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## 學歷

高雄醫學大學	牙醫學研究所	博士	2002~2008
高雄醫學大學	行為科學研究所	碩士	1999~2001
高雄醫學院	心理學系	學士	1995~1999

## 現職與經歷

高雄醫學大學	口腔衛生學系	教授	2023~迄今
高雄醫學大學	口腔衛生學系	副教授	2016~2023
高雄醫學大學	口腔衛生學系	助理教授	2010~2016

## 專長及研究領域 EXPERTISE AND RESEARCH AREA

### 專長：

行為科學

### 研究領域：

牙科職場壓力(work stress among dental staff)  
牙科醫療利用及就醫行為(dental care utilization)  
牙科焦慮/恐懼(dental fear/anxiety)  
檳榔使用與依賴(betel quid use and dependence)  
遊戲式學習(game-based learning)

## 任教科目

碩士班：牙科行為科學特論、英文文獻導讀特論、學術研究倫理  
大學部：普通心理學、普通社會學、健康心理學、牙科行為科學

## PUBLICATIONS

### (I) SCI/SSCI JOURNAL PAPERS (Sort by year)

1. Wu JH, Li JY, Du JK, **Lee CY\***. Comparisons of subjective perceptions of users and plaque-removal efficacy among ultra-soft single-headed, triple-headed, and T-shaped toothbrushes. *Journal of Oral Science* 2023; 65(2): 102-106. (SCI)
2. Teng TY, Wu JH, **Lee CY\***. Acceptance and experience of digital dental technology, burnout, job satisfaction, and turnover intention for Taiwanese dental technicians. *BMC Oral Health* 2022; 22(1): 342. (SCI)
3. **李貞儀**、陳年香、彭紀棟、孫瑀勵、黃妍渝、葉竹菁、吳如惠\*。家庭牙醫門診病人就醫行為、醫療服務品質與忠誠度之關聯。 *醫學與健康期刊*，2022，11(2)：65-78。
4. Chu MI, Chen CH, **Lee CY**, Chen YK. Retrospective study of the styloid process in a Taiwanese population using cone beam computed tomography. *Journal of Dental Sciences* 2022;17(1): 345-353 (SCI)
5. Lin CS, **Lee CY**, Wu SY, Chen LL, Lee KT, Wang MC, Wang TF. Translation and validation of Modified Dental Anxiety Scale based on adult Taiwan population. *BMC Oral Health* 2021; 21: 647. (SCI)
6. Wu JH, **Lee CY**, Chang WT\*, Wu PH, Chen LA, Huang JW, Su WL, Kuo KK. The association between oral health status and the clinical outcome of cirrhotic patients on the waiting list for liver transplantation. *Kaohsiung Journal of Medical Sciences* 2021; 37(10): 910-917. (SCI)
7. Wu JH, Du JK, **Lee CY\***. Development and questionnaire-based evaluation of virtual dental clinic: a serious game for training dental students. *Medical Education Online*. 2021;26(1):1983927. (SSCI)
8. Wu JH, Lee MK, **Lee CY**, Chen NH, Lin YC, Chen KK, Lee KT, Du JK. The impact of the COVID-19 epidemic on the utilization of dental services and attitudes of dental residents at the emergency department of a medical center in Taiwan. *Journal of Dental Sciences* 2021;16: 3-868-876 (SCI)
9. Wu JH, Du JK, **Lee CY\***, Lee HE, Tsai TC. Effects of anxiety on dental students' noncognitive performance in their first objective structured clinical examination. *Kaohsiung Journal of Medical Sciences* 2020;1-7 2020; 36:4-1-7 (SCI)
10. Lin CS, **Lee CY**, Chen LL, Wu LT, Yang SF, Wang TF. Magnification of fear and intention of avoidance in non-experienced versus experienced dental treatment in adults, *BMC Oral Health* 2021;21:1-328 (SCI)
11. Chang YH, **Lee CY**, Hsu MS, Du JK, Chen KK, Wu JH. Effect of toothbrush/dentifrice abrasion on weight variation, surface roughness, surface morphology and hardness of conventional and CAD/CAM denture base materials,

*Dental Materials Journal* 2021;40:1-220-227 (SCI)

