

\*陳威志醫師

所有發表期刊論文及會議論文

**Publication:**

- 1. Wei-Chih Chen**, Shang-Won Yu, I-Chuan Tseng, Juin-Yih Su, Yuan-Kun Tu, Wen-Jer Chen, [**Treatment of undisplaced femoral neck fractures in the elderly**], *Journal of Trauma-Injury Infection & Critical Care*, 58(5):1035-9, 2005.
2. Chi-Chien Hu, Sandeep Agrawal, Kuo-Yao Hsu, Yen-Chiu Liang, **Dave Weichih Chen**, Steve WN Ueng, Mel S Lee, [Favorable Isokinetic Hamstring/Quadriceps Ratio Following Medial Approach as compared to Median Parapatellar Approach in Primary Total Knee Arthroplasty], *J. Orthop Surg Taiwan*, 25(1):7-11, 2008.
3. Chih-Chien Hu, Wen-E Yang, Yu-Han Chang, **Dave W. Chen**, Steve W Ueng, Mel S Lee, [Fluoroscopy Cannot Recognize Intraoperative Fracture in Patients Receiving 2-Incision Total Hip Arthroplasty], *J Arthroplasty*, V23(7): 1031-1036, 2008.
4. Yuhan Chang, Chi-Chien Hu, **Dave W. Chen**, Steve W.N. Ueng, Chun-Hsiung Shih, Mel S. Lee, [Local Cancellous Bone Grafting for Osteonecrosis of the Femoral Head], *Surgical Innovation*, V16(1): 63-67, 2009.
5. **Dave Weichih Chen**, Chih-Chien Hu, Yu-Han Chang, Wen-E. Yang, Mel S. Lee, [Comparison of Clinical Outcome in Primary Total Hip Arthroplasty by

- Conventional Anterolateral Transgluteal or 2-Incision Approach: A Retrospective, Case-Controlled Investigation With 2-Year Follow-Up], *J Arthroplasty*, V24(4):528-532, 2009.
6. **Chun-Chieh Chen, Chun-Li Lin, Wei-Chih Chen, Hsin-Nung Shih, Steve W.N. Ueng, Mel S. Lee**, [Vascularized Iliac Bone-Grafting for Osteonecrosis with Segmental Collapse of the Femoral Head], *J Bone Joint Surg Am*, 91:2390-2394, 2009.
7. **Dave W. Chen, Pang-Hsin Hsieh, Kuo-Chin Huang, Chih-Chien Hu, Yu-Han Chang, Mel S Lee**, [Continuous Intra-articular Infusion of Bupivacaine for Postoperative Pain Relief after Total Hip Arthroplasty: A Randomized, Placebo-controlled, Double-blind Study], *European Journal of Pain*, 14: 529-534, 2010.
8. **Y-H. Chang, H-N. Shih, D. W. Chen, M. S. Lee, S. W. N. Ueng, P-H. Hsieh**, [The concentration of antibiotic in fresh-frozen bone graft], *J Bone Joint Surg Br*, 92-B: 1471-1474, 2010.
9. **Fu-Ying Lee, Dave W. Chen, Chih-Chien Hu, Yu-Te Hsieh, Shih-Jung Liu, Err-Cheng Chan**, [In Vitro and In Vivo Investigation of Drug-Eluting Implants for the Treatment of Periodontal Disease], *AAPS PharmSciTech*, V12( 4): 1110-1115, 2011.

10. Yuhan Chang, Wen-Chien Chen, Pang-Hsin Hsieh, **Dave W. Chen**, Mel S. Lee, Hsin-Nung Shih, Steve W. N. Ueng, [The In Vitro Activities of Daptomycin-, Vancomycin-, and Teicoplanin-loaded Polymethylmethacrylate against Methicillin-susceptible, Methicillin-Resistant and Vancomycin-Intermediate Strains of *Staphylococcus aureus*], *Antimicrob Agents Chemother*, *V55(12)*: 5480-5484, 2011.
11. **Dave Wei-Chih Chen**, Jun-Yi Liao, Err-Cheng Chan, Shih-Jung Liu, [Novel biodegradable sandwich-structured nanofibrous drug-eluting membranes for repair of infected wounds: an in vitro and in vivo study], *International Journal of Nanomedicine*, *7*: 763–771, 2012.
12. Pang-Hsin Hsieh, Yuhan Chang, **Dave W. Chen**, Mel S. Lee, Hsin-Nung Shih, Steve W. N. Ueng, [Pain Distribution and Response to Total Hip Arthroplasty: A Prospective Observational Study in One Hundred and Thirteen Patients with End-stage Hip Disease], *J Orthop Sci*, *V17(3)*: 213-218, 2012.
13. **Dave W. Chen**, Yung-Heng Hsu, Jun-Yi Liao, Shih-Jung Liu, Jan-Kan Chen, Steve Wen-Neng Ueng, [Sustainable release of vancomycin, gentamicin and lidocaine from novel electrospun sandwich-structured PLGA/collagen nanofibrous membranes], *International Journal of Pharmaceutics*, *430*: 335–341, 2012.

