

Ahmed Abdou

BDS, MSc, PhD, PhD

Employment History

Dates	September 2023- tell now
Name and address of employer	Al-Ayen Iraq University, Thi-qar, Iraq
Dates	October 2021-September 2023
Name and address of employer	King Salman International University, El Tur, South Sinai Egypt
Dates	February 2021-September 2021
Name and address of employer	Modern University of Technology and Information, Cairo, Egypt
Dates	October 2013- February 2021
Name and address of employer	Modern University of Technology and Information, Cairo, Egypt
Dates	April 2007 - September 2011
Name and address of employer	Sinai University, North Sinai, Egypt

Academic Qualifications

Dates	2016-2020
Title of qualification awarded	Doctor of Philosophy (PhD)
Name of education provider	Tokyo Medical and Dental University, Tokyo, Japan
Dates	2014-2019
Title of qualification awarded	Doctor of Philosophy (PhD)
Name of education provider	Ain Shams University, Cairo, Egypt
Dates	2007-2013
Title of qualification awarded	Master's degree of Dental Science (MSc)
Name of education provider	Cairo University, Giza, Egypt
Dates	1999-2005
Title of qualification awarded	Bachelor of Dental medicine and Oral Surgery (BDS)
Name of education provider	Cairo University, Giza, Egypt

Publications

1. Elmallah S, **Abdou A**, Rizk A, Kusumasari C, Ashraf R. Effect of silver diamine fluoride activation on bond strength to root dentin. **BMC Oral Health**. 2023 Dec;23(1):1-8.
2. Mahrous AI, Salama AA, Shabaan AA, **Abdou A**, Radwan MM. Color stability of two different resin matrix ceramics: randomized clinical trial. **BMC Oral Health**. 2023 Dec;23(1):1-8.
3. Moharam LM, Salem HN, Khadr S, **Abdou A**. Evaluation of different decontamination procedures on bond strength to sound and caries affected dentin using “no-wait” universal adhesive. **BMC Oral Health**. 2023 Dec;23(1):1-2.
4. Kyaw TT, **Abdou A**, Arunjaroen Suk S, Nakata H, Kanazawa M, Pimkhaokham A. Effect of chemical and electrochemical decontamination protocols on single and multiple-used healing abutments: A comparative analysis of contact surface area, micro-gap, micro-leakage, and surface topography. **Clinical Implant Dentistry and Related Research**. 2023 Sep 1.
5. Mostafa S, **Abdou A.**, Selim KM, Rady R, Rady D. Investigating the Short-Term Effect of Diabetic Peripheral Neuropathy on Different Neuronal Sub-classes in Circumvallate Papilla in Rats. **Egyptian Dental Journal**. 2023 (69) 4, 2771-2780.
6. Radwan MM, **Abdou A.**, Nagi N, Younes DH, Mahrous A. Wear characteristics of esthetic

