

Curriculum Vitae

Name: Hsiang-Hsi Hong 洪祥熙
Gender: Male
Birth Place: Taipei, Taiwan
Citizenship: Republic of China
Office Address& Tel No: Section of Periodontics
Department of Dentistry
Lin-Kou Medical Center
Chang Gung Memorial Hospital
5 Fu-Hsing St. Kwei-Shan,
Tao-Yuan 333, Taiwan ROC
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Taiwanese Permanent Registration No: F121478166
Language: Mandarin, Taiwanese, English

Education:

1. 1978/10–1984/06
School of Dentistry, Taipei Medical University
Taipei Taiwan ROC
Bachelor of Dentistry / Doctor of Dental Surgery (DDS)

Post-Graduate Education:

1. 1990/09/25 –1992/09/24
Goldman School of Dental Medicine, Boston University
Boston MA USA
Doctor of Dental Medicine (DMD)
2. 1994/09/25–1996/09/24
Goldman School of Dental Medicine, Boston University
Boston MA USA
Advanced Graduate Study in Periodontology
3. 1993/09/25–1997/09/24
Goldman School of Dental Medicine, Boston University
Boston MA USA
Doctor of Science in Oral Biology (DSc.)

Academic Appointment:

1. Staff Dentist, Section of Periodontics, Dept. of Dentistry, Chang Gung

- Memorial Hospital, Lin-Kou Medical Center, Tao-Yuan, 1998/08/17 – To date
2. Part-time Assistant Professor at Taipei Medical University; 2000/08 – 2005/07
 3. Part-time Academic Assistant Professor and Instructor of Periodontal Post-Graduate Program in Graduate Institute of Dental and Craniofacial Science (顏顏口腔醫學研究所) at Medical School of Chang Gung University, 2002/09/01 – 2005/06/30
 4. Representative, Specialist Training Center of Taiwan Periodontology Academy in Lin-Kou Chang Gung Memorial Hospital. 臺灣牙周病醫學會專科醫師訓練機構長庚醫院林口院區負責醫師及代表 2003 – 2016
 5. Representative, Specialist Training Center of Academy of Oral Implantology Taiwan, in Lin-Kou Chang Gung Memorial Hospital. 中華民國口腔植體學會專科醫師訓練機構長庚醫院林口院區負責醫師及代表 2003 – 2016
 6. Chairman and Attending Dentist, Section of Periodontics, Dept. of Dentistry, Chang Gung Memorial Hospital, Lin-Kou Medical Center, Tao-Yuan, 2003/01/01 – 2016/06/30
 7. Chairman and Attending Dentist, Section of Periodontics, Dept. of Dentistry, Chang Gung Memorial Hospital, Lin-Kou, Taipei and Tao-Yuan Medical Center, 2010/07/01 – 2016/06/30
 8. Part-time Associate Professor at Taipei Medical University; 2005/08 – 2017/06
 9. Part-time Academic Associate Professor and Instructor of Periodontal Post-graduate Program in Graduate Institute of Dental and Craniofacial Science at Medical School of Chang Gung University, 2005/07/01 – 2017/07/30
 10. Attending dentist, Section of Periodontics, Dept. of Dentistry, Chang Gung Memorial Hospital, Lin-Kou Medical Center, Tao-Yuan, 2000/12/01 – To date
 11. Full-time Academic Associate Professor and Instructor of Periodontal Post-graduate Program in Graduate Institute of Dental and Craniofacial Science at Medical School of Chang Gung University, 2017/08/01 – To date

Employment Record:

1. 1984/07 – 1986/05
ROTC (Second Lieutenant in Army) Dental Department, Lieh Yu Hospital, Kinmen, ROC
2. 1986/07/01 – 1987/06/31
General Practice Dentist, Taipei, Taiwan, ROC
3. 1987/07/01 – 1990/07/31
General Practice Dentist
Resident & Chief Resident in Jen Chi Hospital, Taipei, Taiwan, ROC
4. 1993/01–1993/06

General Practice Dentist; Clinical practice in California USA

5. 1998/08/18 – 2000/12/31
Pre-Attending, Section of Periodontics, Chang Gung Memorial Hospital
(CGMH) Lin-Kou Medical Centre, Tao-Yuan, Taiwan, ROC
6. 2000/12/01 – To date
Attending, Section of Periodontics, Chang Gung Memorial Hospital (CGMH)
Lin-Kou Medical Centre, Tao-Yuan, Taiwan, ROC
7. 2003/01/01 – 2016/06/30
Chairman, Section of Periodontics, Chang Gung Memorial Hospital (CGMH)
Lin-Kou Medical Centre, Tao-Yuan, Taiwan, ROC
8. 2018/10- To date
牙科副部長 Vice Chairman of Dentistry, Chang Gung Memorial Hospital
(CGMH) Lin-Kou/Taipei/Tao-Yuan Medical Centre, Tao-Yuan, Taiwan, ROC

Board Certification:

1. 台檢牙字第 4686 號 Date 1984/11/08 Taiwan, ROC
2. The North East Regional Board of Dental Examiners: The Commonwealth
Massachusetts Board of Dentistry: No.18580, since 1993, USA
3. State of California Board of Dental Examiners: No. 40945, since 1993, USA
4. Certificate of Assistant Professor 助理教授證書助理字第 004625 號 Date
2000/10/18 Taiwan, ROC
5. 牙周專醫字第 146 號 Date 2002/04/14 Taiwan, ROC
6. 植牙專醫字第 220 號 Date 2002/05/25 Taiwan, ROC
7. Certificate of Associate Professor 副教授證書副字第 034473 號 Date
2006/11/13 Taiwan, ROC

