United States Of America, 22 - 25 September 2021, pp.89-90
- 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, United States Of America, 22 - 25 September 2021, pp.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.
SRS Annual Meeting, Missouri, United States Of America, 22 - 25 September 2021, pp.93-94
- LXXXVIII. **Operative Differences for PSF After VBT: Are We Fusing More Levels in the End?**

- Alanay A.
SRS Annual Meeting, Missouri, United States Of America, 21 - 25 September 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, United States Of America, 22 - 25 September 2021, pp.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.
SRS Annual Meeting, Missouri, United States Of America, 22 - 25 September 2021, pp.85-86
- 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.
Scosym, 18 - 19 September 2021
- 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 July 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 July 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.
21. Asia Pacific Orthopaedic Association Congress, 29 July 2021 - 31 July 2022
- XCv. **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 July 2021
- 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.
13th Combined Meeting of Asia Pacific Spine Society & Asia Pacific Paediatric Orthopaedic Society, 9 - 12 June 2021
- XCvII. **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 June 2021
- XCvIII. **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 June 2021
- XCIX. **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 June 2021
- C. **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 June 2021
- CI. **Comparison of Rasterstereography and Radiographic Measurements in Coronal Plane Deformities**
Alanay A., Yilgör İ. Ç., Yucekul A., Bayramoğlu M.
eSOSORT 2021 , 29 April - 01 May 2021
- CII. **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 April - 01 May 2021

- CIII. **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 April - 01 May 2021

- CIV. **Thoracoscopic and Mini-Open Lumbotomy Vertebral Body Tethering for Thoracolumbar/Lumbar Curves: Two to Three Years Follow-up**

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

28th International Meeting on Advanced Spine Techniques, 23 - 25 April 2021, pp.62-63

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

Alanay A.

IMAST, 23 - 25 April 2021, pp.61-62

- 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 April 2021, pp.47-48

- CVII. **ASSOCIATION BETWEEN SAGITTAL ALIGNMENT AND ADJACENT SEGMENT LOADING AS PREDICTED BY PATIENT-SPECIFIC MUSCULOSKELETAL SIMULATIONS**

Alanay A., Yilgör İ. Ç.

Eurospine, 6 - 09 October 2020

- CVIII. **ADULT CONGENITAL DEFORMITY: CLINICAL FEATURES AND MOTIVATIONS FOR SURGICAL TREATMENT**

Alanay A.

Eurospine, 6 - 09 October 2020

- 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.

Eurospine, 6 - 09 October 2020

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

Alanay A., Yucekul A., Erdogan B., Ergene G., Senay S., Ay B., Yalinay Dikmen P., Züleyman T., Yavuz Y., Yilgör İ. Ç.

Eurospine 2020, Vienna, Austria, 6 - 09 October 2020, vol.1, no.32, pp.32

- CXI. **SURGEONS' RISK PERCEPTION IN ASD SURGERY. THE VALUE OF MACHINE LEARNING RISK CALCULATORS ON DECISION MAKING AND PATIENT COUNSELLING**

Alanay A.

Eurospine, 6 - 09 October 2020

- CXII. **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 October 2020

- CXIII. **PREDICTOR OF MECHANICAL FAILURES IN ADULT SPINAL DEFORMITY SURGERY WITH LONG LUMBOPELVIC FIXATIONS**

Alanay A., Yilgör İ. Ç.

Eurospine, 6 - 09 October 2020

- CXIV. **Correlations of Pelvic Incidence-Based Relative Radiographic Parameters to Lower Extremity Compensations**

Alanay A., Yucekul A., Yilgör İ. Ç.

