

# Curriculum Vitae

รองศาสตราจารย์ ดร. ทันตแพทย์ อวิรุทธ์ คล้ายศิริ

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## ประวัติการศึกษา

INSTITUTION	DEGREE	MAJOR	YEAR
จุฬาลงกรณ์มหาวิทยาลัย	วิทยาศาสตรบัณฑิต (เกียรตินิยมอันดับ1)	เทคนิคการแพทย์	2544
มหาวิทยาลัยธรรมศาสตร์	ทันตแพทยศาสตรบัณฑิต (เกียรตินิยมอันดับ2)	ทันตแพทยศาสตร์	2549
จุฬาลงกรณ์มหาวิทยาลัย	ประกาศนียบัตรบัณฑิต	ทันตกรรมหัตถการ	2553
จุฬาลงกรณ์มหาวิทยาลัย	หลักสูตรฝึกอบรมทันตแพทย์ เฉพาะทางระดับวุฒิบัตร	ทันตกรรมหัตถการ	2555
ทันตแพทยสภา	วุฒิบัตร*	ทันตกรรมหัตถการ	2557
มหาวิทยาลัยธรรมศาสตร์	ปรัชญาดุษฎีบัณฑิต	วิทยาศาสตร์สุขภาพช่องปาก	2566

\* รับรองคุณวุฒิเทียบเท่าวุฒิปริญญาเอก

## ตำแหน่งการทำงาน

หัวหน้าสาขาทันตกรรมบูรณะ คณะทันตแพทยศาสตร์ มหาวิทยาลัยธรรมศาสตร์

คณะอนุกรรมการฝึกอบรมทันตแพทย์เฉพาะทางระดับวุฒิบัตร สาขาทันตกรรมหัตถการ ราชวิทยาลัยทันตแพทย์

## PUBLICATIONS

1. Krajangta N, **Klaisiri A**, Toopsuwan P, Engboonmeskul T, Khosrisut A. Vickers Microhardness Comparison of Bulk Fill Resin Composites in Various Depth. *J Dent Assoc Thai*. 2014;64(2):59-70. (TCI1)
2. **Klaisiri A**, Krajangta N. Self-adhesive resin cements. *J Dent Assoc Thai*. 2015;65(1):11-20. (TCI1)
3. **Klaisiri A**, Oonsombat C, Thamrongananskul N. Effect of dentin dryness on shear bond strengths of self-adhesive resin cements. *J Dent Assoc Thai*. 2015;65(3):167-80. (TCI1)
4. Sriamporn T, **Klaisiri A**, Thamrongananskul N. Dentin conditioning agents for glass-ionomer cement. *J Dent Assoc Thai*. 2016;66(3):149-70. (TCI1)
5. **Klaisiri A**, Krajangta N, Sriamporn T, Thamrongananskul N. Effect of different adhesives on ceramic/resin composite bond strength. *J Dent Assoc Thai*. 2016;64(4):344-56. (TCI1)
6. Termkleebuppa K, **Klaisiri A**. Glass-ionomer cement and clinical properties. *Tham Med J*. 2017;17(2):205-13. (TCI1)
7. Krajangta N, **Klaisiri A**, Leelaponglit S, Chawhuaveang D. Minimal invasive management of dental fluorosis by in-office bleaching and resin infiltration technique: a case report and literature review. *Tham Med J*. 2017;17(2):221-8. (TCI1)
8. Termkleebuppa K, **Klaisiri A**. Clinical applications of glass-ionomer cement. *Tham Med J*. 2017;17(4):653-60. (TCI1)
9. **Klaisiri A**, Krajangta N, Yang L. Effect of different surface protection materials on microhardness of a resin-modified glass-ionomer cement. *Songklanakarin Dent J*. 2018;6(2):12-9. (TCI2)
10. Krajangta N, Supachartwong C, Juntranon J, Monarak R, **Klaisiri A**. The effect of lingual in-office bleaching on color changes of labial tooth surface. *Songklanakarin Dent J*. 2018;6(2):106-14. (TCI2)

