

Assoc. Prof. İlyas Çağlar YILGÖR

Personal Information

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

Email: Caglar.Yilgor@acibadem.edu.tr

Web: <https://avesis.acibadem.edu.tr/caglar%C4%B1lyas.yilgoer>

Post Address: Acibadem Maslak Hastanesi Omurga Sağlığı Ünitesi Büyükdere caddesi no:40 34457 Maslak Sarıyer İstanbul

Education Information

Expertise In Medicine, Hacettepe University, Turkey 2007 - 2012

Under Graduate, Hacettepe University, Turkey 2001 - 2007

Foreign Languages

English, C2 Proficiency

Italian, A1 Beginner

Research Areas

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

Academic Titles / Tasks

Associate Professor, Acibadem Mehmet Ali Aydınlar University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2018 - Continues

Assistant Professor, Acibadem Mehmet Ali Aydınlar University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2014 - 2018

Professional Experience

Spine Surgeon, Acibadem Maslak Hospital, Comprehensive Spine Center, 2016 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **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, pp.270-279, 2019 (Journal Indexed in SCI)
- **Restoring the ideal Roussouly sagittal profile in adult scoliosis surgery decreases the risk of mechanical complications**
Pizones J., Moreno-Manzanaro L., Sánchez Pérez-Grueso F. J. , Vila-Casademunt A., Yilgor C., Obeid I., ALANAY A., Kleinstück F., Acaroglu E. R. , Pellisé F.
European Spine Journal, 2019 (Journal Indexed in SCI)
- **Relative pelvic version: an individualized pelvic incidence-based proportional parameter that quantifies pelvic version more precisely than pelvic tilt**
Yilgor C., Yavuz Y., Sogunmez N., Haddad S., Mannion A. F. , Abul K., Boissiere L., Obeid I., Kleinstück F., Pérez-Grueso F. J. S. , et al.
Spine Journal, vol.18, pp.1787-1797, 2018 (Journal Indexed in SCI)

- 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**

Yilgor C., Sogunmez N., Yavuz Y., Abul K., Boissière L., Haddad S., Obeid I., Kleinstück F., Pérez-Grueso F. J. S. , Acaroglu E., et al.

Neurosurgical Focus, vol.43, 2017 (Journal Indexed in SCI)
- 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**

Yilgor C., Sogunmez N., Boissiere L., Yavuz Y., Obeid I., Kleinstuck F., Perez-Gruero F. J. S. , Acaroglu E., Haddad S., Mannion A. F. , et al.

Journal of Bone and Joint Surgery - American Volume, vol.99, pp.1661-1672, 2017 (Journal Indexed in SCI)
- 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, pp.2160-2166, 2017 (Journal Indexed in SCI)
- 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, pp.480-488, 2017 (Journal Indexed in SCI)
- 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, pp.3644-3649, 2016 (Journal Indexed in SCI)
- Comparison of magnetic resonance imaging findings with arthroscopic findings in discoid meniscus**

Yilgor C., ATAY Ö. A. , Ergen B., Doral M. N.

Knee Surgery, Sports Traumatology, Arthroscopy, vol.22, pp.268-273, 2014 (Journal Indexed in SCI)
- Effects of the fusionless instrumentation on the disks and facet joints of the unfused segments: A pig model**

Demirkiran G., Yilgor C., AYVAZ M., KÖSEMEHMETOĞLU K., Daglioglu K., YAZICI M.

Journal of Pediatric Orthopaedics, vol.34, pp.185-193, 2014 (Journal Indexed in SCI)
- Osteotomies/spinal column resection in paediatric deformity**

Gokcen B., Yilgor C., ALANAY A.

European Journal of Orthopaedic Surgery and Traumatology, vol.24, 2014 (Journal Indexed in SCI Expanded)
- Fusionless instrumentation in growing spine and adjacent segment problems: An experimental study in immature pigs**

Yilgor C., DEMİRKIRAN H. G. , ARITAN S., KÖSEMEHMETOĞLU K., Daglioglu K., Isikhan S. Y. , YAZICI M.

Spine, vol.38, pp.2156-2164, 2013 (Journal Indexed in SCI)
- Evaluation of acetabular development after Dega acetabuloplasty in developmental dysplasia of the hip**

Aksoy C., Yilgor C., Demirkiran G., ÇAĞLAR Ö.