SRS Annual Meeting, 9 - 13 September 2020

- CXV. **SRS-22r Score of a Prospective Evaluation of Elderly Deformity Surgery: A Prospective Observational, Multicenter Study**

- Alanay A.
SRS Annual Meeting, 9 - 13 September 2020
- 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.
SRS Annual Meeting, 9 - 13 September 2020, pp.41
- 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.
SRS Annual Meeting, 9 - 13 September 2020
- 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 September 2020, pp.38
- CXIX. **Intraoperative Neuromonitoring Practice Patterns in Spinal Deformity Surgery**
Alanay A., Yalnay Dikmen P., Yilgör İ. Ç., Yucekul A.
SRS Annual Meeting, 9 - 13 September 2020, pp.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.
SRS Annual Meeting, 9 - 13 September 2020, pp.46
- CXXI. **Complications Unique to Vertebral Body Tethering: Complications that We Haven't Seen Before**
Alanay A.
IMAST, 10 July - 22 August 2020
- CXXII. **Forced Decision Tree Classifier for Determining Widespread Acting Features Affecting Mechanical Complications**
Alanay A., Yucekul A., Yilgör İ. Ç.
IMAST, 10 July - 22 August 2020
- CXXIII. **From Prediction to Prevention in Assessment of Risk of Mechanical Complications**
Alanay A., Yilgör İ. Ç., Yucekul A.
IMAST, 10 July - 22 August 2020
- CXXIV. **Thoracoscopic Vertebral Body Tethering for Patients with >30 Degree Upper Thoracic Curves**
Alanay A., Yucekul A., Yilgör İ. Ç., Ergene G., Yalnay Dikmen P., Senay S.
IMAST, 10 July - 22 August 2020
- CXXV. **Assessment of Sagittal Shape and Alignment Using ShortCassette Radiographs and Intraoperative Fluoroscopic Images for Predicting Mechanical Complications**
Alanay A., Yilgör İ. Ç., Yucekul A.
IMAST, 10 July - 22 August 2020
- CXXVI. **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.
IMAST, 10 July - 22 August 2020
- CXXVII. **Thoracoscopic and Mini-Open Lumbar Anterior Vertebral Body Tethering for Thoracolumbar and Double Curves**
Alanay A., Yilgör İ. Ç., Yucekul A., Ergene G., Senay S.
IMAST, 10 July - 22 August 2020
- CXXVIII. **Predictive Surgical Planning and Initial Correction: Traditional Way by Using Growth Parameters (Risser, Menarche, Tanners, Sanders)**
Alanay A.
IMAST, 10 July - 22 August 2020

- 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.
IMAST, 10 July - 22 August 2020
- 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**
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.
EURO SPINE 2019, 16 - 18 October 2019
- CXXXI. **Correlation of Pelvic Incidence-Based Relative Radiographic Parameters to Lower Extremity Compensations**
Alanay A.
eurospine , Helsinki, Finland, 15 - 18 October 2019
- CXXXII. **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 Ş., AY B., YAVUZ Y., YILGÖR İ. Ç.
Scoliosis Research Society 54th Annual Meeting Course, Montreal, Canada, 18 - 21 September 2019, pp.177-178
- CXXXIII. **FORCED DECISION TREE CLASSIFIER FOR DETERMINING WIDESPREAD ACTING FEATURES AFFECTING MECHANICAL COMPLICATIONS**
Seymen N., ORHUN M. Ö., Özmen B. B., YÜCEKUL A., Mannion A., Sezerman O., OBEID I., Kleinstueck F., Perez-Grueso F. J. S., Acaroğlu E., et al.
XIII. Uluslararası Türk Omurga Kongresi, İzmir, Turkey, 3 - 06 April 2019, pp.121
- CXXXIV. **Forced Decision Tree Classifier for Determining Widespread Acting Features Affecting Mechanical Complications**
Alanay A.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- CXXXV. **Relative L4-S1 Lordosis: New PI-based Promotional Parameter that Aids the Interpretation of the Distribution of Lumbar Lordosis**
Alanay A.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- CXXXVI. **Time-Dependent Interpretation of Mechanical Complications Using Cox Regression and Survival Analysis**
Alanay A.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- CXXXVII. **Importance of Postoperative and Follow-up Information on Prediction of Mechanical Complications**
Alanay A.
13th International Turkish Spine Congress, İzmir, Turkey, 3 April - 06 December 2019
- CXXXVIII. **Assessment of Sagittal Shape and Alignment Using Short-Cassette Radiographs and Intraoperative Fluoroscopic Images for Predictinf Mechanical Complications**
Alanay A.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- CXXXIX. **Vertebral Body Tethering vs Posterior Instrumentation and Fusion for Adolescent Idiopathic Scoliosis: A Matched Cohort Analysis**
Alanay A.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- CXL. **Brace and Weaned vs Brace and Operated Adolescent Idiopathic Scoliosis Patients: Amatched Cohort Analysis**
Alanay A.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- CXLI. **Thoracoscopic Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Minimum 2 years Results of Patients Reaching Skeletal Maturity**

