

2020 年 11 月中區骨科月會

主辦單位：中華民國骨科醫學會、彰化基督教醫院骨科部

承辦單位：彰化基督教醫院骨科部

活動時間：2020 年 11 月 14 日 (六) 14:00-17:00

活動地點：彰化基督教醫院國際培訓中心 B1F 會議室 (彰化縣彰化市建寶街 20 號 B1)

時間	題目	講者
14 : 00 ~ 14 : 10	Opening	彰化基督教醫院骨科部主任 謝承樸 主任
14 : 10 ~ 15 : 10	Treatment of throwing elbow for the elite athletes	高雄長庚骨科系運動醫學科主任 行政院體育委員會國家運動選手訓練中心醫師 周文毅 主任
15 : 10 ~ 15 : 30	Role of orthopedic surgen in management of postoperative osteoporosis patients	彰化基督教醫院骨科部 陳秋涼 醫師
15 : 30 ~ 15 : 50	細胞療法	彰化基督教醫院骨科部 曾順承 醫師
15 : 50 ~ 16 : 10	Coffee Break	
16 : 10 ~ 16 : 30	Anterior based acetabulum fracture	彰化基督教醫院骨科部 羅佑晟 醫師
16 : 30 ~ 16 : 40	Frailty Is Associated with an Increased Risk of Major Adverse Outcomes in Elderly Patients Following Surgical Treatment of Hip Fracture	彰化基督教醫院骨科部 蔡杰欣 醫師
16 : 40 ~ 16 : 50	"Modified" Two-Bundle Technique with LARS Versus Hamstring Tendon Autograft in Anterior Cruciate Ligament Reconstruction. Three-Year Retrospective Study	彰化基督教醫院骨科部 蔣育璋 醫師
16 : 50 ~ 17 : 00	Closing	彰化基督教醫院骨科部主任 謝承樸 主任



彰化基督教醫院
Changhua Christian Hospital

CURRICULUM VITAE

Name: Wen-Yi, Chou (周文毅)

Education and training:

Medical student: Kaohsiung Medical College, Kaohsiung, Taiwan(1994-2000)

Internship :Medical student, Kaohsiung Medical College, Kaohsiung (2000-2001)

Military Service : Don-Ying, Ma-Tzu (2001-2003)

Residency : Department of Orthopaedic Surgery, Chang Gung Memorial Hospital at
Kaohsiung (July 2003- June 2008)

Employment:

July 2003- June 2008 Residency, Department of Orthopaedic Surgery,
Kaohsiung Chang Gung Memorial Hospital

July 2008 – May 2013 Attending, Sport Medicine, Department of Orthopaedic Surgery,
Kaohsiung Chang Gung Memorial Hospital ()

June 2013-2015 Chief, Sport Medicine, Department of Orthopaedic Surgery,
Kaohsiung Chang Gung Memorial Hospital

June 2013 ~ Present Chief, Sports medicine center, Kaohsiung Chang Gung Memorial
Hospital

July 2015- June 2020 Chief, Department of Orthopaedic Surgery
Kaohsiung Chang Gung Memorial Hospital

July 2014- June 2020 Assistant Professor, Kaohsiung Chang Gung Memorial Hospital

July 2020- Present Associate Professor, Kaohsiung Chang Gung Memorial Hospital

Board Certification:

2012 Board of Taiwan Osteoporosis Society

2009 Board of Taiwan Shoulder and Elbow Surgery Society

2008 Board of Orthopedic Association, ROC Board Certificate No.: 001605

2007 Board of Surgical Association, ROC Board Certificate No.:005711

Licensers: Chinese license No.:033531

Qualification :

Medical consultant :

Chinatrust Brothers Elephant, Chinese Professional Baseball League

President Unilion, Chinese Professional Baseball League

National Sports Training Center

National Team Physician :

2014 Nanjing Youth Olympic game

2014 Incheon Asian Game

2015 Gwangju Summer Universiade

2015 World Baseball Softball Confederation Premier 12 Baseball

2016 Rio Summer Olympic Game

2017 World Baseball Classic

2017 Taipei Summer Universiade

2018 Asian Game Jakarta Palembang

Research Interest: Orthopaedic Surgery, Orthopaedic Sports medicine, Extracorporeal shockwave therapy

