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Sleep bruxism

Associations and comorbid conditions

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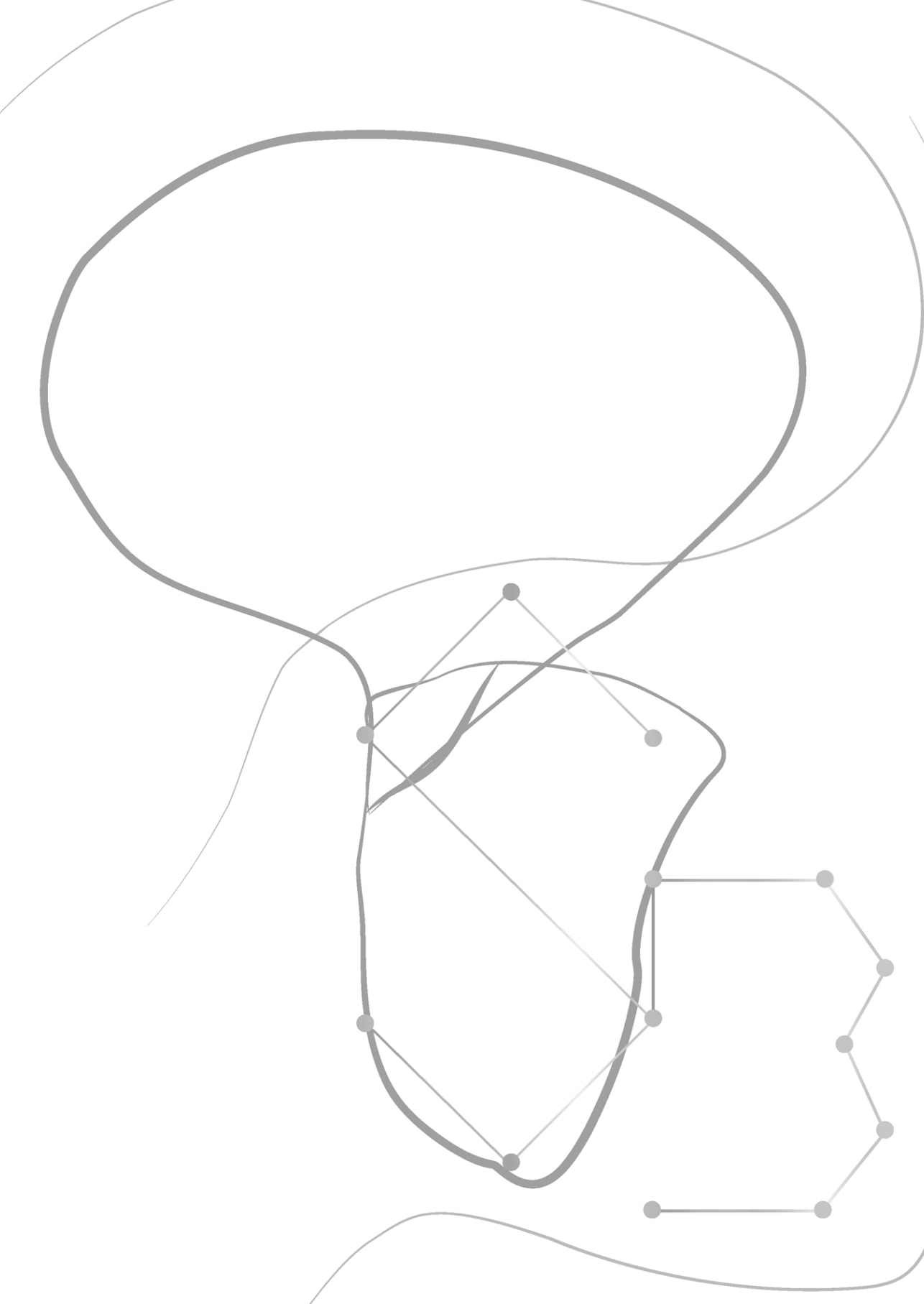
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CHAPTER 11

AUTHOR'S CONTRIBUTIONS

LIST OF PUBLICATIONS

ABOUT THE AUTHOR

ACKNOWLEDGEMENTS

AUTHORS' CONTRIBUTIONS

Chapter 2| The association between sleep bruxism and awake bruxism: Polysomnographic and electromyographic recordings in women with and without myofascial pain

Thiprawee Chattratrai, Malvin N. Janal, Frank Lobbezoo, Karen G. Raphael

All authors (TC, MJ, FL, and KR) contributed to the study conception and design. MJ collected the data. TC and MJ performed the analyses. TC wrote the first draft. MJ, FL, and KR gave feedback on the draft. All authors critically revised the manuscript and approved the final manuscript.

Chapter 3| The association of self-reported awake bruxism and sleep bruxism with temporomandibular pain and dysfunction in adult patients with temporomandibular disorders

Thiprawee Chattratrai, Ghizlane Aarab, Naichuan Su, Tessa F Blanken, Somsak Mitirattanakul, Frank Lobbezoo

All authors (TC, GA, NS, TB, SM, and FL) contributed to the study conception and design. TC performed all statistical analyses with supervision of TB and NS. TC wrote the first draft and supervision was provided by TB, NS, and FL. All authors critically revised the manuscript and approved the final manuscript.

Chapter 4| Changes of self-reported sleep and awake bruxism in relation to the management of temporomandibular disorders (“care as usual”) in a specialty clinic population

Thiprawee Chattratrai, Magdalini Thymi, Naichuan Su, Frank Lobbezoo

All authors (TC, MT, NS, FL) contributed to the study conception. TC, MT, and FL contributed to the study design. Data collection was done by TC and MT. TC performed the analyses, and the interpretation was done by TC, MT, and NS. TC wrote the first draft. MT, NS, and FL gave feedback on the draft. All authors critically revised the manuscript and approved the final manuscript.