- resin matrix and zirconia reinforced lithium disilicate CAD/CAM materials: two-body wear and surface topography analysis. **Minerva Dental and Oral Science**. 2023 May 31.
7. Abdelkarim AZ, Khalifa AR, Hassan MG, **Abdou A**, Duman SB, Rezallah NN, Abdraboh AE, Ghoneima A. Three-Dimensional Assessment of the Pharyngeal Airway in Growing versus Non-Growing Subjects with/without Cleft Lip and Palate. **Anatomia**. 2023 Jul 5;2(3):192-205.
 8. Abo-Alazm E., **Abdou A.**, Hassouneh L. and Safy R., Reliability of an Innovative Slab Shear versus Microtensile Bond Strength Test: Mechanical and Finite Element Analysis. **European Journal of Dentistry**. 2023
 9. Alrefaie T, **Abdou A**, Almasabi W, Qi F, Nakamoto A, Nakajima M, Otsuki M, Shimada Y. Effect of Water Storage and Bleaching on Light Transmission Properties and Translucency of Nanofilled Flowable Composite. **Materials**. 2022 Dec 20;16(1):10.
 10. Ashraf R., Badra H. and **Abdou A.**, Efficiency of orange oil solvent combined with disinfectants and bioactive glass (BAG) on the cleanness of root canal after endodontic retreatment: An in vitro study. **Journal of International Oral Health**. 2023
 11. Gamal W., **Abdou A** and Salem G., Fracture resistance and flexural strength of endodontically treated teeth restored by different short fiber resin composites: a preclinical study. **Bulletin of the National Research Centre**. 2022
 12. Saleh O., Nozaki K., Matsumura M., Yanaka W., **Abdou A.**, Miura H. and Fueki K., Emergence angle: Comprehensive analysis and machine learning prediction for clinical application. **Journal of Prosthodontic Research**. 2022
 13. Kyaw T.T., **Abdou A.**, Nakata H. and Pimkhaokham A., Dental implant healing abutment decontamination: A systematic review of in vitro studies. **International Journal of Oral Implantology**. 2022
 14. Aidaros N, **Abdou A**. Effect of Contamination of Bulk-Fill Flowable Resin Composite with Different Contaminants during Packing on its Surface Microhardness and Compressive Strength: In Vitro study. **BMC Oral Health**. 2022
 15. **Abdou A**, Matoug-Elwerfelli M, Nagendrababu V, Nazzal H, Duggal M. Tooth auto-transplantation: A bibliometric analysis of the top 100 most-cited articles. **Dental Traumatology**. 2022 Aug 16.
 16. Kyaw T.T., **Abdou A.**, Nakata H. and Pimkhaokham A., Efficacy of combined chemical and electrochemical decontamination treatments on contaminated healing abutments and their effect on surface topography: An in vitro study. **Clinical Implant Dentistry and Related Research**. 2022
 17. Kusumasari, C., Margono, A., Aditya, D.R. and **Abdou A**. Effect of etch-and-rinse and self-etch modes in universal adhesives on push-out bond strength of fiber post. **Journal Of Clinical and Experimental Dentistry**. 2022;14(8):e661-8.
 18. Matoug-Elwerfelli M, **Abdou A**, Almutairi W, Alhuthayli M, Aloyaynaa S, Almohareb R. Radiographic assessment of endodontic mishaps in an undergraduate student clinic: a 2-year retrospective study. **PeerJ**. 2022 Aug 4;10:e13858.
 19. Moharam LM, Khadr S, **Abdou A** and Nagi SM. Effect of Arginine and nano-hydroxyapatite application on the hypersensitivity and color change of bleached enamel: A randomized controlled clinical trial. **Journal Of Clinical and Experimental Dentistry**. 2022;14(6):e499-505.
 20. Koko M, Takagaki T, Abd El-Sattar N E A, and Tagami J and **Abdou A**. A New Bonding Strategy for Zirconia. **Journal Of Dental Research** (2022)
 21. Khanlar LN, **Abdou A**, Takagaki T, Mori S, Ikeda M, Nikaido T, Zandinejad A, Tagami J. The effects of different silicatization and silanization protocols on the bond durability of resin cements to new high-translucent zirconia. **Clinical Oral Investigations**. 2021 Dec 3:1-5.
 22. Gamel Y, Ismail R M, **Abdou A**, Shabaan A A, Hamed M G. Association Between Administration of Systemic Corticosteroids and the recovery of olfactory and/or gustatory functions in Patients With COVID-19: A prospective cohort study. **Open Access Macedonian Journal of Medical Sciences**. 2022 Feb 15;10(D).
 23. Gamal W, Safwat A, **Abdou A**. Effect of Coloring Beverages on Color Stability of Single Shade Restorative Material: An In Vitro Study. **Open Access Macedonian Journal of Medical Sciences**. 2022 Jan 2;10(D):28-32.
 24. Koko M, Takagaki T, **Abdou A**, Wada T, Nikaido T, and Tagami J. Influence of 10-methacryloyloxydecyl dihydrogenphosphate (MDP) incorporated experimental cleaners on the bonding performance of saliva contaminated zirconia ceramic. **Clinical Oral**

Investigations (Accepted 14-August-2021)

