

ISTANBUL AYDIN UNIVERSITY  
FACULTY OF DENTISTRY

---



# E-NEWSPAPER

JULY · AUGUST · SEPTEMBER 2026

ISTANBUL AYDIN UNIVERSITY

FACULTY OF DENTISTRY

# MASTHEAD

E-NEWSPAPER · JULY · AUGUST · SEPTEMBER 2026

## OWNER ON BEHALF OF ISTANBUL AYDIN UNIVERSITY

**Prof. Dr. Mustafa AYDIN**

Chairman of the Board of Trustees

## EDITORIAL BOARD

**Prof. Dr. İbrahim Hakkı AYDIN**

**Prof. Dr. Şeyda HERGÜNER SİSO**

Dean, Faculty of Dentistry

## PREPARED FOR PUBLICATION BY

**Prof. Dr. Dilara ARSLAN**

Vice Dean, Faculty of Dentistry

**Res. Asst. Dr. Gökçe YAŞA**

**Res. Asst. Elif ÇAKILKAYA, DDS**

## DUS ACHIEVEMENTS

### 2026 DUS – Our Students Placed in Specialty Training

Our Faculty's students achieved great success in the 2026 Dental Specialty Training Entrance Examination (DUS). We warmly congratulate all of our students who have been placed in specialty training programs and wish them every success on their new journey.



ISTANBUL AYDIN UNIVERSITY  
FACULTY OF DENTISTRY

## We Are Proud!

★ ★ ★

2026 DENTAL SPECIALTY TRAINING ENTRANCE EXAMINATION (DUS)  
★ OUR STUDENTS PLACED IN SPECIALTY TRAINING ★

|                                                                                          |                                                                                                 |                                                                                  |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>NİSA NUR ERSİN</b>                                                                    | <b>BEKİR ALPARSLAN<br/>BAYRAK</b>                                                               | <b>EDA ERDÖNMEZ</b>                                                              |
| <b>Başkent University</b><br><i>Department of Endodontics</i>                            | <b>Bahçeşehir University</b><br><i>Department of Periodontology</i>                             | <b>Ankara University</b><br><i>Department of Periodontology</i>                  |
| Congratulations to our student; we wish continued success in specialty training.         | Congratulations to our student; we wish continued success in specialty training.                | Congratulations to our student; we wish continued success in specialty training. |
| <b>MUHAMMED TARIK<br/>MELENP</b>                                                         | <b>TUNCER ARDA ERKAL</b>                                                                        |                                                                                  |
| <b>Bezmialem Vakıf University</b><br><i>Department of Oral and Maxillofacial Surgery</i> | <b>UHS Hamidiye Faculty of Dentistry</b><br><i>Department of Oral and Maxillofacial Surgery</i> |                                                                                  |
| Congratulations to our student; we wish continued success in specialty training.         | Congratulations to our student; we wish continued success in specialty training.                |                                                                                  |

*Success is no accident; it is the result of hard work and determination!*

## ORIENTATION PROGRAMS

### First-Year Orientation Program

**İSTANBUL AYDIN ÜNİVERSİTESİ** | **22. YIL** | **FACULTY OF DENTISTRY**

**ORYANTASYON PROGRAMI**

Sevgili Öğrenciler,  
Üniversite hayatınıza bilinçli ve güçlü bir başlangıç yapmanız için hazırlanan Oryantasyon Programı'na davetlisiniz.

**Program İçeriği:**

- Ders İşleyişi ve Ölçme-Değerlendirme
- Kulüpler Tanıtımı
- UBIS Kullanımı

**ORIENTATION PROGRAM**

Dear Students,  
We are delighted to invite you to our Orientation Program, designed to help you begin your university life in the best way possible.

**Program Topics:**

- Course Structure and Assessment System
- Student Clubs Introduction
- UBIS Usage

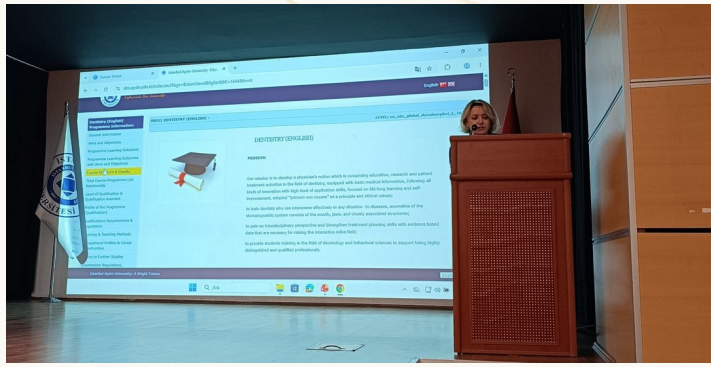
**ARAMIZA HOŞ GELDİNİZ!** **WELCOME TO US!**

**17/09/2026** **17/09/2026**

**13.00 (Türkçe Oturum)** **14.00 (English Session)**

**D Blok Mavi Salon** **D Block Blue Hall**

[www.aydin.edu.tr](http://www.aydin.edu.tr) | [X](#) [@iaukampus](#)



An orientation program was organized by our Faculty for first-year students beginning the 2026-2027 academic year.

