



FACULTY OF DENTISTRY

Prepared by Istanbul Aydin University Faculty of Dentistry.

OUR NEW DEAN PROF. SEYDA HERGUNER SISO HAS STARTED HER DUTY.

With the approval of the Board of Trustees dated 05.07.2024 and numbered 113467, *Prof. Seyda HERGUNER SISO*, who was working in the Department of Restorative Dentistry, was appointed as the Deputy Dean. We would like to thank our professor for her valuable contributions to our faculty and wish her success in her new position.

EDITORIAL BOARD

Prof. Ibrahim Hakkı
AYDIN

(Rector)

Prof. Seyda
HERGUNER SISO
(Dean)

PREPARED FOR
PUBLICATION BY

Assist. Prof. Gulce Nil
VARLIHAN





PROF. DILARA ARSLAN HAS BEEN APPOINTED

AS THE VICE DEAN OF OUR FACULTY

AND

HEAD OF THE CLINICAL SCIENCES DEPARTMENT.

The request for the appointment of *Prof. Dilara ARSLAN*, who is a faculty member in the Department of Endodontics, as the Vice Dean of the Faculty of Dentistry and Head of the Department of Clinical Sciences of our University has been approved by the Board of Trustees with the approvals dated 18.07.2024 and numbered 124154 and 124565. We wish her success in her new duties.





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**ASSOC. PROF. DIDEM ONER OZDAS HAS BEEN APPOINTED
AS THE VICE DEAN OF OUR FACULTY
AND THE HEAD OF THE DEPARTMENT OF PEDODONTICS.**

Assoc. Prof. Didem ONER OZDAS, who has been working as a faculty member in the Department of Pedodontics, has been appointed as the Head of the Department of Pedodontics with the approval of the Board of Trustees dated 08.07.2024 and numbered 122704; and as the Vice Dean with the approval dated 08.07.2024 and numbered 122154. We wish her success in her new duties.





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FACULTY OF DENTISTRY

OUR DOCTORATE STUDENTS PROFICIENCY EXAMS WERE SUCCESSFULLY COMPLETED

In July of the 2023-2024 Spring semester, 4 of our students doctorate proficiency exams were successfully completed in the Department of Oral and Maxillofacial Surgery of our faculty.





OUR EVENTS HELD IN JULY



In July 2024, Associate Dean and Head of the Department of Pedodontics *Assoc. Prof. Didem ONER OZDAS* and PhD students *Dt. Zeynep Ceren TIKEN*, *Dt. Zeynep SOYDOGAN* and *Dt. Shaghayegh DABBAGHCHIAN* conducted an oral hygiene screening and oral hygiene training at the Altı Nokta Foundation for the Blind.



In July 2024, as part of the promotion days, our faculty members and undergraduate students introduced our faculty to university candidates.



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WE ARE HAPPY TO PROVIDE OUR 8TH TERM GRADUATES.

The 2023-2024 Academic Year Faculty of Dentistry 8th Term Graduation Ceremony was held on Monday, 12.08.2024 at 13:30 in the A Block Hasan Fehmi BÜYÜKBAYRAM Conference Hall with the participation of the Chairman of our university, **Prof. Mustafa AYDIN**, and the Dean of our faculty, **Prof. Şeyda HERGÜNER SİSO**.





İSTANBUL AYDIN ÜNİVERSİTESİ | 20 Yıl
DİŞ HEKİMLİĞİ FAKÜLTESİ
2023-2024 EĞİTİM ÖĞRETİM YILI

8. Mezuniyet Töreni  8th Graduation Ceremony

2023-2024 Eğitim-Öğretim Yılı Diş Hekimliği Fakültesi
8. Dönem Mezuniyet Törenine katılımınız bizleri onurlandıracaktır.
Prof. Dr. Şeyda HERGÜNER SİSO
Dekan Vekili

Tarih: 12 Ağustos 2024
Saat: 13:30
Yer: A Blok Hasan Fehmi BÜYÜKBAYRAM Konferans Salonu

Program Akışı

- Açılış Konuşması
- Saygı Duruşu - İstiklal Marşı
- Protokol Konuşmaları
- Video Gösterileri
- Dönem Birinci Konuşması
- Mezunlara Diplomalarının Verilişi
- Yemin Metni Okunuşu
- Kep Töreni



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OUR ACADEMIC STUDIES CONTINUE...