Licensers:

1. 牙字第 04580 號 Date 1986/08/06
2. Commonwealth of Massachusetts: In Dentistry
License No. 18580 Date 1993/03/31
3. Dental Board of California: Dentist
License No. 40945 Date 1993/08/31
4. 桃衛牙執診字第 1029 號 Date 1998/08/24

Professional Affiliations:

1. As member of Association for Dental Sciences, Taiwan, ROC
2. As member of Academy of Periodontology, Taiwan, ROC
3. As member of Academy of Oral Implantology, Taiwan, ROC

4. As international member of American Academy of Periodontology, USA
5. As international member of American Dental Association, USA

Professional Activities:

1. Attending, Section of Periodontics, Dept. of Dentistry, Lin-Kou Medical Center, CGMH, Tao-Yuan, 1998/08/18 – To date
2. Part-time Assistant Professor at Taipei Medical University: 2000/08 – 2005/07.
3. Part-time Associate Professor at Taipei Medical University: 2005/08 – To date
4. Periodontal Post-Graduate Program in Graduate Institute of Dental and Craniofacial Science 長庚大學醫學院顱顏口腔醫學研究所牙周病組講師及課程負責人.
5. 桃園縣牙醫師公會第十八屆學術委員會委員
6. 長庚紀念醫院台北院區病歷管理委員會委員牙科代表
7. 長庚紀念醫院台北院區感染管控委員會委員牙科代表
8. 長庚紀念醫院台北院區醫療品質管理委員會委員 97 – 101 牙科代表
9. 台北醫學大學九十學年度招生考試委員
10. 國立台灣大學 103 學年度第 2 學期研究所學生碩士學位考試
11. 長庚紀念醫院牙科部專科品質推動負責人 98 年至 99 年
12. 台灣大學醫學院口腔醫學研究所 104 學年度研究生 Oral Defense Committee member 考試委員
13. 長庚大學醫學院顱顏口腔醫學研究所 92 學年度– To date 研究生 Oral Defense Committee member 考試委員
14. 長庚紀念醫院醫學教育委員會在職醫師出國進修審核委員
15. Full-time Academic Associate Professor in Graduate Institute of Dental and Craniofacial Science at Medical School of Chang Gung University, 2017/08/01 – To date
16. Reviewer of Chang Gung Medical Journal and Biomedical Journal
17. 負責幫忙長庚紀念醫院土城分院, 籌劃牙科部各項科務的設計、規劃、發展以及營運之推動
18. 負責幫忙長庚紀念醫院牙科部之行政、研究、學術、服務、教學各項科務的發展、規劃與推行

Research Interest and involvement:

1. Lysyl oxidase regulation, gingival overgrowth, and collagen accumulation in osteoblastic cultures,
2. Platelet rich plasma (PRP) in periodontal treatment
3. Dental implant therapy and dental implant macrostructure
4. Guiding bone regeneration (GBR) and guiding tissue regeneration (GTR)

5. Dental laser in dental implant and periodontal treatment
6. Oral Biology, Tissue Regeneration and Engineering
7. Micro-computed tomography (micro-CT) application on dental research
8. Design, development and placement of Chang Gung Dental Implant
9. Vital root amputation without root canal treatment
10. Ridge preservation after tooth extraction
11. Replantation of nature teeth instead of dental implant placement
12. Mini-implant and provisional implant treatment
13. Mesenchymal stem cells on dental treatment
14. Periodontal tissues formation/induction on dental implant

Research Project:

擔任計畫主持人

1. 2008.04 ~ 2009.09 可注射式 Bone Graft TM/Vitamin D₃ 骨填補才於拔牙齒槽骨保存之動物試驗 (長庚紀念醫院, CMRPG370291)
2. 2010.12 ~ 2012.03 人類牙周組織間質幹細胞之分離與培養 (長庚紀念醫院, CMRPG392071)
3. 2011.03 ~ 2013.03 自然牙齒特徵型態探討與植體穩定度研究 (長庚醫學股份有限公司, FMRPG3A0011)
4. 2011.12 ~ 2013.11 成人牙齒組織間質幹細胞之分離與培養 (長庚紀念醫院, CMRPG3A1141, CMRPG3A1141)
5. 2013.08 ~ 2014.10 比較成人牙周組織包含齒槽骨膜、牙周韌帶與牙齦所分離之間質幹細胞之生物特性 (科技部, NMRPG3C0151, 102-2314- B-182A-041-)
6. 2013.12 ~ 2015.10 參考自然牙齒外型特徵以決定植體支臺齒之外觀輪廓 (長庚醫學股份有限公司, FMRPG3C0011)
7. 2015.01 ~ 2017.04 Dexamethasone 在維他命 C 及/或維他命 D₃ 促進齒槽骨膜間質幹細胞硬骨形成中的角色。(長庚紀念醫院, CMRPG3E0311, CMRPG3E0312)
8. 2016.09 ~ 2017.07 第一代康美植體與自然牙齒骨接觸面積比較及第二代康美植體外型設計。(長庚醫學股份有限公司, FMRPG3F0011)
9. 2017.01 ~ 2018.06 Dexamethasone 或/與 Emdogain 對於齒槽骨膜之間質幹細胞的硬骨分化、牙骨質形成生物特性。(長庚紀念醫院, CMRPG3G0121)
10. 2018.01 ~ 2018.12 在齒槽骨膜幹細胞分化過程中, 以顯微電腦斷層掃描與/或同步輻射奈米穿透式 X 光顯微鏡觀察比較硬骨細胞鈣化過程之特徵
11. 2018.12~2020.06 Cyclosporin A 在齒槽骨膜間質幹細胞硬骨誘導機轉的角