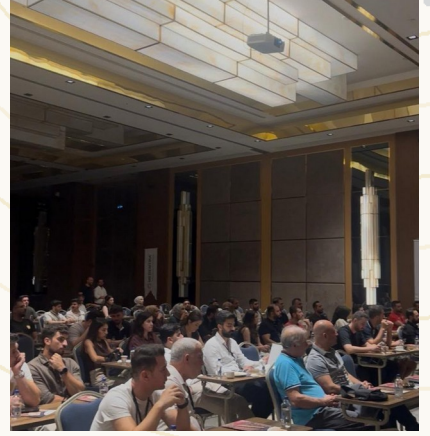
### Clinical Orientation Program – Esenyurt Campus



An orientation program was held at the Esenyurt Campus for our 4th- and 5th-year students who are about to begin treating patients in the clinic.

## COURSES

### Digital Workflow Course – Diyarbakır



Our faculty member **Prof. Dr. Önjen Tak** delivered a “Digital Workflow” course to dentists in Diyarbakır on 20 September 2026.

### Lamina Hands-on Training



**Prof. Dr. Ali Murat KÖKAT** from our Department of Prosthodontics organized a Lamina hands-on training on 6 August 2026.

## Use of Rotary Instruments in Endodontics Course



Delivered by **Assoc. Prof. Dr. Işıl Kaya Büyükbayram** of our Department of Endodontics and held in collaboration with Fanta Dental Türkiye, the “*Use of Rotary Instruments in Endodontics*” course took place at our Faculty. The full-day hands-on training, attended by 110 of our students, covered the fundamental theory of rotary systems together with current approaches to clinical practice. In the hands-on sessions, root canal shaping was performed on extracted teeth using AF Blue Rotary and AF Blue Reciproc files, and clinical protocols for rotary systems were discussed through case-based scenarios. We thank Sana Mahroos and Hakkı Talha Yıldız for their valuable contributions.

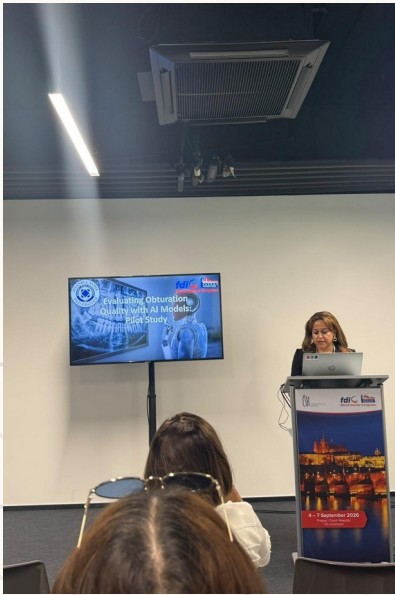
## CONGRESS PRESENTATIONS

### 3rd International Dentistry Congress – Sivas



Our faculty member **Prof. Dr. Önjen TAK** gave a presentation at the 3rd International Dentistry Congress of Sivas Cumhuriyet University.

### World Dental Congress 2026 – Prague



Our Department of Endodontics took part in the World Dental Congress 2026, held in Prague on 4–7 September 2026.

#### Presentations

- ◆ **"AI Models for Endodontic Obturation Quality: Pilot Study"** — Sana Mahroos Mkhalef Alshammari, Işıl Kaya Büyükbayram, Hakkı Talha Yıldız **(Oral Presentation)**
- ◆ **"Follow-up of Internal Root Resorption and Large Periapical Lesion"** — Hakkı Talha Yıldız, Işıl Kaya Büyükbayram **(Poster Presentation)**
- ◆ **"Guided Repair and PRF Regenerative Treatment: A Case Report"** — Sana Mahroos Mkhalef Alshammari, Hakkı Talha Yıldız, Houra Sadat Bonekdar **(Poster Presentation)**

## IADH Congress and 3rd International Dentistry Congress



**2026 IADH** (International Association of Disability and Oral Health) Congress: three poster presentations were delivered.



