

**Name**

Sng Jie Han Timothy

**Present appointment**

Academic Fellow, Department of Oral & Maxillofacial Surgery,  
Faculty of Dentistry, National University of Singapore

Registrar, Department of Oral & Maxillofacial Surgery, National  
University Centre for Oral Health Singapore

**Contact information**

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**Academic qualifications**

Bachelor of Dental Surgery, National University of Singapore (2017)

Master of Dental Surgery (Oral & Maxillofacial Surgery), National University of Singapore (2023)

**Awards**

37 <sup>th</sup> International Association for Dental Research-SEA Annual Scientific Meeting & 2 <sup>nd</sup> International Oral Health Symposium (2023)	Oral Health Research Category Award (1 <sup>st</sup> )
Singapore Health & Biomedical Congress 2023	Singapore Young Investigator Award (Gold)
Singapore Health & Biomedical Congress 2021	Singapore Young Investigator Award (Silver)
International Dental Exhibition & Meeting (IDEM), Competitive Scientific Poster Competition, 2016	-1st Prize -Best Presentation Award
NUS Faculty of Dentistry Academia Talent Development Programme Scholarship	2020-2023

**Memberships of Associated Professional Bodies**

Association of Oral and Maxillofacial Surgeons Singapore

International Association of Oral and Maxillofacial Surgeons

Association for the Study of Internal Fixation/ Arbeitsgemeinschaft für Osteosynthesefragen (AO),  
Craniomaxillofacial Surgery (AOCMF)

**Teaching Areas**

Oral & Maxillofacial Surgery

**Research Areas & Interest**

Craniomaxillofacial Deformities

Bone Regeneration and Implantology

**Selected Publications**Articles

Yong CW, Sng TJH, Choo SHJ, Chew JRJ, Islam I. Implant presence-triggered osteonecrosis: A scoping review. J Stomatol Oral Maxillofac Surg. 2024 Jan 4;125(5):101759.

Yong CW, Ng WH, Quah B, Sng TJH, Loy RCH, Wong RCW. Modified maxillomandibular advancement surgery for the treatment of obstructive sleep apnoea: a scoping review. Int J Oral Maxillofac Surg. 2023 Oct 3: S0901-5027(23)00217-5

**Timothy JH Sng**, Yong CW, Wong RCW. Cross sectional study on the competence and confidence of dental students and graduates in the management of medically compromised patients and acute medical emergencies. PLoS One. 2023.

Quah B, **Sng TJH**, Yong CW, Wong RCW. Orthognathic Surgery for Obstructive Sleep Apnea. Oral Maxillofacial Surgery Clinic North America. 2022

Yong CW, **Sng TJH**, Quah B, Lee CKJ, Lim AAT, Wong RCW. The role of anterior segmental osteotomies in orthognathic surgery for protrusive faces in a Southeast Asian population: 10-year retrospective data of 51 patients treated in a single centre. Int J Oral Maxillofac Surg. 2022 Aug 22:S0901-5027(22)00328-9.

Wern Cui Chu, Shipin Zhang, Timothy J Sng, Yu Jie Ong, Wen-Li Tan, Vivien Y Ang, Casper B Foldager and Toh Wei Seong et al. **Distribution of pericellular matrix molecules in the temporomandibular joint and their chondroprotective effects against inflammation.** International Journal of Oral Science (2017) 9, 43-52

#### Book chapters

Co-authorship in Digital Human Modelling and Medicine, The Digital Twin. Elsevier (2023)

Chapter 18: Digital modelling of the jaws for the evaluation of mandibular reconstruction techniques

Chapter 26: Implant design on virtual digital human skull models for the creation of customised patient-specific regenerative implants: biomechanical consideration

Chapter 30: The virtual patient model for correction of facial deformity & accuracy of simulation and surgical guide constructions

Full publication list: <https://orcid.org/0000-0003-4069-5153>