Journal of Pediatric Orthopaedics Part B, vol.22, pp.91-95, 2013 (Journal Indexed in SCI)
- Tissue engineering strategies in ligament regeneration**

Yilgor C., Yilgor Huri P., HURİ G.

Stem Cells International, 2012 (Journal Indexed in SCI)
- Is expansion thoracoplasty a safe procedure for mobility and growth potential of the spine? Spontaneous fusion after multiple chest distractions in young children**

Yilgor C., Demirkiran G., AYVAZ M., YAZICI M.

Journal of Pediatric Orthopaedics, vol.32, pp.483-489, 2012 (Journal Indexed in SCI)
- Simultaneous forequarter amputation and radical mastectomy for metastatic breast carcinoma in a male patient: A case report**

Articles Published in Other Journals

- **Team Approach: Contemporary Treatment of Congenital Scoliosis**
Karaarslan U. C. , Gurel I. E. , Yucekul A., Demirkiran H. G. , Samdani A., Yılgor C., Alanay A.
JBJS reviews, vol.7, 2019 (Journal Indexed in ESCI)
- **Validation of a Simplified SRS-Schwab Classification Using a Sagittal Modifier**
Kieser D., Boissiere L., Cawley D., Larrieu D., Yılgor C., Takemoto M., Yoshida G., ALANAY A., Acaroglu E., Kleinstück F., et al.
Spine Deformity, vol.7, pp.467-471, 2019 (Refereed Journals of Other Institutions)
- **Metal Ion Release During Growth-Friendly Instrumentation for Early-Onset Scoliosis: A Preliminary Study**
Yılgor C., Efendiyev A., Akbiyik F., Demirkiran G., ŞENKÖYLÜ A., ALANAY A., YAZICI M.
Spine Deformity, vol.6, pp.48-53, 2018 (Refereed Journals of Other Institutions)
- **Adult spinal deformity surgery understanding the true impact on specific activities of daily living**
Kieser D., Boissière L., Ghailane S., Larrieu D., Bourghli A., Yılgor C., ALANAY A., Pelissé F., Sanchez Perez Grueso F., Kleinstück F., et al.
Journal Medical Libanais, vol.66, pp.193-196, 2018 (Refereed Journals of Other Institutions)
- **Semitendinosus snapping: Analysis of movement, electromyographic activities, muscle strength and endurance, motor control and joint position sense**
Güney H., Kaya D., Yılgor C., Cilli M., ARITAN S., Yuksel I., Doral M. N.
Muscles, Ligaments and Tendons Journal, vol.3, pp.166-172, 2013 (Refereed Journals of Other Institutions)

Book & Book Chapters

- **Spine surgery**
Yılgor İ. Ç.
Springer-Verlag , Zug, 2019

Refereed Congress / Symposium Publications in Proceedings

- **Correlation of Pelvic Incidence-Based Relative Radiographic Parameters to Lower Extremity Compensations**
Yılgor İ. Ç.
eurospine, Helsinki, Finland, 15 - 18 October 2019
- **Relative L4-S1 Lordosis: New PI-based Promotional Parameter that Aids the Interpretation of the Distribution of Lumbar Lordosis**
Yılgor İ. Ç.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- **Forced Decision Tree Classifier for Determining Widespread Acting Features Affecting Mechanical Complications**
Yılgor İ. Ç.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- **Importance of Postoperative and Follow-up Information on Prediction of Mechanical Complications**
Yılgor İ. Ç.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- **Time-Dependent Interpretation of Mechanical Complications Using Cox Regression and Survival Analysis**
Yılgor İ. Ç.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019

- **Thoracoscopic Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Minimum 2 years Results of Patients Reaching Skeletal Maturity**
Yilgör İ. Ç.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- **Assessment of Sagittal Shape and Alignment Using Short-Cassette Radiographs and Intraoperative Fluoroscopic Images for Predicting Mechanical Complications**
Yilgör İ. Ç.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- **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**
Yilgör İ. Ç.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- **Vertebral Body Tethering vs Posterior Instrumentation and Fusion for Adolescent Idiopathic Scoliosis: A Matched Cohort Analysis**
Yilgör İ. Ç.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019
- **Brace and Weaned vs Brace and Operated Adolescent Idiopathic Scoliosis Patients: A matched Cohort Analysis**
Yilgör İ. Ç.
13th International Turkish Spine Congress, İzmir, Turkey, 3 - 06 April 2019

Citations

Total Citations (WOS):154

h-index (WOS):6