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	PRESENT APPOINTMENT	
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	Research profile	Research Dentistry TU > <a href="#">Scopus</a> > Researcher ID > <a href="#">ORCID</a>
	Research Theme	
	Areas of Research Expertise	ทันตวัสดุ ทันตกรรมบูรณะ ทันตกรรมบูรณะเพื่อความงาม

### Research funding

Proposal	funding	Amount	Year
Effect of pH and temperature on the surface roughness of 3D-printed and milled dental hybrid resin-ceramic	Dentistry Thammasat University Research Fund	300,000	2025
ผลของการทำให้ปราศจากเชื้อด้วยการนึ่งความดันไอน้ำซ้ำต่อความแข็งและความแข็งแรงดึงของส่วนผสมพอลิโพรพิลีน/ยางธรรมชาติที่พัฒนาขึ้นเพื่อผลิตตัวหนีบยึดแผ่นยางกันน้ำลาย	Thammasat University Research Fund	250,000	2024
The effect of print angulation on the internal and external gap of the 3D-Printed hybrid ceramic crown	Dentistry Thammasat University Research Fund	300,000	2022

### Presentation of academic

Title	Presentation	funding	About	Year

### PUBLICATIONS

#### Scopus

1	<p><b><u>Evaluation of Proximal Contact Tightness in Anterior Resin Composite Restorations: A Comparative In Vitro Study of Injectable, Flowable, and Universal Composites</u></b></p> <p>Krajangta, N., Leeraponglit, S., Paaopanchon, C., ... Boonmasuwaran, W., Angkananuwat, C.                      Journal of International Society of Preventive and Community Dentistry, 15(2), pp. 144–154                      2025</p>
2	<p><b><u>Effect of Repeated Autoclave on Hardness and Tensile Strength of Polypropylene/Natural Rubber Developed for Rubber Dam Clamp</u></b></p> <p>Nonthiphalang, T., Phumpatrakom, P., Rangsantham, P., ... Sirisinha, C., Krajangta, N.                      Polymers, 17(2), 143                      2025</p>

3	<p><b><u>The Staining Susceptibility and Surface Roughness of Teeth Restored by Microabrasion and Resin Infiltration: An In Vitro Study</u></b>  <u>Inna, T., Krajangta, N., Rakmanee, T.</u>  <u>Polymers</u>, 16(24), 3523                  2024</p>
4	<p><b><u>The Effect of Whitening and Daily Dentifrices on Red Wine Staining in Different Types of Composite Resins</u></b>  <u>Krajangta, N., Angkananuwat, C., Leelaponglit, S., ... Ngamjarrussriwichai, N., Klaisiri, A.</u>  <u>Applied Sciences Switzerland</u>, 14(24), 12030                  2024</p>
5	<p><b><u>The Flexural Strength and the Effect of the Autoclave Sterilization of Polypropylene/Natural Rubber Blended Materials</u></b>  <u>Rangsantham, P., Nonthiphalang, T., Wongwitthayakool, P., ... Krajangta, N., Phumpatprakom, P.</u>  <u>Dentistry Journal</u>, 12(11), 361                  2024</p>
6	<p><b><u>Factors Influencing the Protective Effect of Salivary Pellicle Against Dental Erosion: A Concise Review</u></b>  <u>Chawhuaveang, D.D., Klaisiri, A., Krajangta, N., Yu, O.Y.</u>  <u>Oral Sciences Reports</u>, 45(3), pp. 39–44                  2024</p>
7	<p><b><u>Does Applying Morpholine to Saliva-Contaminated Acrylic Resin Improve the Repair Bond Strength?</u></b>  <u>Klaisiri, A., Krajangta, N., Assawarattanaphan, K., ... Thamrongananskul, N., Sriamporn, T.</u>  <u>Journal of Composites Science</u>, 8(9), 349                  2024</p>
8	<p><b><u>Comparison of Mechanical Properties Between Zirconia-reinforced Lithium Silicate Glass-ceramic and Lithium Disilicate Glass-ceramic: A Literature Review</u></b>  <u>Leelaponglit, S., Angkananuwat, C., Krajangta, N., ... Champakerdsap, C., Klaisiri, A.</u>  <u>Oral Sciences Reports</u>, 45(2), pp. 13–21                  2024</p>
9	<p><b><u>The Effect of Different Chemical Surface Treatments on the Bond Strength of Resin-Matrix Ceramic Repaired with Resin Composite</u></b>  <u>Prabripataloong, S., Krajangta, N., Klaisiri, A.</u>  <u>European Journal of Dentistry</u>, 19(1), pp. 165–172                  2024</p>
10	<p><b><u>Marginal adaptation and fracture resistance of milled and 3D-printed CAD/CAM hybrid dental crown materials with various occlusal thicknesses</u></b>  <u>Suksuphan, P., Krajangta, N., Didron, P.P., Wasanapiarnpong, T., Rakmanee, T.</u>  <u>Journal of Prosthodontic Research</u>, 68(2), pp. 326–335</p>