A large number of our faculty members and assistants contributed to the 2024 FDI World Dentistry Congress held in Istanbul, a city full of historical and cultural riches, on September 12-15, 2024, with posters and oral presentations.



Within the scope of FDI Congress, the studies titled ‘An Unusual Metastatic Colo-Rectal Adenocarcinoma Of The Mandible’ by **Prof. Mehmet Kagan DEGERLIYURT** and PhD student **Dt. Duygu SARITEMUR** from our faculty’s Department of Oral and Maxillofacial Surgery and the studies titled ‘Sequestrotomy After Tooth Extraction In A Patient Using Biphosphonates’ by **Prof. Orcun TOPTAS** and PhD students **Dt. Mehmet Furkan ATALAY** and **Dt. Orhun ULUOCAK** were presented with poster presentations.



[OP-460]

Autogenous Mandibular Impacted Supernumerary Premolar Transplantation into Artificial Socket

ESRA YÜCE¹, Fevzi Oğulcan Utlu¹, Işıl Kaya Büyükbayram², Muhammed Çağlar Bursa³, Gonca Özer³

¹Department of Oral and Maxillofacial Surgery, Istanbul Aydın University, Istanbul, Turkey

²Department of Endodontics, Istanbul Aydın University, Istanbul, Turkey

³Department of Prosthodontics, Istanbul Aydın University, Istanbul, Turkey

INTRODUCTION:Autotransplantation refers to the transplantation of non-functional supernumerary, impacted, misaligned or ectopically erupted healthy teeth into physiologically functional areas required tooth extraction or artificial alveolar socket in the same oral cavity. Delayed transplantation is performed following a period of healing of at least 3 months for the extraction site and bone to fully recover or in the case of hypodontia that requires surgically preparation of artificial sockets. This report describes a successful delayed autotransplantation of a wisdom supernumerary tooth.

CASE DESCRIPTION:20-year-old male patient proposed for autotransplantation of a mandibular impacted supernumerary premolar into an artificial socket in the site of a previously missing maxillary first premolar. Artificial alveolus was prepared using several consecutive drills of increasing diameter (Straumann®). Donor tooth was treated endodontically within 15 minutes after extraction. It was placed into the artificial socket and splinted for 3 months. Transplanted tooth was restored with full ceramic monolithic cad/cam restoration after splint removal. 2-year-follow-up radiographs reveal healthy periapical tissues.

DISCUSSION:The key factors in the preparation of artificial sockets are angulation and dimensions of the socket which should be prepared slightly wider and longer than root(s) of donor to prevent stress and damage to the periodontal ligaments and epithelial root sheath, as well as to ensure continuous blood flow. The viability of periodontal membrane cells significantly decreases, when the donor tooth is left out of the socket for more than 30 minutes.

CONCLUSION/CLINICAL SIGNIFICANCE:Achieving the optimal position, shortening the surgical time and utilizing digital technologies greatly improve overall survival after autotransplantation.

Keywords: autotransplantation, supernumerary tooth, delayed autotransplantation, artificial socket

Our faculty members *Assoc. Prof. Dr. Esra YUCE*, *Assoc. Prof. Işıl KAYA BUYUKBAYRAM*, *Assist. Prof. Muhammed Caglar BURSA* and PhD students *Dt. Fevzi Ogulcan UTLU* and *Dt. Gonca OZER*'s joint study titled 'Autogenous Mandibular Impacted Supernumerary Premolar Transplantation Into Artificial Socket' took its place as a poster presentation at the FDI congress.



Our faculty members of the Department of Restorative Dentistry, *Assist. Prof. Merve AYDEMİR*, periodontology and endodontics PhD students *Dt. Poyraz BESIROGLU* and *Dt. Hilal CUHADAR BESIROGLU*'s joint study titled 'Multidisciplinary Approach To Root Caries Treatment: A Case Report' was presented as an oral presentation at the FDI Congress.



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Assoc. Prof.. İşıl KAYA BUYUKBAYRAM, one of the faculty members of our faculty's Department of Endodontics, made her presentation titled 'Minimal Endodontic Access Cavities' at the FDI Congress symposium on Minimally Invasive Approaches in Current Dentistry Cases, and also moderated the presentation titled 'Management Of Discolored Endodontically Treated Anterior Teeth: A Conservative Approach'.