11. Wutikhun M, Krajangta N, Pugdee K, **Klaisiri A**. The management of initial carious lesion. *Tham Med J*. 2018;18(3):427-33. (TCI1)
12. Sriamporn T, Sansaneeyawat K, **Klaisiri A**, Thamrongananskul N. Effect of storage temperatures on the shear bond strength of three resin cements to dentin. *J Dent Assoc Thai*. 2019;69(1):83-91. (TCI1)
13. Sriamporn T, Kraisintu P, See LP, Swasdison S, **Klaisiri A**, Thamrongananskul N. Effect of different neutralizing agents on feldspathic porcelain etched by hydrofluoric acid. *Eur J Dent*. 2019;13(1):75-81. (Scopus-Q1)
14. Kraisintu P, Chandharohit T, Sriamporn T, **Klaisiri A**, Thamrongananskul N. A technique for fabricating indirect resin composite teeth on a metal removable partial denture framework. *Tham Med J*. 2019;19(1):666-77. (TCI1)
15. **Klaisiri A**, Krajangta N, Paopanchon C, Sriamporn T, Wuttikhun M. Vital tooth bleaching. *Songklanakarinn Dent J*. 2019;7(1):37-47. (TCI2)
16. Pitak-Arnnop P, Subbalekha K, Sirintawat N, Auychia P, **Klaisiri A**, Neff A. Intraoperative injection of combined fibrin sealant and methylene blue dye for surgery of branchial cleft cysts: A case report. *J Stomatol Oral Maxillofac surg*. 2019;120(4):378-82. (Scopus-Q3)
17. **Klaisiri A**, Krajangta N, Sriamporn T, Thamrongananskul N. Shear bond strengths of zirconia/resin cement using different adhesives. *J Dent Assoc Thai*. 2019;69(3):353-60. (TCI1)
18. **Klaisiri A**, Iamaroon A, Neff A, Pitak-Arnnop P. Oral lichenoid lesion to dental amalgam: A case report. *J Stomatol Oral Maxillofac surg*. 2019;120(6):591-94. (Scopus-Q3)
19. Phumpatrakom P, Krajangta N, Leelaponglit S, Sriamporn T, **Klaisiri A**. Non-vital tooth bleaching. *Songklanakarinn Dent J*. 2019;7(2):84-93. (TCI2)
20. Krajangta N, Rakmanee T, Chaidet S, Mahakijdechachai Y, Pholcharoen C, **Klaisiri A**. The marginal and internal gap of feldspathic and hybrid ceramic crowns fabricated by CAD-CAM technology. *Songklanakarinn Dent J*. 2019;7(2):118-29. (TCI2)
21. **Klaisiri A**, Krajangta N, Sriamporn T, Thamrongananskul N. The effects of universal adhesives on zirconia/resin composite shear bond strengths. *Khon Kaen Dent J*. 2019; 22(2):135-43. (TCI1)
22. Pitak-Arnnop P, Witohendro LK, Meningaud JP, Iamaroon A, Sirintawat N, **Klaisiri A**, Neff A. Which characteristics can be expected from p16+ squamous cell carcinoma of the posterior oral cavity and

oropharynx? – Distinctive results from Central Germany. *J Stomatol Oral Maxillofac surg.* 2020;121(3):213-18. (Scopus-Q3)

23. **Klaisiri A**, Krajangta N, Pojmonpiti S, Wutikhun M. Dentin desensitizing agent. *SWU Dent J.* 2020;13(1):102-12. (TCI1)
24. Hirirotappa W, Kraisintu P, Somsokwilas S, **Klaisiri A**, Peampring C, Thamrongananskul N, Sriamporn T. Comparison of flexural strength between five commercial bulk-fill resin composites. *Tham Med J.* 2020;20(2):156-64. (TCI1)
25. **Klaisiri A**, Janchum S, Wongsomtakoorn K, Sirimanathon P, Krajangta N. Microleakage of resin infiltration in artificial white-spot lesions. *J Oral Sci.* 2020;62(4):427-9. (Scopus-Q2)
26. **Klaisiri A**, Rattanaburi J, Thamrongananskul N, Sriamporn T, Krajangta N. Management of initial carious lesion by resin infiltration technique. *SWU Dent J.* 2020;13(2):65-76. (TCI1)
27. Terateeraseth T, Thamrongananskul N, Kraisintu P, Somyhokwilas S, **Klaisiri A**, Sriamporn T. Effect of different types of silane coupling agents on the shear bond strength between lithium disilicate glass ceramic and resin cement. *J Int Dent Med Res.* 2020;13(3):836-42. (Scopus-Q3)
28. Prawatvatchara W, Sriamporn T, **Klaisiri A**, Thamrongananskul N. Radiopacity of 9 clear resin cements and zinc phosphate cement. *Khon Kaen Dent J.* 2021;24(1):41-51. (TCI1)
29. Leelaponglit S, Krajangta N, **Klaisiri A**. Post-operative sensitivity in resin composite restoration. *SWU Dent J.* 2021;14(1):81-90. (TCI1)
30. Leeprakobboon W, Sriamporn T, **Klaisiri A**, Thamrongananskul N. The effect of a dual cure activator composed of aromatic sulfinate amide derivatives on the microhardness of self-adhesive resin cements without light activation. *J Int Dent Med Res.* 2021;14(1):35-49. (Scopus-Q3)
31. Sresthadatta P, **Klaisiri A**, Sriamporn T, Thamrongananskul N. Effect of surface treatments on shear bond strength of resin cement to hybrid ceramic materials. *J Int Dent Med Res.* 2021;14(1):125-35. (Scopus-Q3)
32. **Klaisiri A**, Krajangta N, Phumpatrakom P, Sriamporn T, Thamrongananskul N. The use of silane coupling agents on lithium disilicate glass ceramic repaired with resin composite. *J Int Dent Med Res.* 2021;14(1):169-72. (Scopus-Q3)

