

CURRICULUM VITAE

Name Surname: Sertac AKSAKALLI (Associate Professor - Orthodontics)

Date of Birth: 22 March 1983

Contact: sertacaksakal@gmail.com, 0090 533 354 8685

Education:

Degree	Field	University	Start	Finish
Bachelor	Dentistry	Marmara University		
Master	Dentistry	Marmara University	September 2002	July 2008
Doctorate-PhD-Specialist	School of Health Sciences – Orthodontics	Selcuk University	February 2009	June 2013

Doctorate – Specialist Thesis: The Comparison of Facial Esthetics Between Orthodontically Treated Patients and Their Parents

Selcuk University, School of Health Sciences, 2013, Konya.

Supervisor: Prof. Dr. Abdullah DEMİR

Academic Titles:

Title	Department - University	Year - Period
Research Assist.	Selcuk University, Faculty of Dentistry, Department of Orthodontics	February 2009-June 2013
Assist. Prof.	Bezmialem University, Faculty of Dentistry, Department of Orthodontics	February 2013-March 2017
Assist. Prof.	Istanbul Aydin University, Department of Orthodontics	August 2017-February 2021
Assoc. Prof.	Istanbul Gelisim Univ.,	February 2021-...

Master Theses Supervised:

The Effect of Occlusal Relationships on Dental Anomalies, H. Erkan KARADAG, Bezmialem Vakif University Faculty of Dentistry, 2016

Projects Directed or Participated:

- | | |
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| - The Effect of Laser-etching on Tooth Surfaces: In vivo study | 2014-2017 |
| - A New Method for accelerated tooth movement | 2016-2017 |

Administrative Tasks:

Erasmus Coordinator	2013-2015
Head of Orthodontic Department	2018-2019
ADEE and JCI Quality Accreditation Faculty Member	2017-2019

Scientific Memberships:

Turkish Orthodontic Society	2009-
European Orthodontic Society	2009-
International Association for Dental Research	2009-2012
American Association of Orthodontists	2010-2015

Awards :

Selcuk University Dental Research Award	2012
Seoul S.KOREA International Invention Fair, Health Section Gold medal	2017
EURIE Eurasia Universities Union, Research Award	2019
Appreciation awards, 3 times (Bezmialem University)	2015-2017
Appreciation awards, 2 times (İstanbul Aydın University)	2017-2021

COURSES taught over the last two academic years:

- Growth and Development (Undergraduate Lesson)
- Cleft Lips and Palates (PhD Lesson)
- Tooth Movement and Histology (PhD Lesson)
- Orthodontic Literature (PhD Lesson)
- Orthodontic Diagnosis, Treatment and Case Discussion (PhD Lesson)
- Preventive and Interceptive Orthodontics (PhD Lesson)
- Imaging Methods and Analysis in Orthodontics (PhD Lesson)
- Side Effects of Orthodontics (PhD Lesson)

PUBLICATIONS

A. Articles Published in Peer Reviewed International Journals :

A.1 **Aksakalli S**, Ileri Z, Karacam N (2013). Effect of pine bark extract on bond strength of brackets bonded to bleached human tooth enamel. ACTA ODONTOLOGICA SCANDINAVICA, 71(6), 1555-1559.

A.2 **Aksakalli S**, Demir A, Selek M, Tasdemir S (2014). Temperature increase during orthodontic bonding with different curing units using an infrared camera. ACTA ODONTOLOGICA SCANDINAVICA, 72(1), 36-41.

A.3 **Aksakalli S**, Demir A (2013). The comparison of facial esthetics between orthodontically treated patients and their parents. Scientific World Journal, 1(1), 1-2., Doi: 10.1155/2013/903507.

A.4 Akin M, **Aksakalli S**, Basciftci FA, Demir A (2013). The effect of tooth bleaching on the shear bond strength of orthodontic brackets using self-etching primer systems. European Journal of Dentistry, 7(1), 55-60.