Experimental Study:

Principal Investigator:

長庚研究計畫：

1. 2016/9/1~2017/8/31 初動負荷訓練於核心肌群與肢體功能改善之效果
The effect of beginning movement load training in functional improvement of extremities. (CMRPG8F0881)
2. 2017/1/1~2017/12/31 下肢初動負荷訓練對功能性運動與腦生理功能之綜合效益 Effects of Beginning Movement Load Training of Lower Limbs on Functional movement and Cerebral Physiological Function (CMRPG8G0041)
3. 2017/11/1~2018/10/31 台灣棒球選手之投擲動作分析與運動傷害之關聯性
Throwing motion analysis and injuries in Taiwanese baseball players (CMRPG8G1021)

科技部研究計畫：

2018/08/01~2019/07/31 體外震波於旋轉肌鈣化性肌腱炎預後因子與治療機轉之探討
Prognostic factor and mechanism of extracorporeal shockwave therapy in
calcific tendinitis of rotator cuff (NRRPG8H0011)

共同主持人：

2013/8/1~2014/7/31 體外震波對早期退化性膝關節炎的療效
(NSC 102-2314-B-182A-037)

2013/6/1~2016/5/31 震波醫學與組織再造研究中心-子計劃二：對肩僵直之體外震波生
物作用及前發炎細胞動素和大麻素受器之角色 (CMRPG8B1301-
3)

2016/4/1~2018/3/31 體外震波對早期退化性關節炎的療效 (CMRPG8E0151-2)

2019/8/1~2020/7/31 探討體外震誘導BMP7與Wnt3a的協同作用並促進關節軟骨缺損修
復的機轉(Study the shockwave induces the synergistic effect of
BMP7 and Wnt3a signaling pathways to repair knee osteochondral
defect) (NMRPG8J0141)

Bibliography

I. Publication:

1. Periacetabular osteotomy for painful non-paralytic dysplastic hip joints in adults affected by poliomyelitis
Lin TP, KO JY*, Chen SH, Wu RW, Wong To, **Chou WY**
Chang Gung Med J Nov.-Dec. 2007;30(6):504-12.
2. Surgical Results in Rotator Cuff Tears with Shoulder Stiffness
Hsu SL, Ko JY*, Chen SH, Wu RW, **Chou WY**, Wang CJ
Journal: Journal of the Formosan J Formos Med Assoc June 2007;106(6):452-61.
(SCI; IF=2.844; Medicine, General & Internal 35/160)
3. Spontaneous infective spondylitis and mycotic aneurysm: incidence, risk factors, outcome and management experience
Chen SH, Lin WC*, Lee CH, **Chou WY**
European Spine Journal March 2008;17(3):439-44. (SCI; IF=2.513; Orthopedics 23/76)
4. Cocktail therapy for hip necrosis in SARS patients
T Wong, Wang CJ*, Hsu SL, **Chou WY**, Lin PC, Huang CC
Chang Gung Med J Nov.-Dec. 2008;31(6):546-53.
5. Navigation-Assisted Total Knee Arthroplasty for a Knee with Malunion of the Distal Femur – Case report
Chou WY, Ko JY*, Wang CJ, Wang FS, Wu RW, Wong To
J of Arthroplasty Dec. 2008;23(8):1239 e13-19. (SCI; IF=3.524; Orthopedics 10/76)
6. Functional outcomes of bilateral hip necrosis: total hip arthroplasty versus extracorporeal shockwave
Chen JM, Hsu SL, Wong T, **Chou WY**, Wang CJ*, Wang FS
Archives of Orthop Trau Surg June 2009;129(6):837-41. (SCI; IF=1.973; Orthopedics 36/76)
7. Functional outcomes of arthroscopic posterior cruciate ligament reconstruction: comparison of anteromedial and anterolateral trans-tibia approach
Wong TO, Wang CJ*, Weng LH, Hsu SL, **Chou WY**, Chen JM, Chan YS
Arch Orthop Trauma Surg March 2009;129(3):315-21. (SCI; IF=1.973; Orthopedics 36/76)
8. Effect of Sodium Hyaluronate treatment on rotator cuff lesions without complete tear. A Randomized, double-blinded Placebo-controlled study
Chou WY, Ko JY*, Wang FS, Huang CC, Wong T, Wang CJ, Chang HE