25. Thannaing S, **Ahmed A**, Sayed M, Tagami J, and Hiraishi N. Dentin Anti-demineralization Potential of Surface Pre-reacted Glass-ionomer containing Self Adhesive Resin Cement. **Clinical Oral Investigations** (Accepted 27-July-2021)
26. Rummani G, Ide K, Hosaka K, Tichy A, **Abdou A**, Otsuki M, Nakajima M. Regional ultimate tensile strength and water sorption/solubility of bulk-fill and conventional resin composites: The effect of long-term water storage. **Dental Materials Journal**. 2021 Jul 22. doi: 10.4012/dmj.2021-101
27. Khanlar L.N., Takagaki T, **Abdou A**, Inokoshi M., Ikeda M., Takahashi A., Yoshihara K., Nagaoka N., Nikaido T., Blatz M., and Tagami, J., Effect of air-particle abrasion protocol and primer on the topography and bond strength of a high-translucent zirconia ceramic. **Journal of Prosthodontics** (Accepted 20-April-2021)
28. Kusumasari C, **Abdou A**, Nakajima M, Tagami J. Deproteinization of caries-affected dentin with chemo-mechanical caries removal agents and its effect on dentin bonding with self-etch adhesives. **Journal of Dentistry**. 2021 June 109:103665
29. Sabbagh A, Nakata H, **Abdou A**, Kasugai S, Kuroda S. Fluctuation of salivary alpha-amylase activity levels and vital signs during dental implant surgery. **International Journal of Implant Dentistry**. (Accepted-31-March-2021)
30. Wijetunga C, Otsuki M, **Abdou A**, Loung M N, Feng Qi, Tagami J. The effect of in-office bleaching materials with different pH on the surface topography of bovine enamel. **Dental Materials Journal**. (Accepted- 19-March-2021).
31. PaPa K K, Tichy A, **Abdou A**, Hosaka K, Sumi Y, Tagami J, Nakajima N. Influence of silane pretreatment and warm air-drying on long-term composite adaptation to lithium disilicate ceramic. **Crystals** 11(2), 86
32. Dwiandhany WS, **Abdou A**, Tichy A, Yonekura k, Ikeda M, Hosaka K, Tagami J, Nakajima M. Additive effects of touch-activated polymerization and extended irradiation time on bonding of light-activated adhesives to root canal dentin. **Journal of prosthodontic dentistry**. (Accepted December 2020)
33. Sayed M, Tsuda Y, Matin K, **Abdou A**, Martin K, Burrow M, Tagami J. Effects of mechanical abrasion challenge on sound and demineralized dentin surfaces treated with SDF. **Scientific reports**. (2020) 10(1) 19884
34. Sayed M, Nikaido T, **Abdou A**, Barrow T, Tagami J. Potential Use of Silver Diammine Fluoride in Detection of Carious Dentin. **Dental Materials Journal**. (Accepted- 16-Oct-2020).
35. **Abdou A**, Takahashi R, Saad A, Nozaki K, Nikaido T, Tagami J. Influence of resin-coating on bond strength of resin cements to dentin and CAD/CAM resin block in single-visit and multiple-visit treatment. **Dental Materials Journal**. (Accepted- 12-Aug-2020).
36. Almasabi W, Tichy A, **Abdou A**, Hosaka K, Nakajima M, Tagami J. Effect of water storage and thermocycling on light transmission properties, translucency and refractive index of nanofilled flowable composites. **Dental Materials Journal**. (Accepted- 07-Jul-2020)
37. PaPa K K, Tichy A, **Abdou A**, Hosaka K, Foxton R, Sumi Y, Nakajima M, Tagami J. Long-term evaluation of warm-air treatment effect on adaptation of silane-containing universal adhesives to lithium disilicate ceramic. **Dental Materials Journal**. 2021:2020-057
38. Al Qahtani A, Inoue G, **Abdou A**, Nikaido T, Tagami J. Effects of potassium and sodium fluoride in different concentrations on micro-shear bond strength and inhibition of demineralization. **Dental Materials Journal**.2021:2020-019
39. **Abdou A**, Takagaki T, Ali A, Tichy A, Nikaido T, Tagami J. Bonding performance of dispersed filler resin Composite CAD/CAM blocks with different surface treatment protocols. **Dental Materials Journal**. 2021:2020-049.
40. Sherif A, Wada T, Kawashima N, **Abdou A**, Watanabe H, Kurabayashi T, Okiji T, Uo M. Preparation and properties of tristrontium aluminate as an alternative component of mineral trioxide aggregate (MTA) cement. **Dental Materials Journal**. 2020:2019-414
41. Aung SZ, Takagaki T, Ikeda M, Nozaki K, Burrow MF, **Abdou A**, Nikaido T, Tagami J. The effect of different light curing units on Vickers microhardness and degree of conversion of flowable resin composites. **Dental Materials Journal**. 2020:2019-353
42. Alsherbiney HH, El-Deeb HA, Alsherbiney AH, **Abdou AA**, Mobarak EH, Hamza OS. Effect of calcium sodium phosphosilicate-containing compared to nanohydroxyapatite-containing toothpastes on dentinal tubule occlusion: A randomized clinical in situ study.

