

Asst. Prof. AYŞE SÜMEYYE AKAY

Personal Information

Office Phone: [+90 216 280 4130](tel:+902162804130)

Email: ayse.akay@medeniyet.edu.tr

Web: <https://avesis.medeniyet.edu.tr/ayse.akay>

Address: Eski Ankara Asfaltı İstanbul Medeniyet Üniversitesi Orhanlı Kampüsü Dış Hekimliği Fakültesi Tuzla/İstanbul 34956

Education Information

Doctorate, Istanbul University, Faculty Of Dentistry, Division Of Clinical Sciences, Turkey 2012 - 2017

Undergraduate, Istanbul University, Faculty Of Dentistry, Division Of Clinical Sciences, Turkey 2006 - 2011

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Health&Medicine, 'Periimplantitis Vakalarında Yaklaşım' Prof. Dr. Ata ANIL, Ardent Dental Klinik, 2019

Health&Medicine, 'Piezoelectric Bone Surgery & Autologous Sticky Augmentation Procedure' by Prof. Dr. Dong-Seok SOHN , SUNRAY Dental & Medikal Dış Ticaret Limited Şirketi, 2018

Health&Medicine, 'Advanced Course on Surgical Techniques and Esthetic Implantology Comprehensive Treatment Strategies with Dental Implants' by DMD, PhD, Markus B. Hürzeler , Hürzeler/Zuhr Clinic Rosenkavalierplatz 18 München, 81925 Germany, 2017

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, İstanbul Üniversitesi Aziz Sancar Deneysel Tıp Araştırma Enstitüsü Laboratuvar Hayvanları Bilimi Anabilim Dalı, 2013

Dissertations

Doctorate, The Effect of Oxytocin-Added Calcium Phosphate Hydrogel Graft on Bone Regeneration., Istanbul University, 2017

Postgraduate, Ağız Kanserlerinin Tedavi Komplikasyonları ve Komplikasyonların Tedavileri, Istanbul University, 2011

Research Areas

Health Sciences, Pharmaceutics Technology, Pharmaceutical Technology, Oral, Maxillofacial and Surgery, Oral Tooth Surgery, Oral Diseases, Oral Implantology

Academic Titles / Tasks

Assistant Professor, Istanbul Medeniyet University, Faculty Of Dentistry, Oral And Maxillofacial Surgery , 2020 - Continues

Courses

Dental Anestezi, Undergraduate, 2020 - 2021

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

- I. **Oxytocin-loaded sustained-release hydrogel graft provides accelerated bone formation: An experimental rat study.**
Akay A. S. , Arisan V. , Cevher E., Sessevmez M., Cam B.
Journal of orthopaedic research : official publication of the Orthopaedic Research Society, 2020 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Comparison of the Long-term Results of Free Gingival Grafts versus Collagene Matrix: A Literature Review**
Akay A. S. , Arisan V. , Başığmez A. C.
Oral İmplantoloji Dergisi, vol.16, no.2, pp.30-35, 2015 (Other Refereed National Journals)
- II. **Indications and Clinical Success of The Narrow-Diameter Implants and Mini Implants in Oral Implantology: A Review**
Akay A. S. , Arisan V.
Oral İmplantoloji Dergisi, vol.16, no.1, pp.20-26, 2015 (Other Refereed National Journals)
- III. **Peri-Implanter Soft Tissue Complications**
A. Qamheya A. H. , Aktolun Aydemir C., Bodur İ., Akay A. S. , Arisan V.
Oral İmplantoloji Dergisi, vol.14, no.1, pp.30-35, 2013 (Other Refereed National Journals)
- IV. **Production Of A Radio-Opaque Scan Prosthesis In Combination With A Stereolithographic Implant Treatment Sequence: A Case Report**
Akay A. S. , Arisan V.
Oral İmplantoloji Dergisi, vol.13, no.1, pp.13-19, 2012 (Other Refereed National Journals)