Journal of Shoulder and Elbow Surgery June 2010;19(4):557-563.
(SCI; IF=2.865; Orthopedics 20/76)

9. Increased Dkk1 expression accelerates bone cell apoptosis in femoral head osteonecrosis
Ko JY, Wang FS*, Wang CJ, Wong T, **Chou WY**, Tseng SL
Bone March 2010;46(3):584-591.
(SCI; IF=4.360; Endocrinology & Metabolism 32/145)
10. Surgical Results of concomitant treatment of deltoid contracture and rotator cuff tear
Yin TC, Chen JM, Huang CC, Wang CJ, Wang FS, **Chou WY**, Ko JY
Injury March 2011;42:397-402. (SCI; IF=1.834; Orthopedics 40/76)
11. CCL5 and CCR5 interaction promotes cell motility in human osteosarcoma
Wang SW, Wu HH, Liu SC, Wang PC, Ou WC, **Chou WY**, Shen YS, Tang CH
PLoS One April 2012;7:E35101. (SCI; IF=2.776; Multidisciplinary Sciences 24/69)
12. Navigation-assisted total knee arthroplasty with normal pressure drainage reduces blood loss – a prospective comparative study of three modalities
Chou WY, Ko JY, Wong T, Wang FS, Siu KK.
Life Science Journal Feb. 2012;9:191-195.
13. Computer-assisted navigation system helps experienced surgeon improve outcome in total knee arthroplasty
Wong T, Chen SH, Ko JY, Wang FS, **Chou WY**, Chen CM
Life Science Journal Feb. 2012;9:185-190.
14. Extracorporeal shockwave therapy shows time-dependent chondroprotective effects in osteoarthritis of the knee in rats
Wang CJ, Sun YC, Wong T, Hsu SL, **Chou WY**, Chen CM
Journal of Surgical Research Nov. 2012;178:196-205
(SCI; IF=1.872; Surgery 104/203)
15. Preoperative templating and computer-assisted total knee Arthroplasty for arthritic valgus knee.
Chou WY, Siu KK, Ko JY*, Chen JM, Wang CJ, Wang FS, Wong T
Journal of Arthroplasty Dec. 2013;28:1781-1787
(SCI; IF=3.524; Orthopedics 10/76)
16. Increased IL-1 β levels in the subacromial fluid in the diabetes patients with rotator cuff lesions compared with the non-diabetes
Siu KK, Zheng LB, Ko JY*, Wang FS, Wang CJ, Wong T, **Chou WY**

Journal of Shoulder and Elbow Surgery Nov. 2013;22:1547-1551.
(SCI; IF=2.865; Orthopedics 20/76)