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11	<p><b><u>Color alteration of CAD/CAM 3D-printed, milled resin-ceramic hybrid material compared to enamel</u></b>  <u>Krajangta, N., Klaisiri, A., Leelaponglit, S., ... Tiansuwan, P., Pisethsalasai, N.</u>  <u>Dental Materials Journal</u>, 43(3), pp. 386–393, dmj/2023-275                  2024</p>
12	<p><b><u>Accuracy, Reproducibility, and Gaps in Different Angulations of 3D-Printed versus Milled Hybrid Ceramic Crown</u></b>  <u>Khwanpuang, N., Suphachartwong, C., Klaisiri, A., ... Angkananuwat, C., Krajangta, N.</u>  <u>European Journal of Dentistry</u>                  2024</p>
13	<p><b><u>Methylene Blue Penetration of Resin Infiltration and Resin Sealant in Artificial White-Spot Lesions</u></b>  <u>Klaisiri, A., Vongsang, J., Leelaudom, T., Krajangta, N.</u>  <u>European Journal of Dentistry</u>, 17(3), pp. 828–833                  2023</p>
14	<p><b><u>Surface Modification Methods of Self-Cured Acrylic Resin Repaired with Resin Composite Using a Universal Adhesive</u></b>  <u>Klaisiri, A., Maneenacarith, A., Krajangta, N., ... Wutikhun, T., Supachartwong, C.</u>  <u>Journal of Composites Science</u>, 7(9), 360                  2023</p>
15	<p><b><u>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</u></b>  <u>Limsiriwong, W., Klaisiri, A., Krajangta, N.</u>  <u>Journal of Functional Biomaterials</u>, 14(3), 158                  2023</p>
16	<p><b><u>Effects of Protective Surface Coating on Fluoride Release and Recharge of Recent Uncoated High-Viscosity Glass Ionomer Cement</u></b>  <u>Krajangta, N., Dulsamphan, C., Chotitanmapong, T.</u>  <u>Dentistry Journal</u>, 10(12), 233                  2022</p>
17	<p><b><u>The Effect of Morpholine on Composite-to-Composite Repair Strength Contaminated with Saliva</u></b>  <u>Klaisiri, A., Suebnukarn, S., Krajangta, N., ... Sriamporn, T., Thamrongananskul, N.</u>  <u>Polymers</u>, 14(21), 4718                  2022</p>
18	<p><b><u>The Durability of Zirconia/Resin Composite Shear Bond Strength using Different Functional Monomer of Universal Adhesives</u></b>  <u>Klaisiri, A., Krajangta, N., Thamrongananskul, N.</u>  <u>European Journal of Dentistry</u>, 16(4), pp. 756–760</p>