Books & Book Chapters

- I. **Evolution of Dental Implant Shapes and Today's Custom Root Analog Implants**
Akay A. S.
in: Human Teeth - Key Skills and Clinical Illustrations, Prof. Zühre Akarlan, Editor, IntechOpen Limited, 7th floor 10 Lower Thames Street London, EC3R 6AF, UK, London, pp.1-10, 2019
- II. **Dental Implants in the Medically Compromised Patient Population**
Akay A. S. , Arisan V.
in: Clinical Trials in Vulnerable Populations, Dr. Milica Prostran, Editor, IntechOpen Limited, 7th floor 10 Lower Thames Street London EC3R 6AF UK, London, pp.59-90, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Success of dental implants in elderly population and with smoking**
Akay A. S. , Arisan V.

TDA-TDB International Dental Congress, İstanbul, Turkey, 4 - 07 September 2019, pp.267

- II. **The Effect of Oxytocin-Added Calcium Phosphate Hyrogel Graft on Bone Regeneration**
Akay A. S. , Arısan V.
EAO-SEPES Joint Meeting, Madrid, Spain, 5 - 07 October 2017, pp.198313
- III. **The Effect of Stereolithographic-Guided Flapless Surgery on Implant Success**
Akay A. S. , Arısan V.
EAO-SEPES Joint Meeting, Madrid, Spain, 5 - 07 October 2017, pp.198314
- IV. **Implant-Supported Esthetic Rehabilitation and Soft Tissue Contouring in the Anterior Region: Case Report**
Öztürk A., Akay A. S. , Arısan V.
Türk Oral İmplantoloji Derneği XIV. Uluslararası Bilimsel Sempozyumu, Antalya, Turkey, 23 - 27 May 2017, pp.64
- V. **Stereolithographic-Guided Implant Surgery and Immediate Loading With Fixed Provisional Restoration Of An Edentulous Patient**
Akay A. S. , Arısan V.
Türk Oral İmplantoloji Derneği XXVIII. Uluslararası Bilimsel Kongresi, İstanbul, Turkey, 13 - 14 January 2017, pp.68
- VI. **The Effect of Flapless Guided Surgery on Implant Success**
Akay A. S. , Arısan V.
Türk Oral İmplantoloji Derneği XXVIII. Uluslararası Bilimsel Kongresi, İstanbul, Turkey, 13 - 14 January 2017, pp.52
- VII. **Optik Konumlama Rehberliği İle İmplant Yerleşimi**
Aktolun Aydemir C., Qamheya A. H. , Bodur İ., Akay A. S. , Arısan V.
Türk Oral İmplantoloji Derneği, Avusturya Oral İmplantoloji Derneği, Azerbaycan Oral İmplantologlar Derneği, Almanya Dental İmplantoloji Derneği XII. Uluslararası Bilimsel Birleşik Sempozyumu, Antalya, Turkey, 8 - 12 June 2015, pp.28
- VIII. **CAD/CAM Supported Prothestic rehabilitation of A Bruxer Patient With a Deep Bite: A Case Report**
Akay A. S. , Qamheya A. H. , Karabuda Z. C. , Arısan V.
Türk Oral İmplantoloji Derneği XXVI. Uluslararası Bilimsel Kongresi, İstanbul, Turkey, 16 - 17 January 2015, pp.53
- IX. **Computer-Assisted Non-Invasive Implant Surgery and Immediate Loading Therapy for Generalized Chronic Periodontitis Patients**
Arısan V., Qamheya A. H. , Akay A. S. , Karabuda Z. C.
Türk Oral İmplantoloji Derneği, Avusturya Oral İmplantoloji Derneği, Azerbaycan Oral İmplantologlar Derneği, Almanya Dental İmplantoloji Derneği XI. Uluslararası Bilimsel Birleşik Sempozyumu, Antalya, Turkey, 9 - 14 June 2014, pp.33
- X. **Esthetic And Prosthetic Rehabilitation Of The Narrow Diameter Implants In The Posterior Mandible: A Case Report**
Akay A. S. , Başeğmez A. C. , Arısan V., Yenişol S.
Türk Oral İmplantoloji Derneği XXV. Uluslararası Bilimsel Kongresi, İstanbul, Turkey, 17 - 18 January 2014, pp.53
- XI. **Single Tooth Replacement With A Short Implant In The Orthodontic Patient**
Qamheya A. H. , Akay A. S. , Arısan V.
İstanbul Üniversitesi Diş Hekimliği Fakültesi 6. Uluslararası Bilimsel Kongresi, İstanbul, Turkey, 21 - 23 November 2013, pp.138
- XII. **Rehabilitation Of A Maxilla With A CAD/CAM Based Hybrid Prosthesis: A Case Report**
Bodur İ., Aktolun Aydemir C., Akay A. S. , Göker F., Arısan V.
İstanbul Üniversitesi Diş Hekimliği Fakültesi 6. Uluslararası Bilimsel Kongresi, İstanbul, Turkey, 21 - 23 November 2013, pp.135
- XIII. **Rehabilitation Of The Trauma-Related Anterior Teeth Loss Using Guided Bone Regeneration And Implants**
Aktolun Aydemir C., Bodur İ., Akay A. S. , Arısan V.
İstanbul Üniversitesi Diş Hekimliği Fakültesi 6. Uluslararası Bilimsel Kongresi, İstanbul, Turkey, 21 - 23 November 2013, pp.136
- XIV. **Prosthetic and Esthetic Rehabilitation Of A Mal-Positioned Central Incisor Implant With A CAD/CAM-Based Customized Abutment: A Case Report**