33. **Klaisiri A**, Krajangta N, Peampring C, Sriamporn T, Thamrongananskul N, Neff A, Pitak-Arnnop P. Shear bond strength of different functional monomer in universal adhesives at the resin composite/base metal alloys interface. *J Int Dent Med Res*. 2021;14(1):187-91. (Scopus-Q3)
34. Chaiprakit N, Patchanee S, Oupadissakul J, Warin K, **Klaisiri A**. Titanium mandibular prosthesis with condyle a 3D printing reconstruction model. *J Int Dent Med Res*. 2021;14(1):340-43. (Scopus-Q3)
35. Chaiprakit N, Oupadissakul J, **Klaisiri A**, Patchanee S. A surgeon-friendly BSSO by the novel modification of low Z plasty: approach focus and case report. *J Int Dent Med Res*. 2021;14(2):768-72. (Scopus-Q3)
36. **Klaisiri A**, Suphat M, Jirauraipong P, Sribanchatanapat K, Sriamporn T, Thamrongananskul N , Krajangta N. The use of different adhesives in bonding resin composite to resin-modified glass-ionomer cement. *Khon Kaen Dent J*. 2021;24(2):24-31. (TCI1)
37. **Klaisiri A**, Sriamporn T, Thamrongananskul N, Krajangta N. Efficiency of different functional monomer in self-adhesive resin cements on base metal alloy bond strengths. *J Dent Assoc Thai*. 2021;71(4):231-8. (TCI2)
38. **Klaisiri A**, Krajangta N, Phumpatrakom P, Sriamporn T, Thamrongananskul N. The effect of curing mode in universal adhesive on zirconia and resin cement shear bond strength. *J Int Dent Med Res*. 2021;14(3):896-900. (Scopus-Q3)
39. Phumpatrakom P, Klinsonorn N, Jutrakulkeeree T, Thanarojwongsa V, **Klaisiri A**, Aguilar P. Effect of autoclave sterilization on cyclic fatigue of EdgeTaper Platinum and ProTaper Gold Nickle-Titanium rotary instruments. *Saudi Endod J*. 2022;12(1):114-9. (Scopus-Q3)
40. **Klaisiri A**, Vongsang J, Leelaudom T, Rakmanee T, Leelaonglit S, Krajangta N. S-PRG technology in dentistry: A concise review. *SWU Dent J*. 2022;15(1):93-107. (TCI1)
41. Maneenacarith A, Rakmanee T, **Klaisiri A**. The influence of resin cement thicknesses on shear bond strength of the cement–zirconia. *J Stoma*. 2022;75(1):7-12. (Scopus-Q3)
42. Simasetha S, **Klaisiri A**, Sriamporn T, Sappayatosok K, Thamrongananskul N. Surface treatment effect on shear bond strength between lithium disilicate glass-ceramic and resin cement. *Eur J Dent*. 2022;16(2):373-80. (Scopus-Q1)