A.5 **AKSAKALLI SERTAÇ**, MALKOÇ SİDDİK (2013). Esthetic orthodontic archwires: Literature review. Journal of Orthodontic Research, 1(1), 2-4.

A.6 AKIN MEHMET, VELİ İLKNUR, ERDUR EMİRE AYBÜKE, **AKSAKALLI SERTAÇ**, UYSAL TANCAN Different pulse modes of Er:YAG laser irradiation: effects on bond strength achieved with selfetchingprimers. Journal of Orofacial Orthopedics / Fortschritte der Kieferorthopädie, Doi:10.1007/s00056-016-0019-3.

A.7 **AKSAKALLI SERTAÇ**, DEMİR ABDULLAH (2012). Indirect bonding: A literature review. European Journal of General Dentistry, 1(1), 6, Doi: 10.4103/2278-9626.101344.

A.8 HATUNOĞLU ERDEM, ÖZTÜRK FIRAT, BİLENLER TUGÇA, **AKSAKALLI SERTAÇ**, SİMSEK NESLİHAN (2014). Antibacterial and mechanical properties of propolis added to glass ionomer cement. The Angle Orthodontist, 84(2), 368-373., Doi: 10.2319/020413-101.1.

A.9 **AKSAKALLI SERTAÇ**, DEMİR ABDULLAH (2014). Facial soft tissue changes after orthodontic treatment. Nigerian Journal of Clinical Practice, 17(3), 282, Doi: 10.4103/1119-3077.130226.

A.10 **AKSAKALLI SERTAÇ**, ILERI ZEHRA, YAVUZ TEVFIK, ARSLAN MALKOÇ MERAL, ÖZTÜRK ATIYE NILGÜN (2015). Porcelain laminate veneer conditioning for orthodontic bonding: SEM-EDX analysis. *Lasers in Medical Science*, 30(7), 1829-1834., Doi: 10.1007/s10103-014-1682-5.

A.11 KAZANCIOGLU HAKKI OGUZ, BERKET MEHMET CIHAN, EZIRGANLI SEREF, AYDIN MEHMET SERIF, **AKSAKALLI SERTAÇ** (2015). Effects of caffeic acid phenethyl ester on wound healing in calvarial defects. *Acta Odontologica Scandinavica*, 73(1), 21-27., Doi: 10.3109/00016357.

A.12 **AKSAKALLI SERTAÇ**, TEMUÇİN Fatih, Pamukcu Ayça, EZIRGANLI SEREF, KAZANCIOGLU HAKKI OGUZ, ARSLAN MALKOÇ MERAL (2015). Effectiveness of two different splints to treat temporomandibular disorders. *Journal of Orofacial Orthopedics / Fortschritte der Kieferorthopädie*, 76(4), 318-327., Doi: 10.1007/s00056-015-0294-4.

A.13 **AKSAKALLI SERTAÇ**, ÇALIK BERRA, KARA BURÇAK, EZIRGANLI SEREF (2015). Accelerated tooth movement with piezocision and its periodontal-transversal effects in patients with Class II malocclusion. *The Angle Orthodontist*, Doi: 10.2319/012215-49.1.

A.14 Yılmaz Berza Sen, **AKSAKALLI SERTAÇ**, BIRLIK MUHAMMET, Dadaslı Ferit, Bolükbaşı Esra, AYTUGAR EMRE (2015). Occurrence of Pneumatic Cavities Surrounding the Temporomandibular Joint. *Journal of Craniofacial Surgery*, 26(5), 1679-1682., Doi: 10.1097/SCS.0000000000001851.

A.15 **AKSAKALLI SERTAÇ**, ARSLAN MALKOÇ MERAL, ÇÖREKÇİ BAYRAM, MALKOÇ SİDDİK, TOY EBUBEKİR (2015). Physical properties of different orthodontic cements. *Journal of Orofacial Orthopedics/ Fortschritte der Kieferorthopädie*, 76(4), 328-337., Doi: 10.1007/s00056-015-0284-6.