17. Shockwave therapy improves anterior cruciate ligament reconstruction
Wang CJ, Ko JY, **Chou WY**, Hsu SL, Ko SF, Huang CC, Chang HW
J Surgical Res 2014;188:110-8.
18. ESWT and alendronate sodium demonstrate equal protective effects in osteoarthritis of the knee
Wang CJ, **Chou WY**, Hsu SL, Huang CY, Cheng JH
Shock Waves 2016;26:53-62 (SCI; IF=1.424; Mechanics 95/134)
19. Changes of articular cartilage and subchondral bone after extracorporeal shockwave therapy in osteoarthritis of the knee
Wang CJ, Cheng JH, **Chou WY**, Hsu SL, Chen JH, Huang CY
Int J Med Sci 2017;14:213-223. (SCI; IF=2.333; Medicine, General & Internal 53/160)
20. Short-term clinical results of intra-articular PRP injections for early osteoarthritis of knee
Huang PH, Wang CJ, **Chou WY**, Wang JW, Ko JY
International Journal of Surgery May 2017;42:117-22. (SCI; IF=3.158; Surgery 40/203)
21. Evaluating posterior cruciate ligament injury by using two-dimensional ultrasonography and sonoelastography
Wang LY, Yang CS, Huang YC, **Chou WY**, Huang CC, Wang CJ
Knee Surg Sports Traumatol Arthrosc Oct. 2017;25(10):3108-15.
(SCI; IF=3.149; Orthopedics 13/76)
22. Prognostic factors for outcome of extracorporeal shockwave therapy for calcifying tendinitis
Chou WY, Wang CJ*, Wu KT, Yang YJ, Ko JY, Siu KK
Bone Joint Journal 2017 Dec. 99(12):1643-50. (SCI; IF=4.301; Orthopedics 6/76)
23. Comparative outcomes of extracorporeal shockwave therapy for shoulder tendinitis or partial tears of the rotator cuff in athletes and non-athletes
Chou WY*, Wang CJ, Wu GT, Yang YJ, Cheng JH, Wang SW
International Journal of Surgery 2018;51:184-90
(SCI; IF=3.158; Surgery 40/203)

24. Relationship between the social support and self-efficacy for function ability in patients undergoing primary hip replacement
Wu KT, Lee PS, **Chou WY***, Chen SH, Huang YT
Journal of Orthopaedic Surgery and Research 2018;13:150
(SCI; IF=1.907; Orthopedics 16/76)
25. Extracorporeal shockwave therapy for treatment of keloid scars
Wang CJ; Ko JY; **Chou WY**; Cheng JH; Kuo YR
Wound Repair and Regeneration 2018;26:69-76
(SCI; IF=2.850; Medicine, Research & Experimental 66/136)
26. Senescence Induces Dysfunctions in Endothelial Progenitor Cells and Osteoblasts by Interfering Translational Machinery and Bioenergetic Homeostasis
Wang GS, Shen YS, **Chou WY**, Tang CH, Yeh HI, Wang LY, Yen JY, Huang TY, Liu SC, Yang CY, Lin TY, Chen C, Wang SW
International Journal of Molecular Science 2018;19:1997
(SCI; IF=4.183; Chemistry, Multidisciplinary 46/172)
27. Effectiveness of Ultrasonographic Screening and Risk Factor Analysis of Capitellar Osteochondritis Dissecans in Adolescent Baseball Players.
Yang TH, Lee YY, Huang CC, Huang YC, Chen C, Hsu CH, Wang LY*, **Chou WY***
Journal of Shoulder Elbow & Surgery 2018;27:2038-44
(SCI; IF=2.865; Orthopedics 20/76)
28. Outcomes and Factors of Elbow Arthroscopy upon Returning to Sports for Throwing Athletes with Osteoarthritis
Jhan WS, **Chou WY***, Wu KT, Wang CJ, Yang YJ, Ko JY
Journal of Ortho Surgery and Research 2018;13:280
(SCI; IF=1.907; Orthopedics 16/76)
29. Ultrasonography has high positive predictive value for medial epicondyle lesions among adolescent baseball players
Lee YY, Yang TH, Huang CC, Huang YC, Chen PC, Hsu CH, Wang LY, **Chou WY***
Knee Surgery, Sports Traumatology, Arthroscopy Oct. 2019;27:2161-8.
30. Shockwave Targeting on Subchondral Bone Is More Suitable than Articular Cartilage for Knee Osteoarthritis
Chou WY, Jai-Hong Cheng*, Ching-Jen Wang*, Shan-Ling Hsu, Jen-Hung Chen,

Chien-Yiu Huang

International Journal of Medical Sciences 2019;16:156-66

(SCI; IF=2.333; Medicine, General & Internal 53/160)

31. Comparison efficacy of ESWT and wharton's jelly mesenchymal stem cell in early osteoarthritis of rat knee

Cheng JH, Wang CJ, Chou WY, Hsu SL, Chen JH, Hsu TC

American J of Translational Research 2019;11:586-98.