12. **Lee CY\***, Chang YY. Betel quid chewing and cessation in the sociocultural context of Paiwan people from Taiwan: a qualitative study. *Journal of Ethnicity in Substance Abuse* 2021; 20: 3-868-876 (SSCI)
13. **Lee CY**, Wu JH, Du JK\*. Work stress and occupational burnout among dental staff in a medical center. *Journal of Dental Sciences* 2019;14(3): 295-301 (SCI)
14. Su YY, **Lee CY**, Hsu MS, Wu JH\*. Chewing efficiency on complete dentures with different occlusal curvatures - four female cases. *J Family Dent* 2018; 12: 3-4-12.
15. **李貞儀\***、吳如惠、杜哲光、張永源。高雄市社區照顧關懷據點對高齡者遠距口腔照護之需求評估。 *福祉科技與服務管理學刊*，2018，6(3)：239-252。(TSSCI).
16. **Lee CY\***, Wu CF, Chen CM, Chang YY. Qualitative study for betel quid cessation among oral cancer patients. *PLoS One* 2018; 13(7): e0199503. (SCI).
17. **Lee CY\***, Ting CC, Wu JH, Lee KT, Chen HS, Chang YY. Dental visiting behaviors among primary schoolchildren: application of the health belief model. *International Journal of Dental Hygiene* 2018; 16(2): e88-e95. (SCI)
18. **Lee CY**, Lu BB, Shieh TY, Chang YY\*. Patterns of betel-quid, cigarette and alcohol use and their correlates with betel-quid cessation in a male inmate population. *Substance Use and Misuse* 2016; 51(4): 471-8. (SSCI/SCI)
19. Chen CM\*, **Lee CY**, Liu YC, Hsu KJ. Comparison of intraoperative blood loss and postoperative pain after two different anterior mandibular osteotomies. *J Craniofac Surg* 2015; 26: 1858–1860. (SCI)
20. **Lee CY**, Chang YY, Shieh TY, Chang CS\*. Reasons for permanent tooth extractions in Taiwan. *Asia Pacific Journal of Public Health*. 2015; 27(2): 2350-2357. (SCI)
21. Chen HS, Yang PL, **Lee CY**, Chen KK, Lee KT\*. Analysis of maximum mouth opening and its related factors in 3- to 5-year-old Taiwanese children. *Odontology*, 2015; 103(1): 84-88. (SCI)
22. **Lee CY**, Chang CS, Shieh TY, Chang YY\*. Development and validation of a self-rating scale for betel quid chewers based on a male-prisoner population in Taiwan: The Betel Quid Dependence Scale. *Drug and Alcohol Dependence*. 2012; 121(1-2): 18-22. (SCI/SSCI)
23. **Lee CY**, Chang YY\*, Huang ST. Higher-order exploratory factor analysis of the dental subscale of children's fear survey schedule in a Taiwanese population. *Community Dental Health*. 2009; 26(3): 183-187. (SCI)
24. **Lee CY**, Chang YY\*, Huang ST. The clinically-related predictors of dental fear in Taiwanese children. *International Journal of Paediatric Dentistry*. 2009; 18(6):

415-422. (SCI)

25. **Lee CY**, Chang YY\*, Huang ST. Prevalence of dental anxiety among 5- to 8-year-old Taiwanese children. *Journal of Public Health Dentistry*. 2007; 67(1): 36-41. (SCI)
26. **Lee CY**, Chang YY\*, Lung FW. The marriage-related risk factors during maternal pregnancy in children with attention-deficit hyperactivity disorder. *Child: Care, Health and Development*. 2006; 32(2): 205-211. (SCI/SSCI)

## **(II) BOOK CHAPTERS (Sort by year)**

1. **Lee CY**, Herzog TA, Murphy KL, Chang YY\*. Chapter 82: Betel Quid Dependence Scale. In *Neuropathology of Drug Addictions and Substance Misuse – Volume 3*. Page. 827-835. Elsevier publication. 2016.