Chapter 5| A network analysis of self-reported sleep bruxism in the Netherlands Sleep Registry: its associations with insomnia and several demographic, psychological, and life-style factors

Thiprawee Chattratrai, Tessa F Blanken, Frank Lobbezoo, Naichuan Su, Ghizlane Aarab, Eus J W Van Someren

TC, TB, FL, GA and EVS contributed to the study conception. All authors (TC, TB, FL, NS, GA, EVS) contributed to the study design. EVS collected the data. TC and TB performed all statistical analyses, and the interpretation was done by TC, TB, and NS. TC wrote the

first draft and supervision was provided by TB, NS, and FL. All authors critically revised the manuscript and approved the final manuscript.

Chapter 6| Network analysis of sleep bruxism in the EPISONO general population

Thiprawee Chatrattraij, Ghizlane Aarab, Tessa F Blanken, Gabriel N Pires, Alberto Herrero Babiloni, Cibele Dal Fabbro, Eus van Someren, Gilles Lavigne, Milton Maluly, Monica L. Andersen, Sergio Tufik, Frank Lobbezoo

TC, GA, TB, GP, AHB, CDF, EVS, GL, MM, and FL contributed to the study conception. TC, GA, TB, GP, EVS, MM, and FL contribution to the study design. GP, MA, and ST collected the data. TC performed the analyses with a supervision of TB. TC, TB, and GP interpreted the analyses. TC wrote the first draft and supervision was provided by FL. All authors critically revised the manuscript and approved the final manuscript.

LIST OF PUBLICATIONS

Included in this thesis

Chattratrai T, Janal MN, Lobbezoo F, Raphael KG. The association between sleep bruxism and awake bruxism: Polysomnographic and electromyographic recordings in women with and without myofascial pain. *J Oral Rehabil.* 2023 Apr 18 [Online ahead of print].

Chattratrai T, Aarab G, Su N, Blanken TF, Mitrirattanukul S, Lobbezoo F. The association of self-reported awake bruxism and sleep bruxism with temporomandibular pain and dysfunction in adult patients with temporomandibular disorders. *Submitted*

Chattratrai T, Thymi M, Su N, Lobbezoo F. Changes of self-reported sleep and awake bruxism in relation to the management of temporomandibular disorders (“care as usual”) in a specialty clinic population. *Submitted*

Chattratrai T, Blanken TF, Lobbezoo F, Su N, Aarab G, Van Someren EJW. A network analysis of self-reported sleep bruxism in the Netherlands sleep registry: its associations with insomnia and several demographic, psychological, and life-style factors. *Sleep Med.* 2022;93:63-70.

Chattratrai T, Aarab G, Blanken TF, et al. Network analysis of sleep bruxism in the EPISONO adult general population. *J Sleep Res.* 2023:e13957.

Other publications

Chung J, Lobbezoo F, van Selms MKA, Chattratrai T, Aarab G, Mitrirattanukul S. Physical, psychological and socio-demographic predictors related to patients’ self-belief of their temporomandibular disorders’ aetiology. *J Oral Rehabil.* 2021;48(2):109-123.

Huang Z, Aarab G, Chattratrai T, et al. Associated factors of primary snoring and obstructive sleep apnoea in patients with sleep bruxism: A questionnaire study. *J Oral Rehabil.* 2022;49(10):970-979.

Huang Z, Zhou N, Chattratrai T, et al. Associations between snoring and dental sleep conditions: A systematic review. *J Oral Rehabil.* 2023.

ABOUT THE AUTHOR

Thiprawee Chattratrai was born in May 1993 in Bangkok, Thailand. She graduated from the Faculty of Dentistry at Mahidol University in 2017. Then, she worked as a dentist at a government hospital, Sawi Hospital, in Chumphon province, which is located in the southern part of Thailand. After a year of such a fun and memorable experience, she returned to work at the Faculty of Dentistry at Mahidol University, the dental school she was familiar with. During this time, she also studied the graduate diploma in Masticatory Science, specializing in orofacial pain and dysfunction. After completing the program, she was awarded a scholarship from Mahidol University and traveled 5727 miles across continents to begin her PhD at ACTA in September 2019. Throughout her PhD, she conducted research, focusing on sleep bruxism, in collaboration with international colleagues. Additionally, she joined the committee of the Thai Student Association in the Netherlands (TSAN) from 2020 to 2021. Thus, she was able to spend her time with the team organizing online activities during the pandemic and quarantine, and then engage in on-site activities once that era was over. Thanks to a train subscription like NS Weekend Vrij and Museumkaart, she can enjoy her weekends exploring museums, cafés, and other places in multiple cities across the Netherlands. Afterward, she plans to return to Thailand and work as a lecturer and dentist at the Faculty of Dentistry at Mahidol University.

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ขอบคุณป๊าป๊า หม่าม้า อาม่า บิ๊กบอส เป็นโบ๊ท ขอบคุณสำหรับทุกอย่าง และที่สนับสนุนบ๊ิกตลอดมา
ขอบคุณน้อง ๆ ที่น่ารักของเจ้ที่เข้าใจและคอยรับฟังเรื่องราวมากมาย ขอบคุณกำลังใจที่แสนอบอุ่น
ใจ รักนะคะ

สุดท้ายนี้ ขอขอบคุณป๊ิกบ๊ิก ฉันทุมิใจในตัวเธอ

*We don't meet people by accident.
They are meant to cross our path for a reason.*