- Alanay A.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- 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.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- 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.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019, pp.915-926
- CXLIV. **Non-fusion Thoracoscopic Anterior Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Preliminary Results of a Single European Center..**
YILGÖR İ. Ç., cebeci b. ö., abul k., lahut s., ERGENE G., Şahin Ş., ALANAY A.
Scoliosis Reserch Society 53rd Annual Meeting and Course, Bologna, Italy, 10 - 13 October 2018, pp.199-200
- CXLV. **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.
Spinal Cerrahide Komplikasyonlar Sempozyumu, Muğla, Turkey, 26 - 29 September 2018, vol.28, pp.197
- 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 ?**
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.
Eurospine 2018, Barsezona, Spain, 19 - 21 September 2018, vol.27
- CXLVII. **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.
Global Spine Congress 2018, Singapore, 2 - 05 May 2018, vol.8, pp.174-374
- CXLVIII. **ANTERIOR VERTEBRAL BODY TETHERING FOR ADOLESCENT IDIOPATHIC SCOLIOSIS: 19 PATIENTS WITH MINIMUM 1-YEAR FOLLOW-UP**
cebeci b. ö., abul k., ERGENE G., Şahin Ş., lahut s., kaval a., YILGÖR İ. Ç., ALANAY A.
20TH ASIA PACIFIC ORTHOPAEDIC ASSOCIATION CONGRESS, Antalya, Turkey, 10 - 14 April 2018, pp.51-52
- CXLIX. **Global Alignment and Proportion (GAP) Score Better Correlates to HRQoL Scores and Better Predicts Mechanical Complications Compared to SRS-Schwab Sagittal Modifiers**
YILGÖR İ. Ç., Söğünmez N., YAVUZ Y., Özmen B. B., Obeid I., Kleinstück F., Acaroglu R. E., Perez Grueso F. J. S., Mannion A., Pellise F., et al.
North American Spine Society 32nd Annual Meeting, 25 - 28 October 2017
- CL. **Non-fusion Growth Modulation with Anterior Vertebral Body Tethering via Thoracoscopic Approach for Adolescent Idiopathic Scoliosis**
cebeci b. ö., ERGENE G., sogunmez n., AY B., YILGÖR İ. Ç., ALANAY A.
32th Annual Meeting of the North American Spine Society, Florida-Orlando, United States Of America, 25 - 28 October 2017, vol.17, pp.106
- CLI. **The Appropriate Sagittal Plane Correction to Individualized Proportionate Shape and Alignment Does Not Necessarily Mean More Complex Surgery in Adult Spinal Deformity**
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.
Eurospine 2017, 11 - 13 October 2017