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  12-15 Eylül 2024
İstanbul, TÜ

Sayın Işıl Kaya Büyükbayram,

Türk Dişhekimleri Birliği ev sahipliği ile 12-15 Eylül 2024 tarihleri arasında İstanbul Kongre Merkezi (ICC) ile Lütfü Kırdar Uluslararası Kongre ve Sergi Sarayı'nın ortak kullanımı ile düzenlenecek olan FDI Dünya Dişhekimliği Kongresi bilinç programında sizleri Moderator olarak yer almaya davet etmekte memnuniyet duyuyoruz.

Bilimsel Program Bilgileriniz:

13.09.2024, 09:00 – 10:00 ICC - B2 Floor Emirgan Moderator: Işıl Kaya Büyükbayram Management of Discolored Endodontically Treated Anterior Teeth: A Conservative Approach Khalid Merdad (Saudi Arabia) & Helal Sonbul (Saudi Arabia)
14.09.2024, 14:00 – 15:00 ICC – B3 Floor 3B-26 Moderator: Işıl Kaya Büyükbayram Oral Presentation 94 (OP-371 / OP-374) General Dentistry » Others
14.09.2024, 15:00 – 16:00 ICC – B3 Floor 3B-26 Moderator: Işıl Kaya Büyükbayram Oral Presentation 95 (OP-375 / OP-378) General Dentistry » Others
14.09.2024, 16:30 – 17:30 ICC – B3 Floor 3B-26 Moderator: Işıl Kaya Büyükbayram



Endodontic Preclinical Students' Perceptions Regarding Natural and Artificial Teeth

Işıl Kaya Büyükbayram¹, Seda Aydemir Mutlu², Hilal Cuhadar Beşiroğlu¹, Serhat Gölbasi¹
¹ Department of Endodontics, İstanbul Aydın University, Türkiye
² Department of Endodontics, İstanbul Atlas University, Türkiye



Assoc. Prof. Işıl KAYA BUYUKBAYRAM, while taking on the role of moderator and presenter in many oral presentations within the scope of FDI Congress, also made an oral presentation titled 'Endodontic Preclinical Students Perceptions Regarding Natural And Artificial Teeth' which is a joint study with **Assoc. Prof. Seda AYDEMİR MUTLU**, faculty member of Atlas University Faculty of Dentistry, Department of Endodontics, and PhD students of our faculty's Department of Endodontics, **Dt. Hilal CUHADAR BESIROGLU** and **Dt. Serhat GOLBASI**.



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Our faculty's Department of Endodontics PhD students, **Dt. Servenaz KARBASSI**, successfully represented our faculty at the FDI Congress with her poster presentation titled 'Antibacterial Activity Of Bioceramic Materials In Immature Teeth', and **Dt. Hilal CUHADAR BESIROGLU**, successfully represented our faculty at the FDI Congress with her oral presentation titled 'Radiographic Assessment Of Cases Referred For Endodontic Retreatment'. **Dt. Hakkı Talha YILDIZ**, successfully presented his poster presentation titled 'Healing Of Large Periapical Lesions With Non-Surgical Endodontic Treatment', and **Dt. Serhat GOLBASI**, successfully presented his work titled 'Radiographic Assessment Of Cases Referred For Endodontic Retreatment' as an oral presentation, making our faculty proud.