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19	<p><b><u>Effects of Immediate Coating on Unset Composite with Different Bonding Agents to Surface Hardness</u></b>  <u>Krajangta, N., Ninbanjong, S., Khosook, S., Chaitontuak, K., Klaisiri, A.</u>  <u>European Journal of Dentistry, 16(4), pp. 828–832</u>                  2022</p>
20	<p><b><u>Effect of Protective Surface Coating on Hardness of Recent Uncoated High Viscosity Glass Ionomer Cement</u></b>  <u>Dulsamphan, C., Chotitanmapong, T., Klaisiri, A., Krajangta, N.</u>  <u>Journal of International Dental and Medical Research, 15(3), pp. 1036–1042</u>                  2022</p>
21	<p><b><u>Influence of Lip Appearances and Tooth Shade on Smile Attractiveness Perception</u></b>  <u>Krajangta, N., Phumpatprakom, P., Supachartwong, C., Kamolwarin, P., Leelaponglit, S.</u>  <u>International Journal of Dentistry, 2022, 5952643</u>                  2022</p>
22	<p><b><u>Surface Discoloration of 3D Printed Resin-Ceramic Hybrid Materials against Various Stain Beverages</u></b>  <u>Intralawan, N., Wasanapiarnpong, T., Didron, P.P., ... Klaisiri, A., Krajangta, N.</u>  <u>Journal of International Dental and Medical Research, 15(4), pp. 1465–1471</u>                  2022</p>
23	<p><b><u>Effect of Aging Process on Physical Properties of Denture Lining Materials</u></b>  <u>Siripanth, J., Wongwitthayakool, P., Poommoon, A., ... Krajangta, N., Klaisiri, A.</u>  <u>Journal of International Dental and Medical Research, 15(3), pp. 1095–1100</u>                  2022</p>
24	<p><b><u>The Effect of Curing Mode in Universal Adhesive on Zirconia and Resin Cement Shear Bond Strength</u></b>  <u>Klaisiri, A., Krajangta, N., Phumpatprakom, P., Sriamporn, T., Thamrongananskul, N.</u>  <u>Journal of International Dental and Medical Research, 14(3), pp. 896–900</u>                  2021</p>
25	<p><b><u>The Use of Silane Coupling Agents on Lithium Disilicate Glass Ceramic Repaired with Resin Composite</u></b>  <u>Klaisiri, A., Krajangta, N., Sriamporn, T., Phumpatprakom, P., Thamrongananskul, N.</u>  <u>Journal of International Dental and Medical Research, 14(1), pp. 169–172</u>                  2021</p>
26	<p><b><u>Shear Bond Strength of Different Functional Monomer in Universal Adhesives at the Resin Composite/Base Metal Alloys Interface</u></b>  <u>Klaisiri, A., Krajangta, N., Peampring, C., ... Neff, A., Pitak-Arnnop, P.</u>  <u>Journal of International Dental and Medical Research, 14(1), pp. 187–191</u>                  2021</p>
27	<p><b><u>Development of silicon nitride ceramic for CAD/CAM restoration</u></b>  <u>Krajangta, N., Sarinnaphakorn, L., Didron, P.P., Wasanapiarnpong, T.</u></p>

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28	<b><u>Microleakage of resin infiltration in artificial white-spot lesions</u></b> <u>Klaisiri, A., Janchum, S., Wongsomtakoon, K., Sirimanathon, P., Krajangta, N.</u> <u>Journal of Oral Science</u> , 62(4), pp. 427–429 2020
29	<b><u>The effect of powder to liquid ratio on physical properties and fluoride release of glass ionomer cements containing pre-reacted spherical glass fillers</u></b> <u>Panpisut, P., Monmaturapoj, N., Srion, A., ... Krajangta, N., Panthumvanit, P.</u> <u>Dental Materials Journal</u> , 39(4), pp. 563–570 2020
30	<b><u>Microtensile bond strength of silorane-based resin composite and its corresponding adhesive in Class i occlusal restorations</u></b> <u>Krajangta, N., Srisawasdi, S.</u> <u>American Journal of Dentistry</u> , 24(6), pp. 346–353 2011