A.16 KAZANCIOGLU HAKKI OGUZ, **AKSAKALLI SERTAÇ**, EZIRGANLI SEREF, BIRLIK MUHAMMET, ESREFOGLU MUKADDES, Acar Ahmet Huseyin (2015). Effect of caffeic acid phenethyl ester on bone formation in the expanded inter-premaxillary suture. *Drug Design, Development and Therapy*, 9, 6483, Doi: 10.2147/DDDT.S97797.

A.17 **AKSAKALLI SERTAÇ**, ILERI ZEHRA (2012). Management of dental - orthopedic problems in down syndrome. *European Journal of General Dentistry*, 1(1), 58, Doi: 10.4103/2278-9626.101362.

A.18 **AKSAKALLI SERTAÇ** (2013). Antioxidants In Dentistry: Review Of Literature. *Dentistry*, 4(01), Doi: 10.4172/2161-1122.1000181.

A.19 ÖZTÜRK FIRAT, YALÇIN MUHAMMET, NALÇACI RUHI, ARSLAN UGUR, **AKSAKALLI SERTAÇ** (2011). Farklı Ortodontik Simanların Uzun Dönem Antibakteriyel Etkileri. Turkish Journal of Orthodontics, 24(3), 156-169., Doi: 10.13076/1300-3550-24-3-156.

A.20 AKIN MEHMET, ILERI ZEHRA, **AKSAKALLI SERTAÇ**, BASÇIFTÇI FARUK AYHAN (2014). Mechanical Properties of Different Aesthetic Archwires. Turkish Journal of Orthodontics, 27(2), 85-89. Doi: 10.13076/TJO-D-14-00006.

A.21 ÖZTÜRK FIRAT, ARSLAN MALKOÇ MERAL, ÇÖREKÇİ BAYRAM, **AKSAKALLI SERTAÇ**, MALKOÇ SİDDİK (2014). Physical Properties of Different Orthodontic Composites. Turkish Journal of Orthodontics, 27(1), 28-33., Doi: 10.13076/TJO-D-14-00007.

A.22 **AKSAKALLI SERTAÇ**, YILMAZ BERZA SEN, BIRLIK MUHAMMET, DADASLI FERİT, BÖLÜKBASI ESRA (2015). Is there a relationship between maxillary sinus findings and the skeletal malocclusion?. Turkish Journal of Orthodontics, 28(2), 44-49.

A.23 TOY EBUBEKİR, MALKOÇ SİDDİK, ALTINDIS SEDAT, **AKSAKALLI SERTAÇ** (2013). Assessment of Reliability of Three Different Computer-Assisted Analysis Programs. Turkish Journal of Orthodontics, 26(3), 134-142., Doi: 10.13076/TJO-D-13-00013.

A.24 OK U, **AKSAKALLI SERTAÇ**, EREN E, KECHAGIA N (2021). Single-component orthodontic adhesives: comparison of the clinical and in vitro performance. Clin Oral Investig. 2021 Jun;25(6):3987-3999. doi: 10.1007/s00784-020-03729-z.

B. Papers Delivered in International Conferences and Printed as Proceedings:

Oral Presentations

B1. Aksakallı S, Corekci B, Irgin C, Ozturk B, Malkoc S. Effects of load cycling and thermocycling on TBS of lingual retainer composites. 89th IADR General Session, San Diego, USA, 2011.

B2. Ileri Z, Karacam N, Can S, Sener Y, Aksakallı S. The effect of grape seed extract on SBS of brackets on bleached teeth. 88th EOS Congress, Santiago, Spain, 2012.

B3. Aksakallı S, Ileri Z, Karacam N. The effect of natural antioxidizing pine bark solution on SBS of brackets on bleached teeth. 17th BaSS Congress, Tirana, Albania, 2012.