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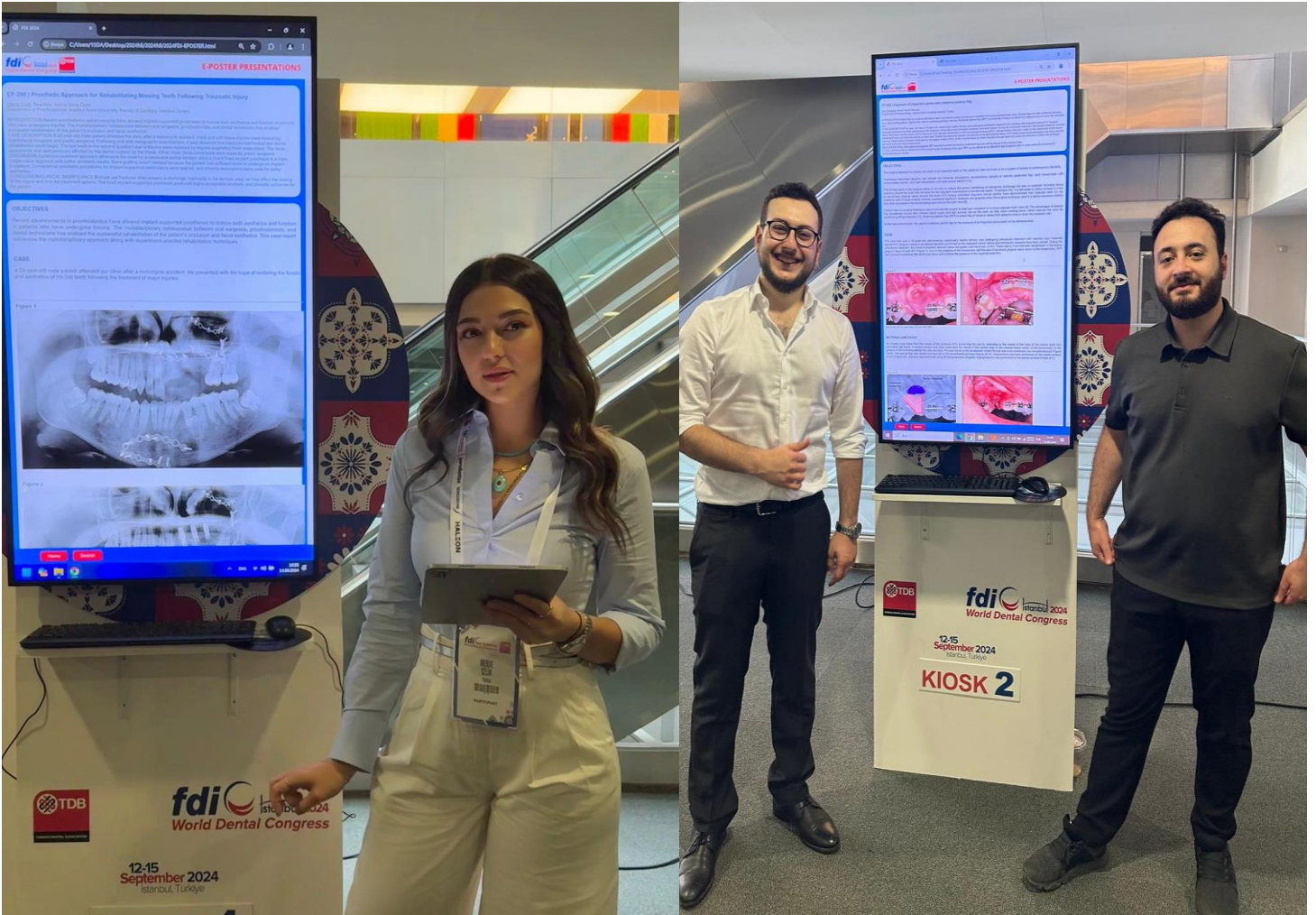


While our faculty's periodontology department doctoral student **Dt. Taha Orcun KUTLU**, periodontology department faculty member **Assist. Prof. Gulce Nil VARLIHAN** and pedodontics department doctoral student **Dt. Başak AKDAG** presented their joint study titled 'Management Of Dentoalveolar Trauma After An Epileptic Seizure' as a poster presentation; periodontology department doctoral student **Dt. Gokçe YASA** presented their poster presentation titled 'Esthetic Management Of Congenitally Missing Lateral Incisor' with periodontology department faculty member **Assist. Prof. Ezgi Sila TASKALDIRAN** and prosthetic dentistry department doctoral student **Dt. Damla KILIC**.



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Our faculty's prosthetic dentistry department faculty members **Prof. Serhat Emre OZKIR** and PhD student **Dt. Merve CELIK** presented their work as a poster presentation. Our faculty's periodontology department doctoral student **Dt. Ahmet Hamdi SELCUKER**, periodontology department faculty members **Assoc. Prof. Cenker Zeki KOYUNCUOGLU** and the same department PhD student **Dt. Mehmet TIRYAKIOGLU** presented their collaborative work titled 'Tunneled Coronally Advanced Flap For RT1 Isolated Gingival Recessions' as a poster presentation. Periodontology department doctoral student **Dt. Eren ERENOGLU** and the same department PhD student **Dt. Ahmet Hamdi SELCUKER** presented their case titled 'Exposure Of Impacted Canine With Rotational Pedicle Flap' as a poster presentation at the FDI Congress.



