

Paper Category:	Oral Health and Swallowing
Paper Title: (Arial Font; 14 Pt Size)	The Develop of Chinese Version Oral Frailty Index-8 and the Association between Oral Frailty and Sarcopenia in Kaohsiung City
Abstract Body: (Arial Font; 12Pt Size)	<ul style="list-style-type: none"> • Background • Objectives • Method • Results • Discussions and Conclusions
<p>The Develop of Chinese Version Oral Frailty Index-8 and the Association between Oral Frailty and Sarcopenia in Kaohsiung City</p> <p>Chen-Cheng Yang^{1,2,3}, Sang-Ju Yu^{3,4}, Tomoki Tanaka⁵, Tatsuya Iijima⁵, Chao-Hung Kuo⁶</p> <ol style="list-style-type: none"> 1. Department of Occupational and Environment Medicine, Kaohsiung Municipal Siaogang Hospital, Kaohsiung Medical University, Kaohsiung City, Taiwan 2. Department of Occupational and Environment Medicine, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung City, Taiwan 3. Taiwan Society of Home Health Care, Taiwan 4. Home Clinic Dulan, Taitung, Taiwan 5. Institute of Gerontology, the University of Tokyo, Tokyo, Japan 6. Department of Internal Medicine, Kaohsiung Municipal Siaogang Hospital, Kaohsiung Medical University, Kaohsiung City, Taiwan <ul style="list-style-type: none"> • Background Although oral function status is important issue for geriatric health, multi-dimensional oral frailty measures have not been established for Chinese elders. Furthermore, the association between oral frailty and sarcopenia had not been totally understood. • Objectives The purpose of our study was to establish the Chinese version of the oral frailty assessment and discuss the association between oral frailty and sarcopenia. • Method A total of 451 elders answered and were involved in the assessments. The mean and standard deviation (SD) of age were 66.4±11.1 years old, 186 male (41.2%). The means and SD of the Chinese version of OFI-8 was 3.88±2.46. After adjustment of age and gender, the OFI-8 was positive associated with SARC-F (B 0.543, standard error 0.084, p value<0.001). • Results 451 Chinese elders fulfilled surveys of Chinese version Oral Frailty Index 8 (OFI-8) in Kaohsiung City, Taiwan. The Chinese version of OFI-8 was translated according to international guidelines, the COnsensus-based Standards for the selection of health Measurement INstruments (COSMIN) reporting guidelines. Tooth status, oral function, and other subjective measures were evaluated in the eight items questionnaire. Meanwhile, sarcopenia was assessed by SARC-F questionnaire. 	

- Discussions and Conclusions

We established a useful Chinese version oral frailty screen questionnaire, the OFI-8. Oral frailty is positive associated with sarcopenia. This measure could be practical to assess oral health status in Chinese community, promote oral frailty research among Chinese population, and address the problem of definition for oral frailty in the future.

Date of Submission: July 27, 2023

Total number of words: 239

Please submit the completed abstract form by 12 July 2023 via the online submission portal at (<https://sgms.org.sg/abstract-submission/>.)