- CLII. **A Single Sagittal Parameter for Decision Making in ASD?**
Boissiere L., YILGÖR İ. Ç., Larrieu D., Bourghli A., Cawley D., Fujishiro T., Acaroglu R. E., Kleinstück F., Perez Grueso F. J. S., Pellise F., et al.
Scoliosis Research Society 52nd Annual Meeting Course, 6 - 09 September 2017
- CLIII. **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.
52nd SRS ANNUAL MEETING COURSE, Philadelphia, United States Of America, 6 - 09 September 2017
- CLIV. **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.
Scoliosis Research Society 52nd Annual Meeting Course, 6 - 09 September 2017
- CLV. **ADULT SPINAL DEFORMITY OVER 70 YEARS OF AGE: A MINIMUM TWO-YEARS FOLLOW-UP STUDY**
ACAROGLU 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.
Eurospine 2017, Ireland, 11 - 13 October 2017, vol.26, pp.335-405
- CLVI. **Failure to Validate the Age-Adjusted Alignment Thresholds Concept in an Adult Spinal Deformity Database**
YILGÖR İ. Ç., Söğünmez N., YAVUZ Y., Obeid I., Kleinstück F., Acaroglu R. E., Perez Grueso F. J. S., Mannion A., Pellise F., ALANAY A., et al.
24th International Meeting on Advanced Spine Techniques, 12 - 15 July 2017
- CLVII. **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 May 2017
- CLVIII. **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., VILA CASADEMUNT A., PELLISE F., ALANAY A., SANCHEZ F. J., GRUESO F. S. P., et al.
Global Spine Congress 2017, Italy, 3 - 06 May 2017, vol.7, pp.190-373
- CLIX. **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 April 2017
- CLX. **Use of a Tailored Multimodal Recovery Pathway Accelerates Inpatient Recovery**
YILGÖR İ. Ç., Kından P., ALANAY A., Söğünmez N., AY B.
12th International Turkish Spine Congress, 19 - 22 April 2017
- CLXI. **Rölatif Spinopelvik Alignment (RSA): Sagital Dizilimi SVA'ya Kıyasla Daha İyi Belirleyen Yeni Pİtemelli Orantısal Parametre**
YILGÖR İ. Ç., Söğünmez N., YAVUZ Y., Boissiere L., Kleinstück F., Perez Grueso F. J. S., Acaroglu R. E., Mannion A., Pellise F., ALANAY A., et al.
Türk Nöroşirurji Derneği 31. Bilimsel Kongresi, Turkey, 29 March - 02 April 2017
- CLXII. **Rölatif Pelvik Versiyon (RPV): Pelvik Oryantasyonu Ölçen, Yeni Pİ-temelli Orantısal Parametrenin Pelvik Tilt ile Karşılaştırılması**
YILGÖR İ. Ç., Söğünmez N., YAVUZ Y., Aşaroğlu C. B., Haddad S., Obeid I., Kleinstück F., Perez Grueso F. J. S., Mannion A., Pellise F., et al.
Türk Nöroşirurji Derneği 31. Bilimsel Kongresi, Turkey, 29 March - 02 April 2017
- CLXIII. **Critical Age Thresholds for Surgical Complexity and Complication Rates in Adult Idiopathic Scoliosis**
YILGÖR İ. Ç., Söğünmez N., SARIYILMAZ K., Pellise F., Perez Grueso F. J. S., Acaroglu R. E., Obeid I., Kleinstück F., ALANAY A., ESSG E. S. S. G.

Eurospine 2016, 5 - 07 October 2016

- CLXIV. **Which clinical parameters of the Schwab SRS classification system for ASD is significant in predicting treatment outcomes for surgically treated patients**
YÜKSEL S., MMOPELWA T., AYHAN S., NABIYEV V., PELLISE F., VILA A., ALANAY A., PEREZ F., KLEINSTUCK F., OBEID I., et al.
IMAST 2016, Washington, Kiribati, 13 - 16 July 2016, pp.142-143
- CLXV. **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, United Arab Emirates, 13 - 16 April 2016
- CLXVI. **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.
Global Spine Congress 2016, 13 - 16 April 2016
- CLXVII. **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.
Scoliosis Research Society 50th Annual Meeting Course, 30 September - 03 October 2015
- CLXVIII. **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.
EUROSPINE 2015, KOPENHAG, Denmark, 2 - 04 September 2015
- CLXIX. **Multiple Regression Analysis Of Factors Affecting The Mental Component Score Constituents Of Sf 36 In Adult Spinal Deformity**
AYHAN S., YÜKSEL S., NİYAZI 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, Denmark, 2 - 04 September 2015
- CLXX. **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.
EUROSPINE 2015, KOPENHAG, Denmark, 2 - 04 September 2015
- CLXXI. **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 July 2015
- CLXXII. **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, Malaysia, 8 July - 11 May 2015
- CLXXIII. **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.
11th International Turkish Spine Congress, 19 - 22 April 2015
- CLXXIV. **Kirschner teli tespit ve kompresyonu sağlayan bir araç**
KARADENİZ E., meriç e., ALANAY A., YAZICI M., azmi h., mümtaz a.
22. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Turkey, 31 October - 05 November 2011
- CLXXV. **Kirshner teli tespit ve kompresyonu sağlayan bir araç**
KARADENİZ E., meriç e., ALANAY A., YAZICI M., azmi h.