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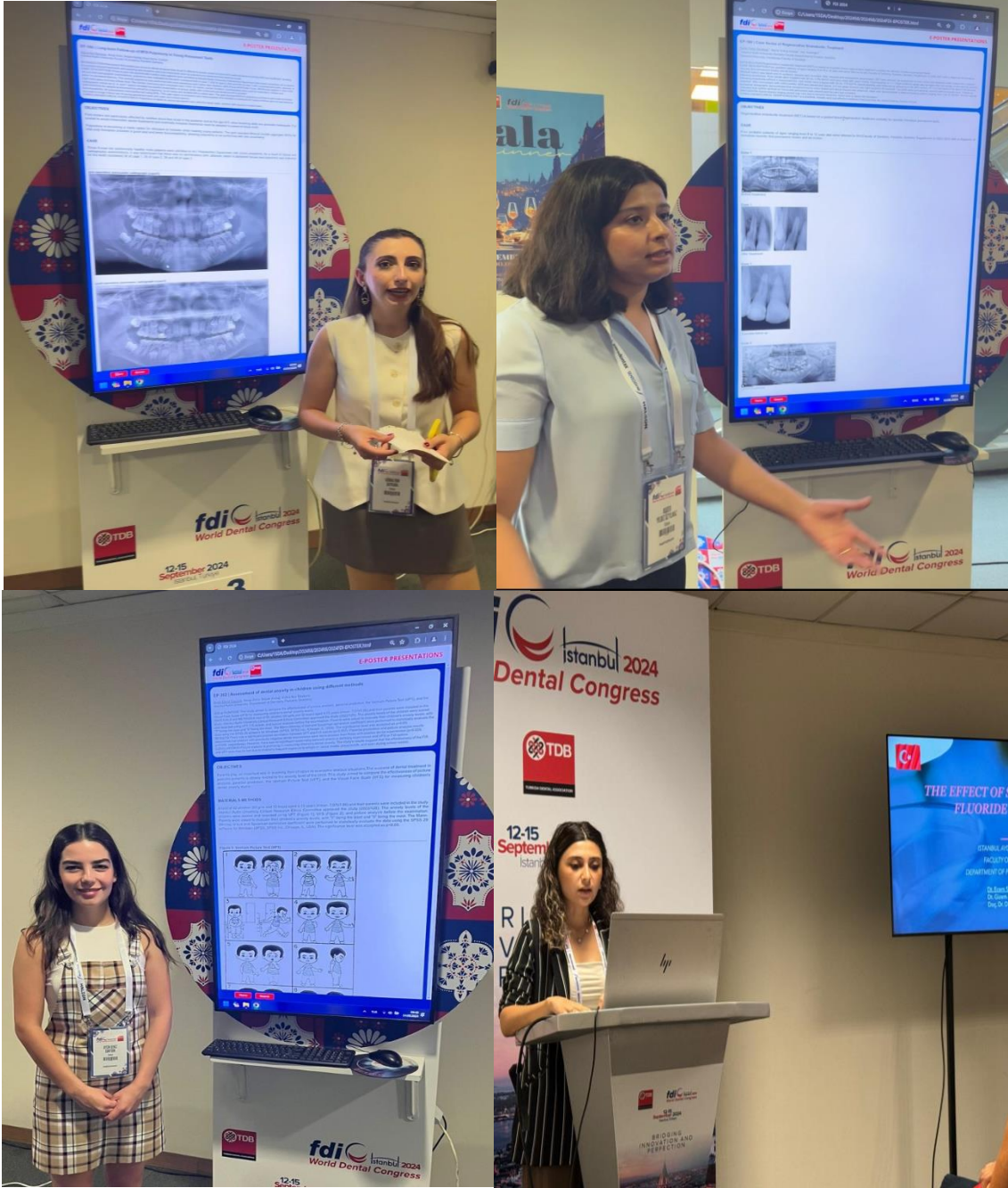


Dt. Erdem OZYILMAZ, Dt. İçer Cansu IŞIKOĞLU and Dt. Mehmet TIRYAKIOĞLU, PhD students of our faculty's department of periodontology, presented their work as an oral presentation.