色探討

12. 2019.11~2020.11 於再生醫學中使用轉錄組系統分析探討人類齒槽骨膜衍生幹細胞之細胞特徵與成骨分化能力

擔任共同計畫主持人

1. 2017.08 ~ 2019.07 血液透析病患口乾症狀衍生口腔健康問題之階段性研究-由健保資料庫分析口腔健康狀況至複方漱口液介入措施之成效 (科技部,106-2314-B-255 -005 -MY2)
2. 2014/10/01 ~ 2017/09/30 以耳聲傳射檢查探討牙體技術師之早期職業性噪音聽力損失的風險: 一般牙科彭嫻晴 CMRPG3D1791 ~ CMRPG3D1793

Publications:

1. **Hsiang-Hsi Hong**, Tsai AI, Liang C-H, Kuo S-B, Chen C-C, Tsai T-P, Lu C-F*. Preserving pulpal health of a geminated maxillary lateral incisor through multidisciplinary care. *International Endodontic Journal*, 2006 Sep; 39(9):730-7. (SCIE ; IF=3.015 ; DENTISTRY, ORAL SURGERY & MEDICINE, 12/91)
2. Chien-Chung Chen, Li-Wen Cheh, Jen-Chang Yang, Chi-Mon Tasi, En-Sheng Keh, Ming-ThauSheu, Ching-Hua Su, **Hsiang-Hsi Hong**, Che-Tong Lin, and Sheng-Yang Lee*. Non-shellfish chitosan from the fruiting body residue of *Ganoderma* for long-lasting antibacterial GTR barriers. *Journal of Dental Sciences*, 2007; 2(1):19-29. (SCIE ; IF=0.619 ; DENTISTRY, ORAL SURGERY & MEDICINE, 85/91)
3. Ying-Chin Peng, Philip Trackman, and **Hsiang-Hsi Hong***. The direct effect of the cyclosporine-A on lysyl oxidase synthesis in gingival fibroblast culture. *Journal of Dental Sciences*, 2007; 2(3):136-145. (SCIE ; IF=0.619 ; DENTISTRY, ORAL SURGERY & MEDICINE, 85/91)
4. Chao-Hua Liang, Ya-An Cheng, **Hsiang-Hsi Hong**, and Hsiang-Chi Hsieh*. Stability and reproducibility of an amateur digital camera for dental photography. *Journal of Dental Sciences*, 2007, 2(3):157-163. (SCIE ; IF=0.619 ; DENTISTRY, ORAL SURGERY & MEDICINE, 85/91)
5. **Hsiang-Hsi Hong***, Ting-An Chou, Jen-Chang Yang and Chee-Jen Chang. The potential effects of cholecalciferol on bone regeneration in dogs. *Clinical Oral Implants Research*, 2012 Oct;23(10):1187-1192. (SCIE, IF=4.305, DENTISTRY, ORAL SURGERY & MEDICINE, 4/91).
6. Chao-Wei Liu, Yang-Ming Chang*, Yu-Fu Shen, **Hsiang-Hsi Hong**. Using the T-scan III System to Analyze Occlusal Function in Mandibular

Reconstruction Patients : A Pilot Study. *Biomedical Journal*, 2015 Jan-Feb, Vol.38 No.1(SCIE, IF=1.723, BIOCHEMISTRY & MOLECULAR BIOLOGY, 235/292). 長庚醫誌