Ortopedi ve Travmatoloji İstanbul Buluşması, Turkey, 4 - 07 May 2011

- CLXXVI. **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 April 2011
- CLXXVII. **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.
9. Uluslararası Türk Omurga Kongresi, 27 - 30 April 2011
- CLXXVIII. **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, Italy, 1 - 30 April 2011
- CLXXIX. **Direct repair of lumbar spondylolysis by segmental pedicle screw infralaminar hook construct**
çağatay ö., KARADENİZ E., ALANAY A., serhan k., mehmet d., azmi h.
9. Uluslararası Türk Omurga Kongresi, 27 - 30 April 2011
- CLXXX. **Surgical Management of Tuberculosis of the Spine**
ALANAY A., Olgun D.
12th EFORT Congress, Copenhagen, Denmark, 1 - 04 June 2011, vol.11, pp.93-96
- CLXXXI. **Efficacy of Sacroiliac Orthosis in the Treatment of Sacroiliac Joint Syndrome**
TURAN E., CAN F., ALANAY A.
5th Annual Meeting of the Spine Society of Europe, 30 September - 04 October 2003, vol.12, pp.11
- CLXXXII. **Does transverse apex coincide with coronal apex levels (regional or global) in adolescent idiopathic scoliosis?**
Acaroglu E., YAZICI M., Deviren V., Alanay A., Cila A., Surat A.
3rd Biannual Meeting of the International Research Society of Spinal Deformities, Clermont-Ferrand, France, 26 - 30 May 2000, vol.88, pp.136-139

Activities in Scientific Journals

Brain & Spine Journal, Editor, 2021 - Continues
North American Spine Society Journal, Editor, 2021 - Continues
JBJS Reviews, Editor, 2019 - Continues
Spine Deformity, Editor, 2017 - Continues
European Spine Journal, Editor, 1999 - Continues
Spine, Advisory Committee Member, 1999 - Continues

Memberships / Tasks in Scientific Organizations

Eurospine, Chairman, 2023 - Continues, Switzerland
International Society on Scoliosis Orthopaedic and Rehabilitation Treatment (SOSORT), Member, 2018 - Continues, United States Of America
American Bone and Joint Society (ABJS), Member, 2012 - Continues, United States Of America
North American Spine Society, Member, 2002 - Continues, United States Of America
AO Spine, Member, 1999 - Continues, Switzerland
Eurospine, Member, 1998 - Continues, Switzerland
Scoliosis Research Society, Member, 1998 - Continues, United States Of America
Turkish Spine Society , Member, 1998 - Continues, Turkey
European Federation of Orthopaedics and Traumatology (EFORT), Member, 1996 - Continues, Switzerland
Turkish Society of Orthopaedic Surgery and Traumatology Associationsrk Ortopedi ve Travmatoloji Birliđi Derneđi,

Member, 1993 - Continues, Turkey
Eurospine, Vice President, 2022 - 2023, Switzerland

Scientific Refereeing

Brain & Spine Journal, Other Indexed Journal, October 2021
Nass Journal, Other Indexed Journal, January 2020
SPINE JOURNAL, Journal Indexed in SCI-E, January 2019
JBJS REVIEWS, Journal Indexed in ESCI, January 2019
Spine deformity, Other Indexed Journal, January 2017
JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME, SCI Journal, January 2015
EUROPEAN SPINE JOURNAL, Journal Indexed in SCI-E, January 1999
SPINE, SCI Journal, January 1999

Tasks In Event Organizations

Alanay A., 29th International Meeting on Advanced Spine Techniques (IMAST), Scientific Congress, Florida, United States Of America, Nisan 2022
Alanay A., MERC Non-fusion Scoliosis Correction, Workshop Organization, Switzerland, Kasım 2021
Alanay A., Spine Deformity Solutions: A Hands-On Course, Workshop Organization, Netherlands, Ekim 2021