14. **Dave W. Chen**, Chun-Li Lin, Chih-Chien Hu, Jhao-Wei Wu, Mel S. Lee, [Finite element analysis of different repair methods of Vancouver B1 periprosthetic fractures after total hip arthroplasty], *Injury, Int. J. Care Injured*, 43: 1061–1065, 2012.
15. Yi-Chuan Kau, **Dave Wei-Chih Chen**, Yu-Te Hsieh, Fu-Ying Lee and Shih-Jung Liu, [Compression molding of biodegradable drug-eluting implants for sustained release of metronidazole and doxycycline], *Journal of Applied Polymer Science*, Volume 127, issue 1 (5 January 2013), p. 554-560.
16. **Dave Wei-Chih Chen**, Fu-Ying Lee, Jun-Yi Liao, Shih-Jung Liu, Chao-Ying Hsiao, Jan-Kan Chen, [Preclinical Experiments on the Release Behavior of Biodegradable Nanofibrous Multipharmaceutical Membranes in a Model of Four-Wall Intrabony Defect], *Antimicrob. Agents Chemother.* **January 2013** vol. 57 no. 1, p. 9-14
17. **Dave W. Chen**, Chun-Li Lin, Chih-Chien Hu, Ming-Feng Tsai, Mel S. Lee, [Biomechanical consideration of total hip arthroplasty following failed fixation of femoral intertrochanteric fractures – A finite element analysis], *Medical Engineering & Physics*, 35 (2013), p. 569– 575
18. **Dave W. Chen**, Yuhan Chang, Pang-Hsin Hsieh, Steve W. N. Ueng, Mel S. Lee,

[The Influence of Storage Temperature on the Antibiotic Release of  
Vancomycin-Loaded Polymethylmethacrylate], *The ScientificWorld Journal*, vol.  
2013, p. 1-4

**Presentation:**

(1) **Wei-Chih Chen**, Shang-Won Yu, I-Chuan Tseng, Juin-Yih Su, Yuan-Kun Tu, Wen-Jer Chen, [**Treatment of undisplaced femoral neck fractures in the elderly**], *Annual Meeting of the Taiwan Orthopedic Association, Taipei, Oct. 2003.*

(2) **Dave W. Chen**, Lih-Huei Chen, Kuo-Yao Hsu, Wen-Jer Chen, Steve Wen-Neng Ueng, Mel S. Lee, [Impact of SARS on Orthopaedic practice -- experience from CGMH Taiwan], *Annual Meeting of the Taiwan Orthopedic Association, Taipei, Oct. 2005.*

(3) **Dave W. Chen**, Mel S. Lee, [Case report: Femoroacetabular impingement syndrome], *Northern Region Congress of the Taiwan Orthopedic Association, Taoyuan, July 2006.*

(4) **Dave W. Chen**, Ching Lung Tai, Mel S. Lee, [A three-dimensional finite element simulation of transtrochanteric rotational osteotomy for avascular necrosis of femoral head], *Annual Meeting of the Taiwan Orthopedic Association, Taipei, Oct. 2006.*

(5) **Dave W. Chen**, [Introduction of Hip Resurfacing], *New Trend in THA: Symposium and Live surgery, CGMH Taoyuan, Jan, 2007.*

(6) **Dave W. Chen**, [When Infection Meets Massive Bone Loss: the Use of Allograft & Choice of Prosthesis], *Symposium on Artificial Joint Infection: Live Surgery & Cement Spacer Workshop, CGMH Taoyuan, July, 2007.*