7. **Hsiang-Hsi Hong**, Tzung-Hai Yen, Adrienne Hong, Ting-An Chou*. Association of Vitamin D3 with Alveolar Bone Regeneration in Dogs. *J Cell Mol Med*, 2015 Jun; 19(6): 1208–1217. (SCIE ; IF=4.302, MEDICINE, RESEARCH & EXPERIMENTAL, 25/133)
8. Chung-Ta Chang, Chien-Yun Hsiang, Tin-Yun Ho, Ching-Zong Wu, **Hsiang-Hsi Hong**, Yi-Fang Huang*. Comprehensive Assessment of Host Responses to 5-Fluorouracil-Induced Oral Mucositis through Transcriptomic Analysis. *PLoS One*. 2015 Aug 12;10(8): e0135102. (SCIE, IF=2.766, MULTIDISCIPLINARY SCIENCES, 15/64).
9. **Hsiang-Hsi Hong**, Adrienne Hong, Tzung-Hai Yen, Yen-Li Wang*. Potential osteoinductive effects of calcitriol on the m-RNA of mesenchymal stem cells derived from human alveolar periosteum. *BioMed Research International*. 2016 Dec; 2016: 3529561. (SCIE ; IF=2.583 ; BIOTECHNOLOGY & APPLIED MICROBIOLOGY, 64/160)
10. Aileen I. Tsai, **Hsiang-Hsi Hong**, Wey-Ran Lin, Jen-Fen Fu, Chih-Chun Chang, I-Kuan Wang, Wen-Hung Huang, Cheng-Hao Weng, Ching-Wei Hsu, and Tzung-Hai Yen*. Isolation of Mesenchymal Stem Cells from Human Deciduous Teeth Pulp. *BioMed Research International*. 2017; 2017:28519(SCIE ; IF=2.583 ; BIOTECHNOLOGY & APPLIED MICROBIOLOGY, 64/160)
11. Yen-Ting Lin, Adrienne Hong, Yin-Chen Peng, **Hsiang-Hsi Hong***. Developing Stability of Posterior Mandibular Implants Associated With Bone Expansion and Conventional Drilling Techniques. *Journal of Oral Implantology* 2017 Apr; 43(2):131-138.(SCIE ; IF=1.212 ; DENTISTRY, ORAL SURGERY & MEDICINE, 69/91)
12. **Hsiang-Hsi Hong**, Adrienne Hong, Lan-Yan Yang, Wei-Yang Chang, Yi-Fang Huang, Yen-Ting Lin*. Implant Stability Quotients of Osteotome Bone Expansion and Conventional Drilling Technique for 4.1 mm Diameter Implant at Posterior Mandible. *Clinical Implant Dentistry and Related Research*. 2017 Apr, 19(2):253-260. (SCIE ; IF=3.097 ; DENTISTRY, ORAL SURGERY & MEDICINE, 11/91)
13. **Hsiang-Hsi Hong***, Chung-Chieh Chang, Adrienne Hong, Heng-Liang Liu, Yen-Li Wang, Shih-Hao Chang, and Tzung-Hai Yen. Decreased Amount of Supporting Alveolar Bone at Single-Rooted Premolars Is Under Estimated by

- 2D Examinations. *Scientific Reports*, 2017 Apr 3;8: 45774(SCIE ; IF=4.122 ; MULTIDISCIPLINARY SCIENCES, 12/64)
14. **Hsiang-Hsi Hong***, Heng-Liang Liu, Adrienne Hong, Pu Chao.
Inconsistency in the Crown-to-Root Ratios of Single-Rooted Premolars Measured by 2D and 3D Examinations. *Scientific Reports*, 2017 Nov 28;7(1):16484. (SCIE ; IF=4.122 ; MULTIDISCIPLINARY SCIENCES, 12/64)
 15. **Hsiang-Hsi Hong***, Adrienne Hong, Yi-Fang Huang, Heng-Liang Liu.
Incompatible amount of 3-D and 2-D periodontal attachments on micro-CT scanned premolars. *PLoS ONE*, 2018 Mar8;13(3):e0193894. (SCIE ; IF=2.766 ; MULTIDISCIPLINARY SCIENCES, 15/64)
 16. Jen-Fang Yu, Hsiang-Chi Hsien, Kun-Che Lee, Jimg-Hong Xiao, Hsiu-Hui Chiu, **Hsiang-Hsi Hong**, Yu-Fu Shen, Ying-Chin Peng*. Effect of mouth-opening levels on sound field gain in the ear canal. *The Journal of the Acoustical Society of America*. 2018 Mar;143(3):1451. (SCIE ; IF=1.605; ACOUSTICS,16/31)
 17. Yen-Li Wang, Adrienne Hong, Tzung-Hai Yen, **Hsiang-Hsi Hong***. Isolation of Mesenchymal Stem Cells from Human Alveolar Periosteum and Effects of Vitamin D on Osteogenic Activity of Periosteum-derived Cells. *Jove-Journal of Visualized Experiments*. 2018, May 4 ;(135) (SCIE ; IF=1.184; MULTIDISCIPLINARY SCIENCES, 31/64)
 18. Yi-Fang Huang*, Chung-Ta Chang, Chih-Hsin Muo, **Hsiang-Hsi Hong**, Yu-Fu Shen, Chia-Chang Lin, Shih-Ping Liu. The association of variables of fibular reconstructed mandible and bite force in oral cancer patients with dental implant rehabilitation. *Journal of Cranio-Maxillofacial Surgery*. 2018 Nov;46(11):1979-1983. (SCIE ; IF=1.960; DENTISTRY, ORAL SURGERY & MEDICINE, 31/91).
 19. **Hsiang-Hsi Hong**, Adrienne Hong, Yi-Fang Huang, Heng-Liang Liu*. Correction: Incompatible amount of 3-D and 2-D periodontal attachments on micro-CT scanned premolars. *PLoS One*. 2018; 13(12): e0209206.
 20. **Hsiang-Hsi Hong**, Adrienne Hong, Chun-Chieh Wang, E-Wen Huang, Cheng-Cheng Chiang, Tzung-Hai Yen*, I-Fan Huang. Calcitriol exerts a mineralization-inductive effect comparable to that of vitamin C in cultured human periodontium cells. *Am J Transl Res* 2019 Apr;11(4):2304-2316
 21. Shu-Ting Chang, Yu-Ting Wang , Yi-Chou Hou , I-Kuan Wang , **Hsiang-Hsi Hong** , Cheng-Hao Weng , Wen-Hung Huang , Ching-Wei Hsu and Tzung-Hai Yen * .Acute kidney injury and the risk of mortality in patients with methanol intoxication. *BMC Nephrology*, 2019 Jun, 20(1):205