43. Sriamporn T, Thamrongananskul N, **Klaisiri A**. The effectiveness of various functional monomers in self-adhesive resin cements on prosthetic materials. *J Int Soc Prevent Communit Dent*. 2022;12(3):332-5. (Scopus-Q2)
44. Pipatvadekul N, Insee K, Inglam S, **Klaisiri A**. In vitro corrosion of stainless steel and nickel-free brackets after exposure to fluoride agents. *J Int Dent Med Res*. 2022;15(3):984-9. (Scopus-Q3)
45. Dulsamphan C, Chotitanmapong T, **Klaisiri A**, Krajangta N. Effect of protective surface coating on hardness of recent uncoated high viscosity glass ionomer cement. *J Int Dent Med Res*. 2022;15(3):1036-42. (Scopus-Q3)
46. Siripanth J, Wongwithhayakool P, Poommoon A, Thamrongananskul N, Krajangta N, **Klaisiri A**. Effect of aging process on physical properties of denture lining materials. *J Int Dent Med Res*. 2022;15(3):1095-100. (Scopus-Q3)
47. **Klaisiri A**, Maneenacarith A, Jirathawornkul N, Suthamprajak P, Sriamporn T, Thamrongananskul N. The effect of multiple applications of phosphate-containing primer on shear bond strength between zirconia and resin composite. *Polymers*. 2022;14(19):4174. (Scopus-Q1)
48. **Klaisiri A**, Suebnukarn S, Krajangta N, Rakmanee T, Sriamporn T, Thamrongananskul N. The effect of morpholine on composite-to-composite repair strength contaminated with saliva. *Polymers*. 2022;14(21):4718. (Scopus-Q1)
49. **Klaisiri A**, Krajangta N, Thamrongananskul N. The durability of zirconia/resin composite shear bond strength using different functional monomer of universal adhesives. *Eur J Dent*. 2022;16(4):756-60. (Scopus-Q1)
50. Krajangta N, Ninbanjong S, Khosook S, Chaitontuak K, **Klaisiri A**. Effects of immediate coating on unset composite with different bonding agents to surface hardness. *Eur J Dent*. 2022;16(4):828-32. (Scopus-Q1)
51. Intralawan N, Wasanapiarnpong T, Didron PP, Rakmanee T, **Klaisiri A**, Krajangta N. Surface discoloration of 3D printed resin ceramic hybrid materials against various stain beverages. *J Int Dent Med Res*. 2022;15(4):1465-1471. (Scopus-Q3)
52. Boonpitak K, Wongkamhaeng K, Sanpanyawai P, Somsat N, Aunaumporn A, **Klaisiri A**. Experimental article comparative effect of different surface treatments on the shear bond strength between 3D-printed artificial acrylic teeth and 3D-printed denture based resins. *J Int Dent Med Res*. 2022;15(4):1416-1421. (Scopus-Q3)

53. Thitiyuk C, Patchanee S, **Klaisiri A**, Chaiprakit N. Comparing quality of life in orthognathic surgery patients between orthodontic-first and surgery-first approaches. *Appl Sci.* 2022;12(23):12137. (Scopus-Q2)
54. Imampai S, Patchanee S, **Klaisiri A**, Chaiprakit N. Evaluation of skeletal changes after mandibular setback surgery using the NM-Low Z plasty technique in skeletal class III patients. *Eur J Dent.* (online published) (Scopus-Q1)
55. **Klaisiri A**, Phumpatrankom P, Thamrongananskul N. Chemical surface modification methods of resin composite repaired with resin-modified glass-ionomer cement. *Eur J Dent.* (online published) (Scopus-Q1)
56. **Klaisiri A**, Vongsang J, Leelaudom T, Krajangta N. Methylene blue penetration of resin infiltration and resin sealant in artificial white-spot lesions. *Eur J Dent.* (online published) (Scopus-Q1)
57. Chaiprakit N, Patchanee S, Boonsiriseth K, Sunthornphornprapa S, **Klaisiri A**. Comparison of the finite element analysis and in-vitro biomechanical analysis in orthognathic surgery. *SWU Dent J.* 2023;16(1):164-175. (TCI1)
58. Leelaponglit S, Maneenacarith A, Wutikhun T, **Klaisiri A**. The various silane agents in universal adhesives on repair strength of resin composite to resin composite. *J Compos Sci.* 2023;7(1): 7 (Scopus-Q2)
59. Limsiriwong W, **Klaisiri A**, Krajangta N. Effect of Anti-COVID-19 mouthwashes on shear bond strength of resin-matrix ceramics repaired with resin composite using universal adhesive: An in vitro study. *J Funct biomater.* 2023;14(3):158. (Scopus-Q2)

## **RESEARCH ACTIVITIES AND PRESENTATION**

1. **Klaisiri A**, Oonsombat C. Bond strength on dentin surface preparation of self-adhesive resin cement. The 6<sup>th</sup> Annual Congress of the Pan European Region of the International Association for Dental Research (PER/IADR) at Helsinki, Finland. On 13 September 2012.
2. **Klaisiri A**. Effect of different adhesives on ceramic/resin composite bond strength. The Annual Congress of the Pan European Region of the International Association for Dental Research (PER/IADR) at Dubrovnic, Croatia. On 12 September 2014.

3. **Klaisiri A**, Krajangta N. Microleakage of resin infiltration in artificial white lesion. The 97<sup>th</sup> general session & exhibition of the International Association for Dental Research (IADR) at Vancouver, BC, Canada. On 20 June 2019.

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