## TCI

1	Comparison of Mechanical Properties Between Zirconia-reinforced Lithium Silicate Glass-ceramic and Lithium Disilicate Glass-ceramic: A Literature Review <i>Seelassaya Leelaponglit, Chayanit Angkananuwat, Nantawan Krajangta, Chanakan Paaopanchon, Tanwarath Ackapolpanich, Chunya Champakerdsap, Awiruth Klaisiri</i> <u>Oral Sciences Reports</u> Volume 45, Issue 2, 2024, pp. 13-21
2	Factors Influencing the Protective Effect of Salivary Pellicle Against Dental Erosion: A Concise Review <i>Darren Dhananthat Chawhuaveang, Awiruth Klaisiri, Nantawan Krajangta, Ollie Yiru Yu</i> <u>Oral Sciences Reports</u> Volume 45, Issue 3, 2024, pp. 39-44
3	S-PRG Technology in Dentistry: A Concise Review <i>Awiruth Klaisiri, Jarukit Vongsang, Thanach Leelaudom, Thanasak Rakmanee, Seelassaya Leelaponglit, Nantawan Krajangta</i> <u>Srinakharinwirot University Dental Journal</u> Volume 15, Issue 1, 2022, pp. 93-107
4	Efficiency of Different Functional Monomers in Self-adhesive Resin Cements on Base Metal Alloy Bond Strengths

	<p><i>Awiruth Klaisiri, Tool Sriamporn, Niyom Thamrongananskul, Nantawan Krajangta</i></p> <p><u>Journal of the Dental Association of Thailand</u> Volume 71, Issue 4, 2021, pp. 265-272</p>
5	<p>Post-Operative Sensitivity in Resin Composite Restoration</p> <p><i>Seelassaya Leelaponglit, Nantawan Krajangta, Awiruth Klaisiri</i></p> <p><u>Srinakharinwirot University Dental Journal</u> Volume 14, Issue 1, 2021, pp. 81-90</p>
6	<p>The Use of Different Adhesives in Bonding Resin Composite to Resin Modified Glass Ionomer Cement</p> <p><i>Awiruth Klaisiri, Mai Suphat, Pongsapak Jirauraipong, Kittiya Sribanchatanapat, Tool Sriamporn, Niyom Thamrongananskul, Nantawan Krajangta</i></p> <p><u>Khon Kaen University Dental Journal</u> Volume 24, Issue 2, 2021, pp. 24-31</p>
7	<p>Dentin desensitizing agent</p> <p><i>Awiruth Klaisiri, Nantawan Krajangta, Sungkrit Pojmonpiti, Mintra Wutikhun</i></p> <p><u>Srinakharinwirot University Dental Journal</u> Volume 13, Issue 1, 2020, pp. 102-112</p>
8	<p>In vitro Efficacy of Monoglycerides Synthesized from Virgin Coconut Oil in Fluconazole-Resistant <i>Candida albicans</i></p> <p><i>Thanasak Rakmanee, Nantawan Krajangta, Yuthapong Lothaisong, Kasitin Nuntavisuth, Burachattra Ruangdit, Worada Samosornsuk</i></p> <p><u>Thai Science and Technology Journal</u> Volume 28, Issue 4, 2020, pp. 688-704</p>
9	<p>Management of Initial Carious Lesion by Resin Infiltration Technique</p> <p><i>Awiruth Klaisiri, Jinjuta Rattanaburi, Niyom Thamrongananskul, Tool Sriamporn, Nantawan Krajangta</i></p> <p><u>Srinakharinwirot University Dental Journal</u> Volume 13, Issue 2, 2020, pp. 65-76</p>
10	<p>The Effects of Universal Adhesives on Zirconia/ Resin Composite Shear Bond Strength</p> <p><i>Awiruth Klaisiri, Nantawan Krajangta, Tool Sriamporn, Niyom Thamrongananskul</i></p> <p><u>Khon Kaen University Dental Journal</u> Volume 22, Issue 2, 2019, pp. 135-143</p>
11	<p>Shear Bond Strengths of Zirconia/Resin Cement Using Different Adhesives</p> <p><i>Awiruth Klaisiri, Nantawan Krajangta, Tool Sriamporn, Niyom Thamrongananskul</i></p> <p><u>Journal of the Dental Association of Thailand</u> Volume 69, Issue 3, 2019, pp. 353-360</p>
12	<p>Effect of different surface protection materials on microhardness of a resin-modified glass-ionomer cement</p>