B4. Aksakallı S, Akin M, Demir A, Ulkur E. The interdisciplinary treatment in adult skeletal Class II patient with gummy smile. *17th BaSS Congress, Tirana, Albania, 2012.*

B5. Toy E, Malkoc S, Altındış S, **Aksakallı S.** Assesment of reliability of three different computer assisted analysis programs. *13th International Turkish Orthodontic Society Congress, Antalya, Türkiye, 2012.*

Poster Presentations

B6. Aksakallı S, Corekci B, Irgin C, Malkoc MA, Malkoc S. Water sorption and solubilities of five different orthodontic resins. *12th International Turkish Orthodontic Society Congress, Ankara, Türkiye, 2010.*

B7. Aksakallı S, Malkoc MA, Corekci B, Malkoc S. Pressure tolerance of five different orthodontic cements. *12th International Turkish Orthodontic Society, Ankara, Türkiye, 2010.*

B8. F Ozturk, Malkoc MA, **Aksakallı S,** Corekci B. Water sorption and solubilities of different orthodontic composites. *88th IADR General Session, Barcelona, Spain, 2010.*

B9. Yavuz T, Akin M, **Aksakallı S,** Demir A, Basciftci FA. The effect of tooth bleaching on the shear bond strength of orthodontic brackets using self-etching primers. *35th CED-IADR Congress, Budapest, Romania, 2011.*

B10. Aksakallı S, Irgin C, Tosun Z. The interdisciplinary treatment of anterior openbite. *Selcuk University-MAYO Clinic Congress, Konya, Türkiye, 2011.*

B11. Polat O, **Aksakallı S,** Sarı Z. The treatment congenitally missing maxillary laterals: case report. *16th BaSS Congress, Bucharest, Romania, 2011.*

B12. Aksakallı S, Ileri Z. Management of Dental-Orthopedic problems in Down syndrome. *13th International Turkish Orthodontic Society Congress, Antalya, Türkiye, 2012.*

B13. Isman E, **Aksakallı S,** Sarı Z. The orthodontic treatment of a patient with Ehlers-Danlos syndrome: 2-year follow up. *111th AAO Annual Meeting, Chicago. USA, 2011.*

B14. Hatunoglu E, Ozturk F, Bilenler S, **Aksakallı S**. Propolis eklenmiş cam iyonomer simanların minimum inhibisyon konsantrasyonunun değerlendirilmesi. *13th International Turkish Orthodontic Society Congress, Antalya, Türkiye, 2012.*

B15. Akıncı O, **Aksakallı S**, Demir A. Konjenital lateral eksikliği olan iskeletsel Sınıf III hastanın tedavisi. *13th International Turkish Orthodontic Society Congress, Antalya, Türkiye, 2012.*

B16. Ozturk F, Hatunoglu E, Toy E, **Aksakallı S**. Antibacterial and mechanical properties of propolis added glass ionomer cements. *113th AAO Annual Meeting, Philadelphia, USA, 2013.*

B17. Corekci B, **Aksakallı S**, Irgin C, Malkoc S. The effects of loadcycling and thermocycling on shear bond strengths (SBS) of orthodontic composites. *87th EOS Congress, Istanbul, Türkiye, 2012.*

B18. **Aksakallı S**, Irgin C, Sarı Z. The treatment of mentally retarded patient having severe Class II division 1. *87th EOS Congress, Istanbul, Türkiye, 2012.*

C. Books and Sections in Books Published

C1. **Aksakallı S**. Chapter: 3D Printing in Orthodontics Research Examples in Health Sciences Book, (Turkish). ISBN: 978-605-7928-23-8, Nobel Akademik Yayıncılık, 2018.

D. Articles Published in Peer Reviewed National Journals:

D1. Isman E, **Aksakallı S**, Malkoc S. The treatment of a patient with severe maxillary constriction. *Türk Ortodonti Dergisi. 2011; 24:202-214.*

D2. Ozturk F, Toy E, Hatunoglu E, Arslan U, **Aksakallı S**. Antibacterial properties of F releasing orthodontic adhesives. *Sivas Cumhuriyet Dent J. 2012; 15:33-42.*

D3. Ozturk F, Yalcin M, Arslan U, Nalcaci R, **Aksakallı S**. Long term antibacterial effects of different orthodontic cements. *Türk Ortodonti Dergisi. 2011; 24:159-169.*

D4. Aksakallı S, Akın M, Demir A, Başçiftçi FA. The effect of tooth bleaching on the shear bond strength of orthodontic brackets using self-etching primers. *SÜ Diş Hek Fak Dergisi*. 2011;20:98-102.