At the 3rd International Dentistry Congress hosted by Sivas Cumhuriyet University on 18–20 September 2026, the study entitled “The Effect of Current Rotary File Systems with Different Taper Angles on Vertical Root Fracture”, prepared by Asst. Prof. Dr. Melisa USLU, Ata VARASTEHFARD, DDS and Nisa ŞENER, DDS, was delivered as an oral presentation by **Ata VARASTEHFARD, DDS**.

## DOCTORAL GRADUATES

### Rozerin Buluttekın – Department of Orthodontics



On 4 September 2026, our Department of Orthodontics PhD student **Rozerin Buluttekın** successfully presented the doctoral thesis entitled “*Comparison of the Effects of Clear Aligner Therapy and Fixed Appliances on the Vertical Dimension in Growing Patients*”.



### Nida Tutka

**Nida Tutka** presented, on 13 August 2026, the doctoral thesis entitled “*Comparison of the Cytotoxicity of Clear Aligner Materials Produced by Direct 3D Printing*”.



### Nükheth Efe — Department of Orthodontics

Doctoral thesis presented on 27 August 2026: *Comparison of the Dental and Skeletal Effects of Two Different Types of Maxillary Molar Distalization Appliances*



### Simge Gedik, DDS — Department of Prosthodontics

Simge Gedik, DDS, a thesis student of Prof. Dr. Pınar Türkoğlu, successfully defended the doctoral thesis.



**Kader Yıldız Özyılmaz** — Department of Pediatric Dentistry

Kader Yıldız Özyılmaz, PhD student and Research Assistant in the Department of Pediatric Dentistry, successfully presented the doctoral thesis entitled “Finite Element Analysis of Pediatric Prefabricated Crowns on Primary Teeth Endodontically Treated with Different Methods”.



**Erdem Özyılmaz** — Department of Periodontology

Erdem Özyılmaz, PhD student in the Department of Periodontology, successfully presented the doctoral thesis entitled “Evaluation of the Effectiveness and Reliability of Different Methods for Measuring Gingival Thickness and Gingival Phenotype”.



**Ayşenur Arpacı** — Department of Periodontology

Ayşenur Arpacı, PhD student in the Department of Periodontology, successfully presented the doctoral thesis entitled “Evaluation of the Effect of Alpha-Tocopherol Application on Mucosal Wound Healing in Rats”.



**Ahmet Selçuker** — Department of Periodontology

Ahmet Selçuker, PhD student in the Department of Periodontology, successfully presented the doctoral thesis entitled “Evaluation of Gingival Crevicular Fluid Cytokine Levels in Deep Margin Elevation Applications”.

## Q1-Q2 PUBLICATIONS

**ISTANBUL AYDIN  
UNIVERSITY****WOS-Q1 SCOPUS-Q1**

*Article Title:* **Effects of bone-quality configuration, effective peri-implant interface stiffness, and loading configuration on stress distribution in an ultrashort implant system: a three-dimensional finite element analysis**

*Journal:* **BMC Oral Health**

*Index:* **WOS-Q1 SCOPUS-Q1**

*Published:* **August 2026**

Prof. Dr.  
**Sercan KÜÇÜKKURT**

[Click to Read the Article](#)



**ISTANBUL AYDIN  
UNIVERSITY**



## **SCOPUS-Q1 WOS-Q1**

*Article Title:* **Anatomical Proximity of Posterior Maxillary Tooth Roots as an Independent Predictor of Maxillary Sinus Mucosal Thickening: A CBCT-Based Study**

*Journal:* **MDPI Diagnostics**

*Index:* **SCOPUS-Q1 WOS-Q1**

*Published:* **August 2026**

Asst. Prof. Dr.

**Cemile Nur YILDIRIM**



[Click to Read the Article](#)





**ISTANBUL AYDIN  
UNIVERSITY**



# SCOPUS-Q2

*Article Title:* **Comparative evaluation of mechanical properties of directly 3D-printed clear aligner material**

*Journal:* **APOS Trends in Orthodontics**

*Index:* **SCOPUS-Q2**

*Published:* **August 2026**

Asst. Prof. Dr.

**Ahmet Murat ARTUÇ**



10.25259/APOS\_133\_2026





**ISTANBUL AYDIN  
UNIVERSITY**



## WOS-Q1 SCOPUS-Q1

*Article Title:* **A Checklist-Based Assessment of Manual Skill Competency in Dental Anaesthesia Using a Simulator: A Prospective, Blinded, Video-Assisted Validation Study**

*Journal:* **European Journal of Dental Education**

*Index:* **WOS-Q1 SCOPUS-Q1**

*Published:* **August 2026**

Assoc. Prof. Dr.  
**Esra YÜCE**



[Click to Read the Article](#)