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Our faculty's pediatric dentistry department PhD candidate **Dt. Kubra Nur BAYKARA** presented her studies titled "Long-term follow-up of MTA pulpotomy of young permanent teeth"; **Dt. Aycin Deniz CANTURK** presented her studies titled "Assessment of dental anxiety in children using different methods" as a poster, while **Dt. Ecem SALMAZ** contributed to the congress by presenting her work as an oral presentation. **Res. Asst. Dt. Kader YILDIZ**, who is working in the department of pediatric dentistry, presented her work titled "Case Series of Regenerative Endodontic Treatment" as a



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Our faculty's vice dean and head of the department of pedodontics, **Assoc. Prof. Didem ONER OZDAS**, made her oral presentation at the FDI Congress.



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Associate Dean and Head of the Department of Pedodontics **Assoc. Prof. Didem ONER OZDAS** attended the 2024-Tokyo World Congress on Dental Traumatology and presented her work as an oral presentation.



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**ASSOC. PROF. SULEYMAN EMRE MESELI
HAS BEEN APPOINTED AS AN ASSOCIATE PROFESSOR
IN THE DEPARTMENT OF PERIODONTOLOGY.**



Assoc. Prof. Suleyman Emre MESELI, who has been working as a faculty member in the Department of Periodontology, has been appointed as the Associate Professor with the approval of the Board of Trustees dated 18.09.2024 and numbered 129787. We wish her success in her new duties.



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ASSOC. PROF. ESRA GENC

**HAS BEEN APPOINTED AS AN ASSOCIATE PROFESSOR
IN THE DEPARTMENT OF ORTHODONTICS.**



Assoc. Prof. Esra GENC who has been working as a faculty member in the Department of Orthodontics, has been appointed as the Associate Professor with the approval of the Board of Trustees dated 18.09.2024 and numbered 129791. We wish her success in her new duties.



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OUR DOCTORATE STUDENT FROM THE DEPARTMENT OF ENDODONTICS HAS BEEN ENTITLED TO RECEIVE HIS DOCTORATE DEGREE.



Our PhD student, *Sarvenaz KARBASSI*, successfully completed the necessary studies and exams in the Endodontics program of the Graduate Education Institute and was awarded her PhD degree on 19.09.2024.



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2024-2025 NEW SCHOOL YEAR WORKS HAVE STARTED.



On Monday, September 16, 2024, between 09:00-10:00, the new academic year studies were discussed under the chairmanship of **Prof. Ragıp Kutay KARACA**, the head of the graduate education institute, with the participation of the department heads.

In addition, on September 16, 2024, the education, curriculum committee and pre-graduation measurement and evaluation committee meetings were held in the mezzanine meeting room.



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**OUR STUDENTS WHO WERE PERFORMING
THEIR 5TH GRADE INTEGRATED INTERNSHIP AT OUR FACULTY
WERE GIVEN TRAINING ON THE USE OF ROTARY TOOLS.**

**KÖK KANALLARININ ŞEKİLLENDİRİLMESİNDE
DÖNER ALETLERİN KULLANIMI EĞİTİMİ**

Eğitim 5. sınıf entegre stajı yapan öğrencilerimize gerçekleştirilecektir.

EĞİTMEN
Doç. Dr.
Işıl KAYA BÜYÜKBAYRAM

Esenyurt yerleşkemizde
26.09.2024 09:30-14:00

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Assoc. Prof. Dr. Işıl KAYA BÜYÜKBAYRAM, one of the faculty members of the Department of Endodontics, gave training on 'Use of Rotary Instruments in Shaping Root Canals' to the 5th year integrated internship students of our faculty.



OTHER NEWS ABOUT SCIENTIFIC STUDIES CONDUCTED IN OUR FACULTY

PUBLICATIONS

- 1. Duygu Bilgili (2024).** The Effects of Sonic Activation of the Irrigation Solution on Postoperative Pain. *J Biotechnol and Strategic Health Res.* 2024;8(4):125-132. DOI:10.34084/bshr.1512256
- 2. Serap Karakıs Akcan, Dilek Mamaklıođlu, Suleyman Emre Meseli (2024).** Awareness of Potential Oral and Systemic Risk Factors for Covid-19 Among Dentists. *Cumhuriyet Dental Journal*, 27(2): 69-78, 2024. DOI: <https://doi.org/10.7126/cumudj.1373300>
- 3. Bozkurt AP, Demirci M, Erdogan P, Kayalar E (2024).** Comparison of Microbial Adhesion and Biofilm Formation on Different Orthodontic Aligner is accepted by *American Journal of Orthodontics & Dentofacial Orthopedics (AJODO)*.