



Name: Kun-Tsung Denzel Lee

Email: denzelle@kmu.edu.tw

Tel: 886-7-3121101 ext.2209*31

EDUCATION:

PhD 2010– 2019 Graduate Institute of Dentistry, College of Dental Medicine, Kaohsiung Medical University

M.D.S. 2003 – 2005 Graduate Institute of Oral Health Sciences, College of Dental Medicine, Kaohsiung Medical University

D.D.S. 1993 – 1999 School of Dentistry, College of Dental Medicine, Kaohsiung Medical University

Current position and relevant experience

A. Department of Oral Hygiene, College of Dental Medicine

02/2022 – date Associate Professor

08/2012 – 01/2022 Assistant Professor

B. Department of Dentistry, Kaohsiung Medical Hospital

08/2013 – 07/2015 Chief of Division of Family Dentistry

08/2012 – 07/2015 Chief of The First Dental Clinic

08/2005 – date Attending (Visiting Staff), Division of Clinical Dentistry

08/2004 – 07/2005 Chief Resident, Division of Family Dentistry

08/2001 – 07/2004 Resident, Division of Family Dentistry

C.

Specialty

1. Family Dentistry;
2. Health Insurance and Medical Law;

MAJOR PUBLICATIONS

1. Wei-Sung Lee, Kun-Tsung Denzel Lee, Li-Yun Chen, Bang-Jau You, Hong-Zin Lee* Identification of Key Pathways Involved in White Strain of *Hypsizygus marmoreus* Extracts-Induced Cell Death of Human Hepatoma Hep3B cells by Next Generation Sequencing. *Front Pharmacol.* 2022 Jun 16;13:888863. doi: 10.3389/fphar.2022.888863. eCollection 2022.
2. Ji-Hua Lee, Su Chii Kong, Chia-Hsin Chen, Ying-Chun Lin, Kun-Tsung Lee*, Yan-Hsiung Wang* The Effects of Photobiomodulation on Bone Defect Repairing in a Diabetic Rat Model. *International Journal of Molecular Sciences* 2021 13;22(20):11026
3. Kun-Tsung Lee, Zhu-Ling Guo, Nai-Chia Teng, Kuei-Ling Christine Hsu, I-Hui Chen, Chang-Yu Lee, Hung-Ming Chang, Yung-Kai Huang* Salivary pro-inflammatory markers and smoking status influences the treatment effectiveness of periodontal disease patients with hypertension. *Int. J. Environ. Res. Public Health* 2021 18(14):7364
4. Kun-Tsung Lee, Shiu-Shiung Lin, Kun-Jung Hsu, Chi-Yu Tsai, Yi-Hao Lee, Yu-Jen Chang, Te-Ju Wu* Intraoperative Blood Loss and Postoperative Pain in the Sagittal Split Ramus Osteotomy and Intraoral Vertical Ramus Osteotomy: A Literature Review. *BioMed Research* 2021:4439867
5. Jui-Hui Wu, Min-Kang Lee, Chen-Yi Lee, Nien-Hsiang Chen, Ying-Chun Lin, Ker-Kong Chen, Kun-Tsung Lee*, Je-Kang Du* 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. *J Dent Sci.* 2021 16(3):868-876
6. Han-Sheng Chen, Szu-Yu Hsiao, Kun-Tsung Lee* Analysis of Facial Skeletal Morphology: Nasal Bone, Maxilla, and Mandible. *BioMed Research International* 2021:5599949
7. Ju-Hui Wu, Kun-Tsung Lee, Chia-Hung Cheng, Jih-Yu Chiu, Jen-Yu Hung, Chung-Yao Hsu, Ming-Ju Tasi*. The association between temporomandibular disorder and sleep apnea- a nationwide population-based cohort study. *Int. J. Environ. Res. Public Health* 2020, 17(17), 6311
8. Chiang MH, Lee KD, Chen CH, Chen KK, Wang YH*. Photobiomodulation therapy inhibits oral submucous fibrosis in mice. *Oral Dis.* 2020, 26(7):1474-1482
9. Lee KD, Chiang MH, Chen PH, Ho ML, Lee HZ, Lee HE, Wang YH*. The effect of low-level laser irradiation on hyperglycemia-induced inflammation in human gingival fibroblasts. *Lasers Med Sci.* 2019 Jul;34(5):913-920.
10. D. K. Lee, C. Kastl, D. C. Chan Bleachorexia- an addictive behavior to tooth bleaching: a case report. *Clinical Case Reports* 2018; 6(5): 910-914