**ISTANBUL AYDIN  
UNIVERSITY**



## **WOS-Q2 SCOPUS-Q1**

*Article Title:* **Adjunctive topical 5-fluorouracil for reducing recurrence in conservative surgical treatment of ameloblastoma: a STROBE-compliant retrospective cohort study**

*Journal:* **Head & Face Medicine**

*Index:* **WOS-Q2 SCOPUS-Q1**

*Published:* **August 2026**

Assoc. Prof. Dr.  
**Esra YÜCE**



<https://doi.org/10.1186/s13005-026-00651-9>





**ISTANBUL AYDIN  
UNIVERSITY**



## SCOPUS-Q1 WOS-Q1

*Article Title:* **Multi-model comparison of artificial intelligence responses to caregiver-oriented pediatric dental scenarios**

*Journal:* **BMC ORAL HEALTH**

*Index:* **SCOPUS-Q1 WOS-Q1**

*Published:* **August 2026**



Res. Asst.

**Kader YILDIZ ÖZYILMAZ**



Assoc. Prof. Dr.

**Edibe EGİL**

[Click to Read the Article](#)



## PUBLICATIONS

1. Bilici Geçer, R., Tabancalı, A., Hasgöl, Ç. et al. Diagnostic performance of a multimodal large language model in assessing the index of complexity, outcome, and need: comparison with orthodontist evaluation. BMC Oral Health (2026). <https://doi.org/10.1186/s12903-026-09094-9>
2. Tartaglia FC, Rossi G, Mainardi L, Wang H, Resteghini C, Goker F, Lorini L, Gurizzan C, Paderno A and Bossi P (2026). Prediction of loss of heterozygosity in oral cavity dysplasia through vascular pattern. Front. Oral Health 7:1829880. <https://doi.org/10.3389/froh.2026.1829880>
3. Kaya, I.A., Demircan, B., Ozdilek, F.B. et al. Circulating microRNAs as Promising Biomarkers in Parkinson's Disease. Mol Neurobiol 63, 758 (2026). <https://doi.org/10.1007/s12035-026-06045-x>
4. Yildiz Ozyilmaz K., Tiken Z.C. & Egil E. Multi-model comparison of artificial intelligence responses to caregiver-oriented pediatric dental scenarios. BMC Oral Health (2026). <https://doi.org/10.1186/s12903-026-09496-9>
5. Cuglan, S., Gas, S., Bayramov, N., Colakoglu, G., & Ucan, G. O. (2026). Cone-Beam Computed Tomography-Based Anatomic Mapping of Maxillofacial Foramina: Development of a Novel Proportional Guide for Facial Aesthetic Procedures. Journal of Craniofacial Surgery. <https://doi.org/10.1097/SCS.00000000000013226>
6. Gulhan Cakir B, Tutka N, Artuc AM. Comparative evaluation of mechanical properties of directly 3D-printed clear aligner materials. APOS Trends Orthod. [https://doi.org/10.25259/APOS\\_133\\_2026](https://doi.org/10.25259/APOS_133_2026)
7. Erdur, E.A., Altındağ, A., Yıldırım, C.N. et al. Sex estimation from hand-wrist radiographic images: an artificial intelligence approach. Int J Legal Med (2026). <https://doi.org/10.1007/s00414-026-03964-1>
8. Yıldırım, C. N., & Altındağ, A. (2026). Anatomical Proximity of Posterior Maxillary Tooth Roots as an Independent Predictor of Maxillary Sinus Mucosal Thickening: A CBCT-Based Study. Diagnostics, 16(16), 2675. <https://doi.org/10.3390/diagnostics16162675>
9. Akça, B.S., Küçük Kurt, S. Effects of bone-quality configuration, effective peri-implant interface stiffness, and loading configuration on stress distribution in an ultrashort implant system: a three-dimensional finite element analysis. BMC Oral Health (2026). <https://doi.org/10.1186/s12903-026-09683-8>
10. Yuce, E. A Checklist-Based Assessment of Manual Skill Competency in Dental Anaesthesia Using a Simulator: A Prospective, Blinded, Video-Assisted Validation Study. European Journal of Dental Education (2026): 1–12. <https://doi.org/10.1111/eje.70290>
11. Yuce, E. Adjunctive topical 5-fluorouracil for reducing recurrence in conservative surgical treatment of ameloblastoma: a STROBE-compliant retrospective cohort study. Head Face Med (2026). <https://doi.org/10.1186/s13005-026-00651-9>
12. Cebesoy, E.I., Uslu, M., Günver, M.G. et al. Interaction between patient-administered adjunctive palatal topical hyaluronic acid and smoking status in free gingival grafting: a retrospective cohort study. BMC Oral Health (2026). <https://doi.org/10.1186/s12903-026-09775-5>