

	Asst.Prof. Narissaporn Chaiprakit	
	PRESENT APPOINTMENT	
	Division	Oral and Maxillofacial Surgery Faculty of Dentistry Thammasat University
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	Research profile	Research Dentistry TU > Scopus > Researcher ID > ORCID
	Research Theme	Thammasat University Research Unit in Mineralized Tissue Reconstruction
	Areas of Research Expertise	Oral and Maxillofacial Surgery, Craniofacial reconstruction, Head and neck oncology and reconstruction, Orthognathic surgery, Microvascular surgery, Navigation system in major surgery, Implantology

Research funding

Proposal	funding	Amount	Year
Study of bone density evaluation by using cone beam computed tomography after novel modification of low z plasty technique in sagittal split osteotomy	Thammasat University Research Fund	250,000	2024
THREE-DIMENSIONAL EVALUATION OF SKELETAL STABILITY AFTER MANDIBULAR ADVANCEMENT SURGERY USING THE NM-LOW Z PLASTY TECHNIQUE IN SKELETAL CLASS II PATIENTS	Dentistry Thammasat University Research Fund	250,000	2024

Presentation of academic

Title	Presentation	funding	About	Year

PUBLICATIONS

Scopus

1	<p><u>Effect of different post-processing conditions on the accuracy of liquid crystal display-printed orthognathic surgical splints</u></p> <p>Patchanee, S., Amornvit, P., Mortin, M., Chaiprakit, N. Heliyon, 11(1), e41177 2025</p>
2	<p><u>Comparison of the Cost Effectiveness of Orthognathic Surgery Treatment Between Orthodontic-first and Surgery-first Approaches in the Surgical Phase in Thammasat University Hospital</u></p> <p>Chatmongkhonkit, P., Oupadissakon, C., Patchanee, S., Chaiprakit, N. Oral Sciences Reports, 45(2), pp. 28–37 2024</p>

3	<p><u>Finite Element Analysis of Mandibular Advancement Comparing Hunsuck/Epker and a Novel Modification of the Low Z Plasty Technique of BSSO</u></p> <p><u>Boonlue, S., Patchanee, S., Inglam, S., Chaiprakit, N.</u> <u>Applied Sciences Switzerland, 14(5), 1795</u> 2024</p>
4	<p><u>Comparison of stress distribution on articular disc between the Hunsuck/Epker and NM-Low Z plasty technique for mandibular setback procedure</u></p> <p><u>Sakyanun, C., Chaiprakit, N., Inglam, S., Patchanee, S.</u> <u>Science Engineering and Health Studies, 18, 24050020</u> 2024</p>
5	<p><u>Evaluation of Skeletal Changes after Mandibular Setback Surgery Using the NM-Low Z Plasty Technique in Skeletal Class III Patients</u></p> <p><u>Imampai, S., Patchanee, S., Klaisiri, A., Chaiprakit, N.</u> <u>European Journal of Dentistry, 17(2), pp. 381–386</u> 2023</p>
6	<p><u>Comparison of “Orthodontic First” and “Surgery First” Approaches to Quality of Life in Orthognathic Surgery Patients: A Prospective Cohort Study</u></p> <p><u>Thitiyuk, C., Patchanee, S., Klaisiri, A., Chaiprakit, N.</u> <u>Applied Sciences Switzerland, 12(23), 12137</u> 2022</p>
7	<p><u>Finite element analysis between Hunsuck/Epker and novel modification of Low Z plasty technique of mandibular sagittal split osteotomy</u></p> <p><u>Dumrongwanich, O., Chantarapanich, N., Patchanee, S., Inglam, S., Chaiprakit, N.</u> <u>Proceedings of the Institution of Mechanical Engineers Part H Journal of Engineering in Medicine, 236(5), pp. 646–655</u> 2022</p>
8	<p><u>Odontogenic Myxofibroma: A Case Report</u></p> <p><u>Thitiyuk, C., Patchanee, S., Chaiprakit, N.</u> <u>Journal of International Dental and Medical Research, 15(2), pp. 820–823</u> 2022</p>
9	<p><u>A Surgeon-Friendly BSSO by the Novel Modification of Low Z Plasty: Approach Focus and Case Report: A Case Report</u></p> <p><u>Chaiprakit, N., Oupadissakoon, C., Klaisiri, A., Patchanee, S.</u> <u>Journal of International Dental and Medical Research, 14(2), pp. 768–772</u> 2021</p>
10	<p><u>Titanium Mandibular Prosthesis with Condyle: A 3D Printing Reconstruction Model</u></p> <p><u>Chaiprakit, N., Patchanee, S., Oupadissakoon, C., Warin, K., Klaisiri, A.</u></p>

	<p><u>Journal of International Dental and Medical Research</u>, 14(1), pp. 340–343 2021</p>
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1	<p>Comparison of the Cost Effectiveness of Orthognathic Surgery Treatment Between Orthodontic-first and Surgery-first Approaches in the Surgical Phase in Thammasat University Hospital <i>Phetcharat Chatmongkhonkit, Chanekrid Oupadissakon, Siripatra Patchanee, Narissaporn Chaiprakit</i> <u>Oral Sciences Reports</u> Volume 45, Issue 2, 2024, pp. 28-37</p>
2	<p>Spontaneous bone regeneration after jaw resection : report of 5 cases <i>Amnuaysilpa Krusan, Narissaporn Chaiprakit, Siripatra Patchanee</i> <u>Thai Journal of Oral and Maxillofacial Surgery</u> Volume 31, Issue 2, 2017, pp. 136-150</p>
3	<p>Localized Juvenile Spongiotic Gingival Hyperplasia: A Case Report <i>Chanekrid Oupadissakoon, Narissaporn Chaiprakit, Weerachai Singhatanadkit</i> <u>Chulalongkorn University Dental Journal</u> Volume 39, Issue 3, 2016, pp. 95-100</p>