Akay A. S. , Bodur İ., Aktolun Aydemir C., Arısan V.

İstanbul Üniversitesi Diş Hekimliği Fakültesi 6. Uluslararası Bilimsel Kongresi, İstanbul, Turkey, 21 - 23 November 2013, pp.134

XV. Stereolithographic Flapless Implant Surgery and Fixed Prosthetic Rehabilitation In An Edentulous Maxilla: Case Report

Akay A. S. , Arısan V.

Türk Oral İmplantoloji Derneği, Avusturya Oral İmplantoloji Derneği, Azerbaycan Oral İmplantologlar Derneği, Almanya Oral İmplantoloji Derneği X. Uluslararası Bilimsel Birleşik Sempozyumu, Antalya, Turkey, 10 - 14 June 2013, pp.30

XVI. Non-Invasive Stereolithographic Implant Treatment Of A Severely Resorbed Edentulous Maxilla - A Case Report

Akay A. S. , Arısan V.

International Symposium Osteology Monaco, Nice, France, 2 - 04 May 2013, pp.35

Other Publications

I. Non-Invasive Stereolithographic Implant Treatment Of A Severely Resorbed Edentulous Maxilla - A Case Report

Akay A. S. , Arısan V.

Presentation, pp.1, 2013

Supported Projects

Akay A. S. , Arısan V. , Project Supported by Higher Education Institutions, OKSİTOSİN İLAVE EDİLMİŞ ENJEKTE EDİLEBİLİR KALSİYUM FOSFAT ESASLI BİR GREFT MATERYALİNİN KEMİK REJENERASYONUNDAKİ ETKİNLİĞİNİN DEĞERLENDİRİLMESİ, 2015 - 2017

Memberships / Tasks in Scientific Organizations

European Association for Osseointegration, Member, 2017 - Continues

Turkish Society of Oral Implantology, Member, 2012 - 2018

Tasks In Event Organizations

Akay A. S. , Türk Oral İmplantoloji Derneği XXVIII. Uluslararası Bilimsel Kongresi, Scientific Congress, İstanbul, Turkey, Ocak 2017

Akay A. S. , Türk Oral İmplantoloji Derneği XXVII. Uluslararası Bilimsel Kongresi, Scientific Congress, İstanbul, Turkey, Ocak 2016

Akay A. S. , Türk Oral İmplantoloji Derneği XXVI. Uluslararası Bilimsel Kongresi, Scientific Congress, İstanbul, Turkey, Ocak 2015