	<p><i>Awiruth Klaisiri, Nantawan Krajangta, Lili Yang</i></p> <p><u>Songklanakarin Dental Journal</u> Volume 6, Issue 2, 2018, pp. 12-19</p>
13	<p>The effects of lingual in-office bleaching on color changes of labial tooth surface</p> <p><i>Nantawan Krajangta, Chayaporn Supachartwong, Jatuporn Jantranon, Rapeepan Monarak, Awiruth Klaisiri</i></p> <p><u>Songklanakarin Dental Journal</u> Volume 6, Issue 2, 2018, pp. 106-114</p>
14	<p>The management of initial carious lesion</p> <p><i>Mintra Wutikhun, Nantawan Krajangta, Kamolparn Pugdee, Awiruth Klaisiri</i></p> <p><u>Thammasat Medical Journal</u> Volume 18, Issue 3, 2018, pp. 427-433</p>
15	<p>A COMPARISON OF MARGINAL FIT AND INTERNAL GAP OF MTEC AND LAVA CAD/CAM ZIRCONIA CROWNS, IN VITRO</p> <p><i>Nantawan Krajangta, Lertrit Sarinnaphakorn</i></p> <p><u>Thammasat Medical Journal</u> Volume 17, Issue 2, 2017, pp. 155-162</p>
16	<p>MINIMAL INVASIVE MANAGEMENT OF DENTAL FLUOROSIS BY IN-OFFICE BLEACHING AND RESIN INFILTRATION TECHNIQUE: A CASE REPORT</p> <p><i>Nantawan Krajangta, Awiruth Klaisiri, Seelassaya Leelaponglit, Dhananthat Chawhuaveang</i></p> <p><u>Thammasat Medical Journal</u> Volume 17, Issue 2, 2017, pp. 221-228</p>
17	<p>The Comparative Study of Fracture Strength between Celtra™ Duo and IPS e.max™ CAD</p> <p><i>Nantawan Krajangta, Chayanit Angkananuwat, Lertrit Sarinnaphakorn</i></p> <p><u>Journal of the Dental Association of Thailand</u> Volume 66, Issue 3, 2016, pp. 228-239</p>
18	<p>Effects of Different Adhesives on Ceramic/Resin Composite Bond Strength</p> <p><i>Awiruth Klaisiri, Nantawan Krajangta, Tool Sriamporn, Niyom Thamrongananskul</i></p> <p><u>Journal of the Dental Association of Thailand</u> Volume 66, Issue 4, 2016, pp. 344-356</p>
19	<p>VEGF Level in Gingival Crevicular Fluid after Initial Periodontal Therapy Plus Air Polishing in Chronic Periodontitis: A Pilot Study</p> <p><i>Thanasak Rakmanee, Nantawan Krajangta, C. Talungji, K. Yonsakthanaku, N. Sutam</i></p> <p><u>Khon Kaen University Dental Journal</u> Volume 18, Issue 2, 2015, pp. 87-96</p>
20	<p>Self-Adhesive Resin Cements</p> <p><i>A. Klaisiri, Nantawan Krajangta</i></p>

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21	<p>Vickers Microhardness Comparison of Bulk Fill Resin Composites in Various Depth</p> <p><i>Nantawan Krajangta, A. Klaisiri, P. Toopsuwan, T. Engboonmeskul, A. Khosrisut</i></p> <p><u>Journal of the Dental Association of Thailand</u> Volume 64, Issue 2, 2014, pp. 59-70</p>