(SCI; IF=3.266; Medicine, Research & Experimental 58/136)

32. Extended extracorporeal shockwave therapy for chronic diabetic foot ulcers: a case series

Chou WY, Wang CJ, Cheng JH, Chen JH, Chen CJ, Kuo YR

Wounds-A compendium of clinical research and practice 2019;31:132-6

33. Early recovery of exercise-related muscular injury by HBOT

Chou WY, Chen JY, Ko JY, Lee MS, Wu RW

Biomed Research International 2019;2019:28938

34. High power poppler ultrasound score is associated with the risk of triangular fibrocartilage complex (TFCC) tears in severe rheumatoid arthritis

Chen JH, Huang FC, Huang CC, Lai HM, Chou WY, Chen EC

J of Investigative Med 2019;67:327-30

35. Efficacy of extracorporeal shockwave therapy on calcified and noncalcified shoulder tendinosis: a propensity score matched analysis

Wu KT, Chou WY*, Wang CJ, Chen JY, Ko JY, Chen PC, Cheng JH, Yang YJ

Biomed Research International 2019;2019:95825

36. Inferior outcome of rotator cuff repair in chronic hemodialytic patients

Wu KT, Chou WY*, Ko JY, Siu KK, Yang YJ

BMC Musculoskeletal Disorders 2019;20:209

37. Nonunion of subtrochanteric femur fracture managed by internal fixation and demineralized bone graft in a patient with pycnodysostosis

Kuo FC, Chou WY, Wang CJ, Wang TJ

Formosan J Musculo Dis 2019;19:79-82

II. Presentation:

1. Radial lengthening for Physeal Arrest of the Distal radius –A Case report

2004 Annual meeting of Orthopaedic Association, ROC on 2004 -10

2. Spondylitis Coexisting with Mycotic Aortic aneurysms --- A Report of 6 cases

2005 Spring Annual meeting of Orthopaedic Association, ROC , on 2005 April

3. Primary extranodal extranasal type NKT cell lymphoma of the humerus — A case report
2006 Spring Annual meeting of Orthopaedic Association, ROC, on 2006 April
4. Hip-Spine syndrome (Oral)2005 - 5 (南區骨科月會)
5. Comparative Results of Four Methods for the Treatment of Displaced Humeral Surgical Neck Fracture (oral)
2005 Annual meeting of Orthopaedic Association, ROC, on 2005 -10
6. Myofibroblasts and Their Apoptosis in Shoulder Stiffness Secondary to Rotator Cuff lesions
2006 Annual meeting of Orthopaedic Association, ROC , on 2006 - 10
7. Total knee arthroplasty : Navigation-assisted VS conventional (Oral) 2007-08 (南區外科醫學會月會)
8. Navigation-assisted TKA: first 100 cases at KCGMH
2008 Annual Taiwan Surgical Association, on 2008-3-29
9. Positive Pressure Drainage in Navigation-Assisted Total Knee Arthroplasty (Oral) 2008
2008 Annual meeting of Orthopaedic Association, ROC , on 2008-10
10. The efficacy of sodium hyaluronate for the treatment of rotator cuff lesions without completer tear – randomized double-blind placebo-controlled study (Poster) 2009-4-11 (5th World congress of Sports Trauma & 6th Asia-Pacific Orthopaedic Society for Sports Medicine Meeting)
11. Navigation-Assisted Total Knee Arthroplasty with Normal Pressure Drainage Improves Blood Loss
2009 Annual meeting of Orthopaedic Association, ROC , on 10-24-25, 2009
12. Navigation-assisted TKA improves blood loss
7th APOSSM, on July 2-4, 2010 at Okinawa, Japan
13. Neglected acute posterior sternoclavicular joint dislocation
2012 Annual meeting of Orthopaedic Association, ROC , on 10-27-28, 2012
14. Comparative Results of Three Surgical Methods for the Treatment of Displaced Humeral Surgical Neck Fracture
2013 Spring Annual meeting of Orthopaedic Association, ROC , on April 20, 2013
15. Injuries in High school baseball players. May 25, 2013 (南區骨科月會)
16. 中學棒球選手運動傷害
2012 Annual meeting of Orthopaedic Association, ROC , on 10-27-28, 2012
17. Combined intramedullary pinning, circlage wiring and plating for the early failure of distal clavicle fracture fixation