D5. Aksakallı S, Irgın C, Tosun Z. The interdisciplinary treatment of skeletal anterior openbite. *SÜ Diş Hek Fak Dergisi*. 2012;21:77-82.

D6. AKSAKALLI SERTAÇ, EZİRGANLI ŞEREF, BİRLİK MUHAMMET, KAZANCIOĞLU HAKKI OĞUZ, AYDIN MEHMET ŞERİF (2020). Effect of Grape Seed Extract on Bone Formation in The Expanded Inter-premaxillary Suture. *Meandros Medical and Dental Journal*, 21(1), 34-40.

E. Papers Delivered at National Conferences and Printed as Proceedings:

Poster Presentations

E1. Aksakallı S, Isman E, Malkoc S. The treatment of a patient with severe maxillary constriction. *11th Turkish Orthodontic Society Symposium, Antakya*. 2009.

F. Other Publications or Patents

Patent : TR2018/06082, Orthodontic Bracketing Device

Patent Pending: TR2019/22779, 3D Dental and medical pen

Patent Pending: TR2019/050022, 4D Orthodontic correction method

<https://patents.google.com/?q=S&inventor=AKSAKALLI&oq=AKSAKALLI+S>

G. Received Citations

<https://scholar.google.com/citations?hl=tr&user=8wkSIT4AAAAJ>

According to Google Scholar: 451 Total citations, 14 h-index, i10 index 17

H. Scientific Organisations

Courses and Seminars

- H1.** e-Cligner Orthodontic Aligners Course, 2011. İstanbul, Türkiye.
- H2.** Certificate of Performing Animal Experiments, 2011. Konya, Türkiye.
- H3.** American Orthodontics - Harmony Lingual Orthodontics Course, 2012. İstanbul, Türkiye.
- H4.** Different Applications for Incognito Systems. 2012. İstanbul, Türkiye.
- H5.** Micro Implant Anchorage for Orthodontic Treatment, 2011. İstanbul, Türkiye.
- H6.** Invisalign Certificate, 2018. İstanbul, Türkiye.

Congresses, Symposiums and Scientific Meetings

- H7.** 87th EOS Congress, İstanbul, Turkey, 2012.
- H8.** 89th IADR General Session, San Diego, USA, 2011.
- H9.** 17th BaSS Congress, Tirana, Albania, 2012.
- H10.** 13th International Turkish Orthodontic Society Congress, Antalya, Türkiye, 2012.
- H11.** 12th International Turkish Orthodontic Society Congress, Ankara, Türkiye 2010.
- H12.** Selcuk University - MAYO Clinic Congress, Konya, Türkiye, 2011.
- H13.** 11th Turkish Orthodontic Society Symposium, Antakya, Türkiye. 2009.
- H14.** 88th IADR General Session, Barcelona, Spain, 2010.

I. International Journal Rewiever/Referee Requests

- I1.** SCI-Expanded, Orthodontics & Craniofacial Research, 1 Time
- I2.** SCI-Expanded, Archives of Oral Biology, 1 Time

- I3.** SCI-Expanded, Nigerian Journal of Clinical Practice, 4 Times
- I4.** SCI-Expanded, DENTAL MATERIALS JOURNAL, 3 Times
- I5.** SCI-Expanded, Biomed Research International, 1 Time
- I6.** SCI-Expanded, Angle Orthodontist, 3 Times
- I7.** Pubmed Index, Indian Journal of Dental Research, 2 Times
- I8.** Other indexes, Journal of Orthodontic Research, 3 Times
- I9.** Other indexes, European Journal of General Dentistry, 4 Times
- I10.** Other indexes, Turkish Journal of Orthodontics, 4 Times