

*吳友仁醫師

所有發表期刊論文及研討會論文

(A)期刊論文

Local Publications:

---First Author:

1. **Wu YJ**, Yu-Ching Wang, Shay-Min Huang, Yu-Kang Tu, Chiu-Po Chan. Idiopathic gingival fibromatosis: A case report. Chin J Periodontol, 8: 25-32, 2003.
2. **Wu YJ**, Yu-Kang Tu, Shay-Min Huang, Chiu-Po Chan. The influence of the distance from the contact point to the crest of bone on the presence of the interproximal dental papilla. Chang Gung Med J, 26: 822-828, 2003.
3. **Wu AY**, Wu PN. The application of transitional implant in periodontology and prosthetic dentistry – literature review. Chin J Periodontol, 12: 157-165, 2007.
4. **Wu AY**, Chia-Jung Lin, Li-Wen Lai. Immediate implant placement and immediate loading of a fixed partial denture in anterior mandibular region – case report. Chin J Periodontol, 12: 211-220, 2007.
5. **Wu AY**. The preliminary results of using Hertwig's epithelial root sheath (HERS) cells for tissue engineering in periodontal regeneration. Chin J Periodontol, 12: 273-278, 2007.

Local Publications:

---Co-Author:

1. Yu-Kang Tu, **Wu YJ**, Shi-Min Hsu, Chi-Tsong Sun, Chiu-Po Chan. The impact of misuses of statistics on the clinical factors affecting the outcomes of periodontal regeneration. Chin J Periodontol, 8: 57-69, 2003.

Local Publications:

---Corresponding Author:

1. Jian-Yu Huang, Ling Auyeug, **Wu AY** Mental nerve paresthesia associated with free gingival graft procedure Literature review and a case report. J Taiwan Periodontol, 17(4): 349-359, 2012

International Publications:

---First Author:

1. **Wu AY**, Chee W. Use three transitional implants as stabilization aid for predictable immediate loading of implants in edentulous mandible. Quintessence Int, Sep; 37 (8): 627-31, 2006. (SCI)
2. **Wu AY**, Donovan TE. The use of vacuum-formable resin sheets as spacers for putty wash impressions. J Prosthet Dent, Jan; 97 (1): 54-5, 2007. (SCI)

3. **Wu AY**, Chee W. Implant supported reconstruction of a patient with generalized aggressive periodontitis. A case report. J Periodontol, Apr; 78 (4): 777-82, 2007. (SCI)
4. **Wu AY**, Donovan TE. A modified one-step putty-wash impression technique. J Prosthet Dent, Sep; 98 (3): 245-6, 2007. (SCI)
5. **Wu AY**, Donovan TE. Engaging the physiological posterior palatal seal with the framework of a maxillary complete overdenture. J Prosthet Dent, Mar; 101(3): 214-5, 2009. (SCI)
6. **Wu AY**, Huang HL, Hsu JT, Chee W. Biomechanical effects of the implant material and implant-abutment interface in immediately loaded small-diameter implants. Clin Oral Invest, May; 18(4): 1335-41, **2014** (SCI)
7. **Wu AY**, Hsu JT, Huang HL. An in vitro biomechanical evaluation of a new commercial titanium-zirconium alloy dental implant: a pilot study. Implant Dent, Oct; 23(5): 534-8, **2014** (SCI)

---Co- Author:

1. Ju YR, Tsai AH, Wu YJ, Pan WL. Surgical intervention of mucosal fenestration in a maxillary premolar: a case report. Quintessence Int, Feb; 35(2): 125-8, 2004.
2. Liu C, Tsai MT, Huang HL, Chen MY, Hsu JT, Su KC, Chang CH, **Wu AY**. Relation between insertion torque and bone-implant contact percentage: an artificial bone study. Clin Oral Investig. Dec;16(6):1679-84, 2012 (SCI)
3. Chang YY, Huang HL, Lai CH, Hsu JT, Shieh TM, **Wu AY**, Chen CL. Analyses of antibacterial activity and cell compatibility of titanium coated with a Zr-C-N film. PLoS One. 2013;8(2):e56771. doi: 10.1371/journal.pone.0056771. Epub 2013 Feb 19. (SCI)
4. Huang HL, Tsai MT, Su KC, Li YF, Hsu JT, Chang CH, Fuh LJ, **Wu AY**. Relation between initial implant stability quotient and bone-implant contact percentage: an in vitro model study. Oral Surg Oral Med Oral Pathol Oral Radiol. Nov; 116(5): e356-61, 2013 (SCI)
5. Hsu JT, Huang HL, Tsai MT, **Wu AY**, Tu MG, Fuh LJ. Effects of the 3D bone-to-implant contact and bone stiffness on the initial stability of a dental implant: micro-CT and resonance frequency analyses. Int J Oral Maxillofac Surg. Feb;42(2):276-80 2013 (SCI)
6. Ming-Tzu Tsai, Yin-Yu Chang, Heng-Li Huang, Jui-Ting Hsu, Ya-Chi Chen, **Wu AY**. Characterization and antibacterial performance of bioactive Ti-Zn-O coatings deposited on titanium implants. Thin Solid Films, 528:143-150, 2013. (SCI)

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1. Wu SP, **Wu AY**. The use of vacuum-formed plastic sheets to create reservoir space for fluoride trays. *J Prosthet Dent*, Feb; 101(2): 144-5, 2009. (*SCI*)

(B) 研討會論文

1. Prevention of early childhood caries. Research Symposium of Association For Dental Sciences, Republic of China, Taipei, Taiwan, May. 3, 1999. Poster.
2. Cemental tear as a contribution factor in periodontal breakdown – Case report. Research Symposium of Academy of Periodontology, Republic of China, Taichung, Taiwan, Nov. 4, 2000. Oral.
3. Surgical treatment of labial mucosal fenestration combined with localized gingival recession. Research Symposium of 23rd Asia Pacific Dental Congress (APDC) Scientific Program & Association For Dental Sciences, Republic of China, Taipei, Taiwan, April 7-11, 2001. Poster.
4. The surgical treatment of labial mucosal fenestration of an upper first premolar – Case report. Research Symposium of Academy of Periodontology, Republic of China, Taipei, Taiwan, Nov. 17, 2001. Oral.
5. The effect of the distance from the contact point to the crest of bone on the presence or absence of the interproximal dental papilla. Research Symposium of Academy of Periodontology, Republic of China, Kaohsiung, Taiwan, Dec. 2, 2002. Poster.
6. The esthetic concern, late failure & full mouth reconstruction of dental implants. (Continue Education) Dental Association of Chiayi County, Chiayi, Taiwan, Oct. 1, 2006. Oral.
7. The application of transitional implant in periodontology and prosthetic dentistry. Research Symposium of Academy of Oral Implantology, Republic of China, Taipei, Taiwan, Oct. 5, 2007. Oral.
8. The use of vacuum-formed resin sheets as reservoirs for fluoride tray. Research Symposium of Association of Family Dentistry, Republic of China, Taipei, Taiwan, Mar. 23, 2008. Poster.
9. The use of die spacer to create the generalized space as reservoirs for customized fluoride tray. Research Symposium of Association For Dental Sciences, Republic of China, Taipei, Taiwan, Nov. 28, 2008. Poster.
10. Heng-Li Huang, Jui-Ting Hsu, Ming-Tzu Tsai, Lih-Jyh Fuh, Ming-Gene Tu and **Wu AY**, “Do Threaded Size and Surface Roughness Affect the Bone Stress and Bone-Implant Interfacial Sliding of Titanium Dental Implant?” World Congress on Engineering 2011 Vol III, London, U.K., 2011/07/06-08
11. Ming-Tzu Tsai, Yin-Yu Chang, Heng-Li Huang, Jui-Ting Hsu, Ya-Chi Chen, **Wu AY**. “Characterization and antibacterial performance of bioactive Ti-Zn-O coatings

deposited on titanium implants”, 39th The International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, 2012/04/23-27.

12. **Wu AY**, Yun-Te Lin, Jui-Ting Hsu, Heng-Li Huang. “ Biomechanical comparison of different materials (commercial pure Titanium versus Titanium-Zirconium alloy) of dental implants”, The 3rd International Conference on Engineering and Applied Science (2013 ICEAS), Tokyo, Japan, 2013/03/15-17.