- (7) **Dave W. Chen**, Mel S. Lee, Steve Wen-Neng Ueng, [Dislocation following constrained total hip replacement -Literatures review and cases report], *Spring Annual Meeting of the Taiwan Orthopedic Association, Taichung, Apr. 2008.*
- (8) **Dave W. Chen**, et al. [Comparison of clinical outcome in primary total hip replacement by conventional anterolateral transgluteal or two-incision approach –A retrospective case-controlled investigation with 2-year follow-up], *Spring Annual Meeting of the Taiwan Orthopedic Association, Taichung, Apr. 2008.*
- (9) **Dave W. Chen**, [Hip resurfacing – Experience in CGMH], *Tangshan Academic Symposium of Orthopaedic & 10<sup>th</sup> National Courses of Microscopic, Oct. 2008.*
- (10) **Dave W. Chen**, Chun Li Lin, Mel S. Lee, [Management of Postoperative Periprosthetic Fracture Following Total Hip Arthroplasty~ a Clinical Review and FEA Study ~], *15<sup>th</sup> Triennial Congress of Asia Pacific Orthopaedic Association, Taipei, Taiwan, Oct. 2010.*
- (11) **Dave W. Chen**, [Management of Postoperative Periprosthetic Fracture Following Total Hip Arthroplasty~ a Clinical Review and FEA Study ~], *Annul meeting of Chinese Orthopaedic Promotion Society, Taipei, Taiwan, March, 2011.*
- (12) **Dave W. Chen**, Pang-Hsin Hsieh, [Multimodal Analgesia in THA], *Spring Annual Meeting of the Taiwan Orthopedic Association, Taipei, Apr. 2011.*
- (13) **Dave W. Chen**, [Choice of implant in THR: clinical decision], *Chang Gung Live Surgery Course in Hip and Knee Reconstruction, CGMH Taoyuan, July, 2011.*
- (14) **Dave W. Chen**, [Multi-modal pain management in TJR], *Chang Gung Live Surgery Course in Hip and Knee Reconstruction, CGMH Taoyuan, July, 2011.*
- (15) **Dave W. Chen**, [Management of Postoperative Periprosthetic Fracture Following Total Hip Arthroplasty~ a Clinical Review and FEA Study ~], *Spring*

*Annual Meeting of the Taiwan Orthopedic Association, HsinChu, Apr. 2012.*

(16) **Dave W. Chen**, [Preoperative planning & Surgical approach TKR: Indication/patient selection /approach], *Chang Gung Live Surgery Course in Joint Reconstruction, CGMH Taoyuan, June, 2012*

(17) **Dave W. Chen**, [Hot topic: Speedy recovery: pain control], *Chang Gung Live Surgery Course in Joint Reconstruction, CGMH Taoyuan, June, 2012*

(18) **Dave W. Chen**, [Multimodal Pain Control in TKA: What are Effective?!], *THIRD Annual Current Concepts in Knee Joint Replacement, Insall Club, Taipei, Taiwan, July, 2012*

(19) **Dave W. Chen**, [Evaluation of a painful hip replacement], *Resident Education Course in Joint Reconstruction, CGMH Taoyuan, August, 2012*

(20) **Dave W. Chen**, [Management of Paprosky type III acetabular defect with TM cup and semi-structure bone graft ~ Experience in CGMH ~], *Annual Meeting of the Taiwan Orthopedic Association, Taipei, November, 2012*

(21) **Dave W. Chen**, [Preoperative planning & Surgical approach TKR: Indication/patient selection /approach], *Chang Gung Live Surgery Course in Joint Reconstruction, CGMH Taoyuan, November, 2012*

(22) **Dave W. Chen**, [Hot topic: Speedy recovery: pain control], *Chang Gung Live Surgery Course in Joint Reconstruction, CGMH Taoyuan, November, 2012*

(23) **Dave W. Chen**, [Extraarticular sources of hip pain], *International Chang*



*Gung Hip Arthroscopy Course: Technique-Focus Video, Case Presentations and*

*Mini-Debate, CGMH Taoyuan, January, 2013*

(24) **Dave W. Chen**, [Management of Infections in TKA], *Special Lecture, TTY*

*Biopharm Taipei, January, 2013*

(25) **Dave W. Chen**, [Exposure Options in Knee Replacement], *2<sup>nd</sup> Stryker Hip &*

*Knee Course, CGMH Taoyuan, September, 2013*