22. Chung-Hsuan Ku, Wen-Hung Huang, Ching-Wei Hsu, Yu-Chin Chen, Yi-Chou Hou, I-Kuan Wang, **Hsiang-Hsi Hong**, Yen-Li Wang, Cheng-Hao Weng, Tzung-Hai Yen*. Incidence rate and predictors of globus pallidus necrosis after charcoal burning suicide. *Int J Environ Res Public Health*. 2019 Nov 12;16(22):4426
23. **Hsiang-Hsi Hong**, Chih-Chun Mei, Heng-Liang Liu, Chao-Hua Liang, Ching-Kai Lin, Fu-Ying Lee, Chung-Chieh Chang*. The correspondence of 3D supporting bone loss and crown-to-root ratio to periodontitis classification. *J Clin Periodontol*, 2020 Jul;47(7):825-833

非 SCI 其他專科期刊

24. Suefang Kung Wu, **Hsiang-Hsi Hong**, Chuen-Chyi Tseng, Yi-Min Tsai, Jia-Bi Shih, Yao-Dung Hsieh *. The Briefing on the Biofunction of the Newly Innovated SLActive Implant. *中華民國牙周病醫學會雜誌*; 2005, 10(3):253-258.
25. Chao-Hua Liang, Philip Trackman, and **Hsiang-Hsi Hong***. Detection of lysyl oxidase in phenytoin-induced gingival overgrowth. *Chinese J Periodontol*, 2007, 12(4):279-289.
26. Song-Bor Kuo *, **Hsiang-Hsi Hong**, Yi-Fen Chen, Erh-Chung Zen, Tsung-Po Tsai, Yen-Hsiang Chang, Yu-Fu Shen, Chou-Bing Wu. Legal effects of different versions dental clinical practice guidelines. *中華民國齒顎矯正學雜誌*, 2008; 20(1):16-22.
27. Chun-Ya Chan, **Hsiang-Hsi Hong***. Applying a modified mucoperiosteal flap technique to treat periodontal defect and increase keratinized attached gingiva: two cases report. *台灣牙周病醫學會雜誌*; 2009. 14(1):33-41.
28. Ying-chin Peng, **Hsiang-Hsi Hong***, Song-bor Kuo, Yu-fu Shen, Yang-ming Chang. Factors affecting primary implant stability examined by resonance frequency analysis. *Taiwan Journal of Oral and Maxillofacial Surgery*, 2009 Dec; 20: 244-255.
29. Chun-Yeh Ho, Song-Bor Kuo, Ying-chin Peng, **Hsiang-Hsi Hong**, Tsung-po Tsai, Yang-Ming Chang. Actinic cheilitis – a case report. *Taiwan Journal of Oral and Maxillofacial Surgery*, 2009. 20: 300-308.
30. Yan-Ting Lin, Yu-Lan Huang, Song-Bor Kuo, Ying-Chin Peng, **Hsiang-Hsi Hong***. The signs and symptoms of a localized periodontal destruction over maxillary incisors due to an iatrogenic application of elastic band. *台灣牙周病醫學會雜誌*, 2009; 14(3):155-163.

31. Yi-Fang Huang, **Hsiang-Hsi Hong**, Yu-Fu Sheen, Yang-Ming Chang*. Additional supplementary support of a short implant for the dental cantilever partial prosthesis. *Taiwan Journal of Oral and Maxillofacial Surgery*, 2010, 21: 261-270.
32. Yan-Ting Lin, Yu-Chen Huang, Li-Hui Li and **Hsiang-Hsi Hong***. A comparison of osteotome technique and conventional bone preparation on implant stability quotient value in the posterior mandible. *Taiwan Journal of Oral and Maxillofacial Surgery*, 2011 Dec; 22: 247-256.
33. Yan-Ting Lin, Yu-Lan Huang, Shih-Hao Chang, and **Hsiang-Hsi Hong***. Sequelae of Iatrogenic periodontal destruction associated with elastics and permanent incisors : literature review and report of three cases. *Pediatric dentistry*, 2011 Nov-Dec; 33(7):516-521.
34. Comparing the efficacy of Chinese herbal mouthrinses and chlorhexidine
35. Mini Implant-Assisted Single Denture: A Case Report. Shih-Han Chen, **Hsiang-Hsi Hong**, Kuang-Wei Hsu. 台灣牙周醫誌 2012, 17(3):290
36. mouthrinses on supragingival plaque, teeth surface staining and gingivitis inhibition. Chao-Wei Liu, Yan-Ting Lin, **Hsiang-Hsi Hong***. 社團法人桃園市牙醫師公會牙醫月刊.2014, 21(10):10-13.
37. Ho-Chun Yeh*, Ying-Chin Peng, Yang-Ming Chan, Song-Bor Kuo, Pei-Hua Lu, **Hsiang-Hsi Hong***. Using Resonance Frequency Analysis to Study Factors Affecting Maxillary Dental Implant Stability. *Taiwan Journal of Oral and Maxillofacial Surgery*.2014 Sep, 25(3) : 159-167.
38. Pei-Hsuan Lin, **Hsiang-Hsi Hong***. Gingival Fibromatosis Associated with Zimmermann-Laband Syndrome: A Case Report. 臺灣牙周病醫學會雜誌 ; 2014; 19(3):238-247.
39. Effect of localized Vitamin D3 Treatment on the Alveolar Bone Regeneration in Dogs. Hsiao-Han Ho, Ting-An Chou, **Hsiang-Hsi Hong***. 社團法人桃園市牙醫師公會牙醫月刊.2015, 22(1):51-53.
40. Root surfaces of maxillary and mandibular first premolar measured by dental laser scan. Yu-Ying Su, **Hsiang-Hsi Hong***. 社團法人桃園市牙醫師公會牙醫月刊.2015, 22(1):54-57.
41. Using Dental Laser Scans to Determine the Association of Vertical Periodontal Attachment Loss and Root Surface Area in Human Premolars. Chung-Chieh Chang, **Hsiang-Hsi Hong***. 台灣牙周醫誌 2015, 20(4):369
42. Osteoinductive Effects of Calcitriol on the Mesenchymal Stem Cells Derived from Human Alveolar Periosteum. Hsiao-Han Ho, **Hsiang-Hsi Hong**, Yen-Li Wang 台灣牙周醫誌 2015, 20(4):370
43. Osteoinducve Effects of Calcitriol on Mesenchymal Stem Cells Derived from