- Journal of International Oral Health.** 2020 Jul 1;12(4):305
43. Koko, M., Takagaki, T., **Abdou, A.**, Inokoshi, M., Ikeda, M., Wada, T., Uo, M., Nikaido, T. and Tagami, J., 2020. Effects of the ratio of silane to 10-methacryloyloxydecyl dihydrogenphosphate (MDP) in primer on bonding performance of silica-based and zirconia ceramics. *Journal of the Mechanical Behavior of Biomedical Materials*, p.104026.
 44. Halabi S, Matsui N, Nikaido T, **Abdo A**, Burrow MF, Tagami J. Effect of two bleaching regimens on enamel bonding performance. *Dental Materials Journal.* 2020:2019-39
 45. Sayed M, Hiraishi N, Matin K, **Abdou A**, Burrow MF, Tagami J. Effect of silver-containing agents on the ultra-structural morphology of dentinal collagen. *Dental Materials.* 2020 May 29
 46. Tichy A, Hosaka K, **Abdou A**, Nakajima M, Tagami J. Degree of Conversion Contributes to Dentin Bonding Durability of Contemporary Universal Adhesives. *Operative Dentistry.* 2020 Apr 3
 47. Kusumasari C, **Abdou A**, Tichy A, Hatayama T, Hosaka K, Foxton RM, Wada T, Sumi Y, Nakajima M, Tagami J. Effect of smear layer deproteinization with chemo-mechanical caries removal agents on sealing performances of self-etch adhesives. *Journal of Dentistry.* 2020 Mar 1;94:103300
 48. Tichy A, Hosaka K, Bradna P, Ikeda M, **Abdou A**, Nakajima M, Tagami J. Subsequent application of bonding agents to a one-step self-etch adhesive—Its effect with/without previous light-curing. *Dental Materials.* 2019 Sep 18
 49. Saad A, Nikaido T, **Abdou A**, Matin K, Burrow Mf, Tagami J. Inhibitory Effect Of Zinc-Containing Desensitizer On Bacterial Biofilm Formation And Root Dentin Demineralization. *Dental Materials Journal.* 2019 Sep 27:2018-352
 50. Ali A, Takagaki T, Naruse Y, **Abdou A**, Nikaido T, Ikeda M, Tagami J. The Effect Of Elapsed Time Following Alumina Blasting On Adhesion Of Cad/Cam Resin Block To Dentin. *Dental Materials Journal.* 2019 May 29;38(3):354-60.
 51. Ezzeldin NI, Mohamed MF, **Abdou A**. Physical characteristics of two moisture tolerant fissure sealants immersed in commercial products with different pH range. *Tanta Dental Journal.* 2019 Apr 1;16(2):80.
 52. Ei TZ, Shimada Y, **Abdou A**, Sadr A, Yoshiyama M, Sumi Y, Tagami J. Three-dimensional assessment of proximal contact enamel using optical coherence tomography. *Dental Materials.* 2019 Apr 1;35(4):e74-82
 53. Saad A, Inoue G, Nikaido T, **Abdou AM**, Sayed M, Burrow MF, Tagami J. Effect of dentin contamination with two hemostatic agents on bond strength of resin-modified glass ionomer cement with different conditioning. *Dental materials journal.* 2019 Mar 28;38(2):257-63
 54. Abbass MM, Mahmoud SA, El Moshy S, Rady D, AbuBakr N, Radwan IA, Ahmed A, **Abdou A**, Al Jawaldeh A. The prevalence of dental caries among Egyptian children and adolescences and its association with age, socioeconomic status, dietary habits and other risk factors. A cross-sectional study. *F1000Research.* 2019;8
 55. Ali A, Takagaki T, Nikaido T, **Abdou A**, Tagami J. Influence of Ambient Air and Different Surface Treatments on the Bonding Performance of a CAD/CAM Composite Block. *Journal of Adhesive Dentistry.* 2018 Jul 1;20(4).
 56. El Attar H, Elhiny O, Salem G, **Abdelrahman A**, Attia M. A Twofold Comparison between Dual Cure Resin Modified Cement and Glass Ionomer Cement for Orthodontic Band Cementation. *Open access Macedonian journal of medical sciences.* 2016 Dec 15;4(4):695
 57. **Abdelrahman AM**, Amin AM, Sharawy AM. Effect of food simulating liquids on fracture toughness of nano-hybrid composite with different resin matrix formulations. *Egyptian Dental Journal*, Vol.58, July 2012, PartIII, 2575:2585