## **(III) CONFERENCES (Sort by year)**

1. Lee CY, Lin CH, Su PH, Huang HF, Wu JH. Educational board game for training dental and dental hygiene students in patient safety issues. Australian & New Zealand Association for Health Professional Educators (ANZAHPE) Conference 2023. Gold Coast. Australia. 26-June-2023~29-June-2023
2. Lee CY, Chen LL, Wu SY, Wang TF, Lin CS. Validation of the Taiwanese version Modified Dental Anxiety Scale. IADR/AADR/CADR General Session & Exhibition 2020. Washington, D. C. United States of America. 18-Mar-2020~21-Mar-2020.
3. Lee CY, Wu JH, Du JK, Chang YY. High-demand Tele-Dental Care among Taiwanese Independent Elderly People. 96<sup>th</sup> General Session & Exhibition of the International Association for Dental Research. London, UK. 25-July-2018~28-July-2018.
4. Lee CY, Ting CC, Wu JU, Lee KT, Chen HS, Chang YY. Dental visiting beliefs and behaviors of primary schoolchildren in Taiwan. 94th General Session & Exhibition of the International Association for Dental Research. Seoul, Korea. 22-Jun-2016~25-Jun-2016
5. Lee CY, Wu CF, Chen CM, Chang YY. Qualitative study for betel quid cessation among oral cancer patients in Taiwan. 2016 International Betel Quid Conference. Kuala Lumpur. Malaysia. 27-Apr-2016~28-Apr-2016
6. Wu ML, Ting CC, Yen YY, Wu YM, Lee CY\*. Effectiveness of oral health education on elderly people in a rural setting in Taiwan. 26th Annual Scientific

Meeting South-East Asia Association for Dental Education. Bali. Indonesia. 12-Aug-2015~13-Aug-2015

7. Lee CY, Lu HH, Yi MJ, Chang YY\*. Betel quid chewing and dependence among Paiwan people in Taiwan. 29th Annual Scientific Meeting of the IADR Southeast Asian Division. Bali. Indonesia. 14-Aug-2015~15-Aug-2015

研究計畫（依年度排序，最新的排前面）

NO.	計畫名稱	補助單位	擔任工作	起訖年月
1.	培育牙醫系學生之病人安全意識：評估工具驗證、不良事件調查與嚴肅遊戲教育成效評估(2/2)	國科會	主持人	2022/8/1~2024/7/31
2.	牙科病人安全桌遊教學融入學生實習前課程之成效評估	教育部	主持人	2022/8/1~2023/7/31
3.	台灣民眾之牙科焦慮與恐懼現況調查：從建立測量工具到臨床實務應用	科技部	共同主持人	2018/08~2020/07
4.	嚴肅遊戲於口腔醫學教育的應用—以「牙科模擬診間」為例	教育部	共同主持人	2018/08~2019/07
5.	高雄市政府—健康城市—口腔衛生數位教材開發計畫	高雄市政府 教育局	主持人	2017/01~2017/12
6.	銀髮族牙科雲端照護模式之建立	科技部 人文司	主持人	2016/08~2017/07
7.	臺北市嚼檳榔成癮度調查研究計畫	臺北市政府 衛生局	主持人	2016/05~2016/12
8.	高雄市政府—健康城市—學童口腔保健窩溝封填試辦學校計畫	高雄市政府 教育局	主持人	2015/03~2016/02

9.	以質性研究方法應用跨理論模式於台灣檳榔使用者之成癮改變歷程	科技部 人文司	主持人	2014/08~2015/07
10.	原住民檳榔使用與依賴之跨國比較研究	高醫大	主持人	2014/01~2014/12
11.	檳榔依賴情形之跨國比較研究:盛行率、相關因素及戒除模式之建立	行政院 衛生署	協同主持人	2013/01 –2013/12
12.	以職場為推動基礎之口腔健康照護介入模式計畫	國民健康局	協同主持人	2013/01 –2013/12
13.	兒童看牙科害怕/焦慮型態與行為反應改善程度評估	國科會 人文處	協同主持人	2012/08~2013/07
14.	101 年度臺北市學齡前兒童整合性社區篩檢品質分析	台北市政府 衛生局	協同主持人	2012/01-2012/12
15.	健康促進學校	教育部	輔導委員	2012/01 – 迄今
16.	心理壓力與牙周病病程之探討:臨床表徵與生物關聯性	高醫大	主持人	2012/01~2012/12
17.	檳榔依賴跨國比較研究	亞太公共衛生聯盟 APACPH	研究人員	2011~2015
18.	乳癌術後存活病患復發之心理社會因子探討暨心理介入方案之心理健康結果評估	國科會	協同研究人員	2011/08~2012/07
19.	以健保資料庫探討牙周病處置、醫療利用特性與牙齒喪失之存活分析	高醫大	主持人	2011/01~2011/12
20.	建置牙周病口腔健康照顧模式計畫	國民健康局	協同主持人	2011/01 –2011/12