- Human Alveolar Periosteum. Yen-Li Wang, **Hsiang-Hsi Hong***. 社團法人桃園市牙醫師公會牙醫月刊.2016, 22(4):45-49.
44. Relating Root Surface Area to Periodontal Attachment by Micro-Computed Tomography Human Premolars. Chung-Chieh Chang, Hsiang-Hsi Hong. 社團法人桃園市牙醫師公會牙醫月刊. 2016, 22(4):50-52.
 45. Chung-Chieh Chang, Shih-Hao Chang*, Hsiao-Jung Tseng, **Hsiang-Hsi Hong**, Yen-Ting Lin, Yu-Chen Hung. Prevalence and Location of Maxillary Sinus Septa and the Relationship with the Absence of Molars and Sinus Pneumatization. *Taiwan Journal of Oral and Maxillofacial Surgery*. 2017 Mar, 28(1):13-23.
 46. Regulation of mineralization-related mRNA expressions by enamel matrix derivative and Vitamin C in human periodontal ligament derived cells. Chih-Chun Mei, Hsiang- Hsi Hong. 社團法人桃園市牙醫師公會牙醫月刊. 2018, 23(1):36-39.
 47. Biomarker expressions of the calcitriol and enamel matrix derivative regulated periodontal cells. Chih-Chun Mei, Hsiang- Hsi Hong. 社團法人桃園市牙醫師公會牙醫月刊

Presentations:

Oral presentation 1998-2004

1. “Biological width” at CGMH/Taipei in1999
2. “Treatment of furcation involvement teeth” at CGMH in 1999
3. “Platelet rich plasma- Part I” at CGMH in 2000
4. “Platelet rich plasma- Part-II” at CGMH in 2001
5. “The biological responses of peri-implant tissues to dental implant” at Tao-Yuan Dental association 桃園縣牙醫師公會 on 05/19/2002
6. “Biological width of dental implant” at Taipei Medical University in 2002
7. “Considerations& application of collagen derivatives” at Taipei Medical University on 11/30/2000
8. “Emergence Profile” at CGMH on 04/17/2002
9. “Periodontal treatment planning” at CGMH on 08/05/2002
10. “固定義齒之牙周考量” at CGMH on 10/01/2002
11. “固定假牙應印模前軟組織之處理” at CGMH on 02/24/2003
12. “Biological axial contour study report” at CGMH on 04/30/2003
13. “Periodontal treatment planning” at CGMH on 07/28/2003
14. “Chronic periodontitis- one of most common human disease” at CGMH on 03/15/2003

15. "Physiological remodeling of the supra-crestal tissues around dental implant - Saucerization" at the 26th Academic Seminar of Association for Dental Science in Taipei on 09/07/2003
16. "Histology & Anatomy (I)" at CGMH on 09/16/2003
17. "Periodontal diagnosis & periodontal classification" at CGMH on 09/30/2003
18. "Histology & Anatomy (II)" at CGMH on 09/23/2003
19. "Periodontal examination & charting" at CGMH on 09/23/2003
20. "Histology & Anatomy (III)" at CGMH on 09/30/2003
21. "Plaque-associated periodontal disease" at CGMH on 09/30/2003
22. "Antimicrobial treatment of periodontal disease" at CGMH on 10/14/2003
23. "Chemotherapy: Antimicrobial agents" at CGMH on 10/14/2003
24. "Oral hygiene instructions and motivation" at CGMH on 10/21/2003
25. "Implants (I) & (II)" at CGMH on 11/11/2003 & 11/18/2003
26. "Biology of gingival and Biology of periodontium" at CGMH on 11/04/2003
27. "TMJ Disorders and treatment" at CGMH on 11/25/2003
28. "Emdogain guided regeneration" at CGMH on 12/23/2003
29. "Immunology (I)" at CGMH on 12/09/2003
30. "Dental treatment of a Laband syndrome with recurrent gingival fibromatosis- A case report" at the 25th Academic Seminar of Association for Dental Science in Taipei on 09/06/2003
31. "Periodontal maintenance" at CGMH on 01/06/2004
32. "固定假牙應印模前軟組織之處理" at CGMH on 09/23/2004
33. "Periodontal approaches in medically complex patients"- "Periodontitis and systemic disease" at CGMH on 02/14/2004
34. "Guided tissue regeneration" at CGMH on 04/13/2004
35. "Stage I surgery" at CGMH on 03/09/2004
36. "Pharmacologic consideration (I) & (II)" at CGMH on 09/21/2004
37. "Use of antibiotics in periodontal therapy" at CGMH on 10/19/2004
38. "Root resection" at CGMH on 10/19/2004
39. "Osseous surgery" at CGMH on 11/16/2004
40. "Crown lengthening" at CGMH on 11/23/2004
41. 18 lectures for graduated students in literature review course at CGMH/CMU for 2nd semester of 2004 academic calendar year .