Akay A. S. , Türk Oral İmplantoloji Derneği XXV. Uluslararası İmplantoloji Kongresi, Scientific Congress, İstanbul, Turkey, Ocak 2014

Akay A. S. , XXX. International Congress of Oral Implantologists (ICOI), "International Innovation and Perspectives for Implant Reconstruction", Scientific Congress, İstanbul, Turkey, Ekim 2013

Akay A. S. , Türk Oral İmplantoloji Derneği, Avusturya Oral İmplantoloji Derneği, Azerbaycan Oral İmplantologlar Derneği, Almanya Oral İmplantoloji Derneği X. Uluslararası Bilimsel Birleşik Sempozyumu, Scientific Congress, Antalya, Turkey, Haziran 2013

Akay A. S. , Türk Oral İmplantoloji Derneği XXIV. Uluslararası Bilimsel Kongresi "İmplantolojide Estetik ve Fonksiyonel

Yaklaşımlar”, Scientific Congress, İstanbul, Turkey, Ocak 2013

Edit Congress and Symposium Activities

II. A'dan Z'ye Oral İmplantoloji Sempozyumu, Working Group, İstanbul, Turkey, 2019

TDA-TDB International Dental Congress, Working Group, İstanbul, Turkey, 2019

Turkish Society of Oral Implantology XXIXth International Scientific Congress, Working Group, İstanbul, Turkey, 2019

EAO-SEPES Joint Meeting, Working Group, Madrid, Spain, 2017

Turkish Society of Oral Implantology XXVIIIth International Scientific Congress, Working Group, İstanbul, Turkey, 2017

Estetik Diş Hekimliği Akademisi Derneği (EDAD) XX. Uluslararası Estetik Dişhekimliği Kongresi, Working Group, İstanbul, Turkey, 2016

GREATIST Uluslararası Diş Hekimliği Kongresi, Working Group, İstanbul, Turkey, 2016

Turkish Society of Oral Implantology XXVIIth International Scientific Congress, Working Group, İstanbul, Turkey, 2016

Turkish Society of Oral Implantology, Austrian Society of Oral Implantology, Azerbaijan Society of Oral Implantologists, German Society of Dental Implantology XII. International Scientific Joint Symposium', Working Group, İstanbul, Turkey, 2015

Turkish Society of Oral Implantology XXVIth International Scientific Congress, Working Group, İstanbul, Turkey, 2015

İstanbul Üniversitesi Diş Hekimliği Fakültesi 7. Uluslararası Bilimsel Kongresi "Akademi/Pratik", Working Group, İstanbul, Turkey, 2014

Türk Oral İmplantoloji Derneği XXV. Uluslararası İmplantoloji Kongresi, Working Group, İstanbul, Turkey, 2014

İstanbul Üniversitesi Diş Hekimliği Fakültesi 6. Uluslararası Bilimsel Kongresi "Ağız-Diş Sağlığında Güncel Durum", Working Group, İstanbul, Turkey, 2013

XXXth International Congress of Oral Implantologists (ICOI), "International Innovation and Perspectives for Implant Reconstruction", Working Group, İstanbul, Turkey, 2013

FDI 2013 Istanbul 101st Annual World Dental Congress, "Bridging Continents for Global Oral Health", Working Group, İstanbul, Turkey, 2013

Turkish Society of Oral Implantology, Austrian Society of Oral Implantology, Azerbaijan Society of Oral Implantologists, German Association of Dental Implantology Xth International Scientific Joint Symposium, Working Group, Antalya, Turkey, 2013

International Symposium Osteology Monaco, Working Group, Nice, France, 2013

Turkish Society of Oral Implantology XXIVth International Scientific Congress, Working Group, İstanbul, Turkey, 2013

Citations

Total Citations (WOS):6

h-index (WOS):1

Scholarships

TÜBİTAK 2211 YURTIÇİ DOKTORA BURSUSU, TÜBİTAK, 2012 - 2017