11. N. Trongtham, R. Conner, D. K. Lee, D. H. Chan, D. C. Chan Effectiveness of potassium iodine in preventing silver diamine fluoride staining. *J Dent Res Vol#96 (Spec Iss A):#1861*, 2017
12. Chen-Yi Lee*, Chun-Chan Ting, Ju-Hui Wu, Kun-Tsung Lee, Hong-Sen Chen, Yong-Yuan Chang. Dental visiting behaviours among primary schoolchildren: Application of the health belief model. *Int J Dent Hyg.* 2017;1-8
13. Liao JC, Lee KT, You BJ, Lee CL, Chang WT, Wu YC, Lee HZ* Raf/ERK/Nrf2 signaling pathway and MMP-7 expression involvement in the trigonelline-mediated inhibition of hepatocarcinoma cell migration. *Food Nutr Res.* 2015 Dec 22;59:29884
14. Wu SJ, Chen YJ, Shieh TY, Chen CM, Wang YY, Lee KT, Lin YM, Chien PH, Chen PH* Association study between novel CYP26 polymorphisms and the risk of betel quid-related malignant oral disorders., *Scientific World Journal* 2015;2015:160185
15. 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 Jan; 103(1):84-8
16. Hour MJ, Lee KH, Chen TL, Lee KT, Zhao Y, Lee HZ*. Molecular modelling, synthesis, cytotoxicity and anti-tumour mechanisms of 2-aryl-6-substituted quinazolinones as dual-targeted anti-cancer agents., *Br J Pharmacol.* 2013 Aug;169(7):1574-86.
17. Kun-Tsung Lee, Mann-Jen Hour, Yang-Chang Wu, Chi-Yu Wu, Bang-Jau You, Tai-Lin Chen, Hong-Zin Lee* A novel antitubulin agent, DPQZ, induces cell apoptosis in human oral cancer cells through Ras/Raf inhibition and MAP kinases activation., *ARCHIVES OF TOXICOLOGY* 2013;87:5-835-46
18. Chun-Ming Chen, Huey-Er Lee, Ju-Hui Wu, Pei-Chen Lu, Je-Kang Du, Kun-Tsung Lee* Comparison of conventional and L-extension deltopectoral flaps in head-and-neck reconstructions, *J of Dental Sciences* 2012;7:2-179-83
19. Chun-Ming Chen, Kun-Tsung Lee, Je-Kang Du, Pei-Chen Lu* Real-time radio-photography., *Journal of oral maxillary surgery* 2011;69:6-e214-e215
20. Ju-Hui Wu, Pei-Chen Lu, Kun.-Tsung Lee, Je-Kang Du, Hwang-Chi Wang, Chun-Ming Chen* Horizontal and vertical resistance strength of infrazygomatic, *International Journal of Oral and Maxillofacial Surgery* 2011;40:5-521-525
21. Lee KT, Lai SS, Lin SS, Wu JH, Lee HE, Chen CM*. Changes in the transverse dimensions by vertical ramus osteotomy after mandibular prognathism correction., *J Craniofac Surg* 2011;22:5-1602-1605
22. Chen CM, Chang CS, Tseng YC, Hsu KR, Lee KT, Lee HE* The perception of pain following interdental microimplant treatment for skeletal anchorage: a retrospective study, *Odontology* 2011;99:1-88-91

23. Kun-Tsung Lee, Steven Sheng-Tsung Lai, Ju-Hui Wu, Huey-Er Lee, Chun-Ming Chen*
Correlation between the change of gonial region and skeletal relapse after intraoral vertical ramus osteotomy for correction of mandibular prognathism: a long-term follow-up, *Journal of Craniofacial Surgery* 2011;22:3-818-821
24. Ju-Hui Wu, Chun-Ming Chen, Huang-Chi Wang, Pei-Chen Lu, Kun-Tsung Lee, Je-Kang Du*
Pull-out strength of orthodontic palatal mini-implant., *Journal of Dental Sciences* 2011;6:4-200-4
25. Chun-Ming Chen, Sheng-Tsung Lai, Huang-Chi Wang, Ju-Hui Wu, Kun-Tsung Lee, Huey-Er Lee*
The stability of intraoral vertical ramus osteotomy and factors related to skeletal relapse., *Aesthetic Plast Surg* 2011;35:2-192-197
26. Chau-Hsiang Wang, Ju-Hui Wu, Kun-Tsung Lee, Kun-Rong Hsu, Huang-Chi Wang, Chun-Ming Chen*
Mechanical strength of orthodontic infrazygomatic mini-implants., *Odontology* 2011;99:1-98-100