- 2014 Spring Annual meeting of Orthopaedic Association, ROC , on April 19, 2014
18. Clinical results of extracorporeal shockwave therapy in the patients with rotator cuff tendinitis
8th Academic Congress of the Asian Shoulder Association, at Philippines ,on Nov. 24-26, 2014
- 19.Shoulder instability
2016 Spring Annual meeting of Taiwan Shoulder & Elbow Society, on March 12, 2016
- 20.Prognostic factors of extracorporeal shockwave therapy in calcified tendinitis of the shoulder
2016 Spring Annual Meeting of Taiwan Orthopaedic Society at Taipei, on April 23, 2016
- 21.Non-operative treatment is the smartest
Comparative outcomes of extracorporeal shockwave therapy for the tendinitis of the shoulder in athletes and non-athletes
2016 Annual Meeting of Taiwan Orthopaedic Society at Taipei, On Oct. 22-23, 2016.
- 22.Application of exercise and PRP in degenerative musculoskeletal disorders
on March 19, 2017 (台灣骨鬆肌少症防治學會 2017 年度會員大會技學術研討會)
23. 棒壘球項目的運動傷害
2017 台灣運動醫學醫學會學術研討會, 台北, on July 30, 2017
- 24.Accelerating muscular enzyme recovery and pain mitigation of elite athletes using hyperbaric oxygen therapy
AMEC International Symposium on Medical and Health Technology 2017, at Japan, on Sept. 1-3, 2017.
- 25.Strategy for the SLAP II lesion in overhead athletes case presentation and discussion
2017 Annual Meeting of Taiwan Orthopaedic Society at Taipei, on Oct. 28-29, 2017.
- 26.(1)肩關節唇損傷手術後回到賽場的原則
2017Annual Meeting of Sport Medicine Association ROC at Taipei, on Oct. 28-29, 2017.
27. Extracorporeal shockwave therapy in early osteoarthritis of knee
TBMJ meeting at Taipei ,on March 25,2018,
28. Prognostic factors for the outcome of extracorporeal shockwave therapy for calcific tendinitis of the shoulder
XXI ISMST Congress 2018, at Auckland, on April 11, 2018.
29. (1) 運動醫學與傷害基本評估 (2)邊線醫學及賽場救護概論
2018Annual Meeting of Sport Medicine Association ROC at Taoyuan, on April 22, 2018
- 30.Efficacy of ESWT for shoulder tendinitis in athletes and non-athletes

第 45 回日本肩關節學會 at Osaka, on Oct. 19-20, 2018.

31. Is articular cartilage a good target for ESWT on early knee osteoarthritis?

2018 Annual Meeting of Taiwan Orthopaedic Society at Taipei, on Oct. 27-28, 2018.

32. Functional Outcome and Comparison Between Fixed angle and Adaptable Shoulder Hemiarthroplasty: a Two Years Follow-up

2018 Spring Annual Meeting of Taiwan Orthopaedic Society at Taichu, on April 13, 2018.

33. Stress fracture of lower ribs in professional pitchers: A report of two athletes

2018 Spring Annual Meeting of Taiwan Orthopaedic Society at Taichu, on April 13, 2018

34. Early recovery of exercise-related muscular injury by HBOT

中華民國高壓暨海底醫學會春季會, 林口長庚, April, 27, 2019

35. Shockwave targeting on subchondral bone is more suitable than articular cartilage for knee osteoarthritis

XXII ISMST Congress at Beijing, China on May 24-26, 2019

36. (1) 運動傷害評估(骨骼學)

(2) 急性創傷處理原則(骨骼學)

台灣運動醫學醫學會運動醫學專科醫師訓練課程, 台北, June 15, 2019

37. 肩關節唇損傷的綜合介紹-關節唇損傷手術治療選項與如何重回賽場

台灣運動醫學醫學會 2019 學術活動暨會員大會, 台北, June 29, 2019