2005-2013

42. Clinical Periodontal Prosthodontics II at CGMH/CMU 2007 顱顏口腔醫學研究所

43. Non-plaque induced periodontal pathology and final examination at CGMH/CMU
44. Clinical Periodontal Prosthodontics I at CGMH/CMU 顱顏口腔醫學研究所
45. Clinical Periodontology (I) at CGMH/CMU 顱顏口腔醫學研究所)
46. Advanced Research in Periodontology (I), (II) and (III) at CGMH/CMU 顱顏口腔醫學研究所

2014 – 2018

47. 牙科植體學 History and evolution of dental implants on 2014/09/24, 2015/02/25, 2015/09/16, 2016/ 02/24, 2016/09/14; 2017/02/22.
48. 牙科植體學 Implant Biomaterials on 2014/10/01, 2015/03/04, 2015/09/23, 2016/03/02, 2016/09/21, 2017/03/01.
49. 牙科植體學 Treatment planning of implant treatment on 2014/10/08, 2015/03/11, 2015/09/30, 2016/03/09, 2016/09/28, 2017/03/08.
50. 牙科植體學 Stage I surgery on 2014/10/15, 2015/03/18, 2015/10/07, 2016/03/16, 2016/10/05, 2017/03/15.
51. 牙科植體學 Soft tissue management on 2014/10/22; 2015/03/25, 2015/10/14, 2016/03/23, 2016/10/12, 2017/03/22.
52. 牙科植體學 Ridge augmentation and preservation on 2014/10/29, 2015/04/01, 2015/10/21, 2016/03/30, 2016/10/19, 2017/03/29.
53. 牙科植體學 Intraoral Autogenous Bone Grafts for Implant Placemen on 2014/11/05, 2015/04/08, 2015/10/28, 2016/04/06, 2016/10/28, 2017/04/05.
54. 牙科植體學 Sinus lift procedure on 2014/11/12, 2015/04/15, 2014/11/04, 2015/11/04, 2016/04/15, 2015/11/04, 2017/04/12.
55. 牙科植體學 Assessment of implant stability with RFA on 2014/11/19, 2015/04/22, 2015/11/11, 2016/04/20, 2016/11/09, 2017/04/19.
56. Clinical Periodontology (I): Morphology of tooth, anatomy of periodontal tissue at CGMH/CMU on 2016/09/19, 2018/09/10.
57. Clinical Periodontology (I): Prevalence and classification of periodontal disease at CGMH/CMU on 2016/10/03, 2018/09/17.
58. Clinical Periodontology (I): Dental plaque & calculus at CGMH/CMU on 2016/10/03, 2018/09/25.
59. Clinical Periodontology (I): Other etiology & contributing factors of periodontitis at CGMH/CMU on 2016/10/31, 2018/10/01.
60. Clinical Periodontology (I): Smoking and periodontitis at CGMH/CMU on 2016/10/31, 2018/10/08.
61. Clinical Periodontology (I): Diabetes and periodontitis at CGMH/CMU on

- 2016/11/14, 2018/10/15.
62. Clinical Periodontology (I): Cardiac disease and periodontitis at CGMH/CMU on 2016/11/28, 2018/10/22.
 63. Clinical Periodontology (I): Chronic periodontitis at CGMH/CMU on 2016/12/12, 2018/10/29.
 64. Clinical Periodontology (I): Periodontal abscess, necrotizing periodontal disease at CGMH/CMU on 2016/11/26, 2018/11/05.
 65. Clinical Periodontology (I): Final examination at CGMH/CMU on 2017/01/09, 2018/11/12.
 66. Micro CT: Introduction (1) on 2016/05/17, 2018/05/19 at CMU
 67. Micro CT: Clinical Application (2) on 2017/04/25, 2018/05/19 at CMU
 68. Clinical Periodontology (II): Clinical examination on 2017/02/20, 2018/11/19 at CGMH/CMU
 69. Clinical Periodontology (II): Radiographic interpretation on 2017/02/20, 2018/11/26 at CGMH/CMU
 70. Clinical Periodontology (II): Ridge preservation on 2017/04/10, 2018/12/03 at CGMH/CMU,
 71. Clinical Periodontology (II): Wound healing on 2017/04/10, 2018/12/10 at CGMH/CMU
 72. Clinical Periodontology (II): Osseous surgery on 2017/04/24, 2018/12/17 at CGMH/CMU
 73. Clinical Periodontology (II): Bone grafts on 2017/05/08, 2018/12/22 at CGMH/CMU
 74. Clinical Periodontology (II): Enamel derivative matrix on 2017/05/22, 2018/12/24 at CGMH/CMU
 75. Clinical Periodontology (II): Mucogingival therapy on 2017/06/05, 2018/12/24 at CGMH/CMU
 76. Clinical Periodontology (II): Final examination at CGMH/CMU on 2017/06/19, 2019/01/07
 77. Designing a clinical trial on 2017/11/17, 2018/11/09 at CMU