Scientific Research / Working Group Memberships

Harms Study Group, Setting Scoliosis Straight Foundation, Amerika Birleşik Devletleri, <https://hsg.settingscoliosisstraight.org/>, 2018 - Continues
Ao Spine Knowledge Forum Deformity, AO Spine, İsviçre, <https://www.aofoundation.org/spine/research/research-programs/knowledge-forum-deformity>, 2015 - Continues
European Spine Study Group, European Spine Study Group, İspanya, spine-essg.com, 2010 - Continues

Metrics

Publication: 405
Citation (WoS): 3884
Citation (Scopus): 5320
H-Index (WoS): 34
H-Index (Scopus): 39

Congress and Symposium Activities

MERC: Fusion vs Non-Fusion Scoliosis Correction Techniques Cadaveric Training Program, Session Moderator, Barcelona, Spain, 2023
Eurospine, Moderator, Frankfurt, Germany, 2023
Eurospine, Invited Speaker, Frankfurt, Germany, 2023
Eurospine, Invited Speaker, Frankfurt, Germany, 2023
4th International Scoliosis Symposium, Invited Speaker, İstanbul, Turkey, 2023
58TH ANNUAL SRS MEETING, Moderator, Washington, United States Of America, 2023
58TH SRS ANNUAL MEETING, Invited Speaker, Washington, United States Of America, 2023

58TH SRS ANNUAL MEETING, Invited Speaker, Washington, United States Of America, 2023
58TH SRS ANNUAL MEETING, Panelists, Washington, United States Of America, 2023
ABJS Annual Meeting, Moderator, Washington, United States Of America, 2023
15. Uluslararası Türk Omurga Kongresi, Invited Speaker, İzmir, Turkey, 2023
15. Uluslararası Türk Omurga Kongresi, Invited Speaker, İzmir, Turkey, 2023
30th International Meeting on Advanced Spine Techniques, Moderator, Dublin, Ireland, 2023
30th International Meeting on Advanced Spine Techniques, Moderator, Dublin, Ireland, 2023
30th International Meeting on Advanced Spine Techniques, Moderator, Dublin, Ireland, 2023
Cutting Edge Meeting, Invited Speaker, Florida, United States Of America, 2023
Cutting Edge Meeting, Invited Speaker, Florida, United States Of America, 2023
AO Spine, Session Moderator, İstanbul, Turkey, 2023
Eurospine Annual Meeting, Moderator, Milan, Italy, 2022
SRS Annual Meeting, Invited Speaker, Stockholm, Sweden, 2022
INTERNATIONAL MEETING ON ADVANCED SPINE TECHNIQUES (IMAST), Moderator, Florida, United States Of America, 2022
30. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Invited Speaker, Antalya, Turkey, 2021
Eursopine, Moderator, Vienna, Austria, 2021
Eurospine, Invited Speaker, Vienna, Austria, 2021
SRS Annual Meeting, Moderator, Missouri, United States Of America, 2021
SRS Annual Meeting, Invited Speaker, Missouri, United States Of America, 2021
30th International Meeting on Advanced Spine Techniques (IMAST), Moderator, Wisconsin, United States Of America, 2021
30th International Meeting on Advanced Spine Techniques (IMAST), Panelists, Wisconsin, United States Of America, 2021
30th International Meeting on Advanced Spine Techniques (IMAST), Session Moderator, Wisconsin, United States Of America, 2021

Awards

Alanay A., Louis A. Goldstein Best Clinical Research Poster Award, Scoliosis Research Society (Srs), September 2023
Alanay A., IHH Medical Excellence Award, IHH Healthcare Group, September 2023
Alanay A., Yılgör İ. Ç., En İyi Sözlü Bildiri , Türk Omurga Derneği, May 2023
Alanay A., Yılgör İ. Ç., En İyi Sözlü Bildiri Ödülü, Türk Omurga Derneği, May 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, November 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, September 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, September 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, April 2021