Poster Presentation

1. “The roles of lysyl oxidase and TGF-B1 in gingival overgrowth in vitro” By H-H Hong and P.C. Trackman.at the Annual Conference of American Association of Dental Research in 1998
2. “Combined hemisection with mineral trioxides aggregates and bone graft to treat a geminated maxillary lateral incisor: A case report” at National Taiwan University on 11/01/2003 by Yen-Ting Lin and Hsiang-Hsi Hong

3. "An aggressive periodontal destruction at upper anterior teeth caused by iatrogenic application of elastics" in 2008 by Yen-Ting Lin and Hsiang-Hsi Hong
4. "Applying Resonance Frequency Analysis to Analyze the Primary Stability of Mandibular Posterior Implants Installed by Two Different Surgical Techniques" in 2013 by Yen-Ting Lin and Hsiang-Hsi Hong
5. "The potential effects of cholecalciferol on bone regeneration in dog" in 2010 by Hsiang-Hsi Hong, Ting-An Chou, Shih-Hao Chang
6. "Potential effects of calcitriol on bone regeneration in dog" in 2011 by Hsiang-Hsi Hong, Ting-An Chou,
7. "Effects of localized vitamin D3 treatment on alveolar bone regeneration in dogs" in 2013 by Hsiang-Hsi Hong and Ting-An Chou,
8. "The implant stability quotient values of posterior mandibular implant produced by bone expansion and conventional drilling techniques" in 2016 by Yen-Ting Lin and Hsiang-Hsi Hong
9. "Potential osteoinductive effects of calcitriol on the m-RNA of mesenchymal stem cells derived from human alveolar periosteum." by Hsiang-Hsi Hong and Yen-Li Wang in 2017
10. "Using dental laser scan to determine the association of vertical periodontal attachment loss and root surface area in human premolars" in 2017 by Hsiang-Hsi Hong and Chung-Chieh Chang
11. "Referring crown-to-root ratio and root surface area to assess periodontitis severity and prognosis" in 2018 by Hsiang-Hsi Hong and Chung-Chieh Chang
12. "Incompatible amount of 3-D and 2-D periodontal attachments on micro-CT scanned premolars." in 2018 by Hsiang-Hsi Hong and Chung-Chieh Chang
13. "Assorted effects of vitamin D₃ and enamel matrix derivative on biomarkers expression for mineralization differentiation" by Hsiang-Hsi Hong and Chih-chun Mei in 2018 at Academy of American Periodontology
14. "Calcitriol stimulates mineralization related m-RNAs on human periodontal ligament derived cells" by Hsiang-Hsi Hong and Chih-chun Mei in 2018
15. "Implant Stability Quotients of Osteotome Bone Expansion and Conventional Drilling Technique for ≥ 4.1 mm Diameter Implant at Posterior Maxilla" by Chih-chun Mei and Hsiang-Hsi Hong in 2018
16. "Dissimilar effects of vitamin D3 (Calcidiol) and enamel matrix derivative on biomarkers expression for periodontal regeneration" by Chih-chun Mei and Hsiang-Hsi Hong in 2018
17. "Applying crown-to-root ratio and root surface area to assess severity of periodontitis and tooth prognosis" by Hsiang-Hsi Hong and Chung-Chieh Chang in 2018

18. “Dissimilar effects of vitamin D3 (Calcidiol) and enamel matrix derivative on biomarkers expression for periodontal regeneration” by Chih-chun Mei and Hsiang-Hsi Hong in 2019
19. “Biomarker expression of the calcitriol and enamel matrix derivative regulated periodontal cells” by Chih-chun Mei and Hsiang-Hsi Hong in 2019
20. “Influence of osteotome bone condensation and expansion technique compared to conventional drilling technique on implant stability quotients for implants at posterior maxilla” by Chih-chun Mei and Hsiang-Hsi Hong in 2019
21. “The exploration of the convergent angles of tapered implants with analysis of bicuspid roots“ by Bo Lun Lin, Chih-chun Mei and Hsiang-Hsi Hong in 2020

Honor &/or Awards :

1. 2011/11 啟源文教基金會第八屆張文魁醫師牙周病科論文獎助學金第二名
2. 2013/03 THE 3rd ASIA PACIFIC ACADEMY OF IMPLANT DENTISTRY INTERNATIONAL CONGRESS Certificate of Poster Award
3. 2014 年台灣高露潔獎學金臨床組第二名
4. 2015 年台灣牙周病醫學會年會論文海報貼示優勝獎臨床研究組第二名
5. 2015 年社團法人桃園牙醫師公會壁報論文比賽醫院組第三名
6. 2016 年社團法人桃園牙醫師公會大會論文報告評選醫院組第一名
7. 2018 年桃園牙醫師公會:第二名
8. 2018 年新北、台北聯合牙醫師公會:第三名
9. 2019 雙北大會學術論文貼示競賽獎第二名
10. 2019 社團法人桃園市牙醫師公會第 23-2 次會員大表大會壁報論文比賽醫院組佳作
11. 2019 社團法人桃園市牙醫師公會第 23-2 次會員大表大會壁報論文比賽醫院組第二名
12. 2019.04 Presented by the 6th Asia Pacific Academy of Implant Dentistry International Congress to Reconstruction the bone defects caused by peri-implantitis and/or periodontitis case series and literature review. In recognition of the outstanding performance as the 1st Place in the APAID Academic Poster Presentations Clinical Study Category.