



## Chen-Hao Chiang 江振豪

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### Present Position (現職)

- [2022/07-present]** Chief at Department of Orthopaedics, Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.  
(戴德森醫療財團法人嘉義基督教醫院 骨科部 部主任)
- [2020/09-present]** Chief at Division of Musculoskeletal Disease of Department of Orthopaedics, Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.  
(戴德森醫療財團法人嘉義基督教醫院 骨科部骨病科 科主任)
- [2024/02-present]** Adjunct Assistant Professor at Department of Microbiology, Immunology and Biopharmaceuticals, National Chiayi University, Chiayi City, Taiwan.  
(國立嘉義大學 微生物免疫與生物藥學系 兼任助理教授)
- [2016/07-present]** Clinical Assistant Professor at Department of Orthopaedics, Ditmanson Medical Foundation Chia-Yi Christian Hospital,

- Chiayi City, Taiwan.  
(戴德森醫療財團法人嘉義基督教醫院 骨科部 臨床助理教授)
- [2015/02-present] Ministry of Educational Instructor.  
(教育部定 講師)
- [2022/11-present] Director of the 17<sup>th</sup>, 18<sup>th</sup> Taiwan Arthroscopy and Knee Society  
(中華民國關節鏡及膝關節醫學會第 17、18 屆 理事)
- [2022/11-present] Director of the 12<sup>th</sup>, 13<sup>th</sup>, Taiwan Shoulder and Elbow Society  
(台灣肩肘關節醫學會第 12、13 屆 理事)
- [2024/11-present] Committee member in Education Committee of the 23<sup>rd</sup> Taiwan Orthopedic Association  
(中華民國骨科醫學會 第 23 屆教育委員會 委員)
- [2021/07-present] Committee member in Surgical Management of Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.  
(戴德森醫療財團法人嘉義基督教醫院 手術管理委員會 委員)
- [2022/07-present] Committee member in Medical Quality and Patient Safety of Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.  
(戴德森醫療財團法人嘉義基督教醫院 醫療品質暨病人安全委員會 委員)
- [2022/07-present] Committee member in Medical Supply Management of Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.  
(戴德森醫療財團法人嘉義基督教醫院 衛材管理委員會 委員)
- [2022/09-present] Committee member in Radiation Protection Management of Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.  
(戴德森醫療財團法人嘉義基督教醫院 輻射防護管理委員會 委員)
- [2022/11-present] Committee member in Nursing Education & Training Standard Procedures of Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.  
(戴德森醫療財團法人嘉義基督教醫院 專科護理師培育計畫暨執業規範專責委員會 委員)
- [2024/06-present] Committee member in Pharmacy & Therapeutics of Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.  
(戴德森醫療財團法人嘉義基督教醫院 藥事委員會 委員)
- [2022/01-present] Team Doctor at Chiayi Tien-Ching Futsal Club, Chia-Yi City, Taiwan.  
(嘉義天晴足球俱樂部 隊醫)

## Education (學歷) :

- [2022/06] Ph.D. from Department of BioMedical Engineering, College of Engineering, National Cheng Kung University, Tainan, Taiwan.  
(國立成功大學工學院 生物醫學工程博士)

**[2006/06]** B.S. from Department of Medicine, College of Medicine, National Cheng Kung University, Tainan, Taiwan.  
(國立成功大學醫學院 醫學學士)

### **Professional License (專業證照) :**

Physician in Taiwan

(台灣醫師證書)

Orthopaedic Physician in Taiwan

(台灣骨科專科醫師證書)

Osteoporosis Physician in Taiwan

(台灣骨質疏鬆專科醫師證書)

Sports Medicine Specialist in Taiwan

(台灣運動醫學專科醫師證書)

### **Service and past Career Positions (服務與工作經歷) :**

**[2011/10-present]** Attending Physician at Department of Orthopaedics, Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.

(戴德森醫療財團法人嘉義基督教醫院 骨科部 主治醫師)

**[2006/08-2010/07]** Orthopaedic Resident at Department of Orthopaedics, National Cheng Kung University Hospital, Tainan, Taiwan.

(國立成功大學醫學院附設醫院 骨科部 住院醫師)

**[2010/08-2011/07]** Orthopaedic Chief Resident at Department of Orthopaedics, National Cheng Kung University Hospital, Tainan, Taiwan.

(國立成功大學醫學院附設醫院 骨科部 總住院醫師)

**[2011/10-2013/07]** Adjunct Teaching Attending Physician at Department of Orthopaedics, National Cheng Kung University Hospital, Tainan, Taiwan.

(國立成功大學醫學院附設醫院 骨科部 兼任教學主治醫師)

**[2012/09-2014/06]** Adjunct Instructor at General Education, Chung-Jen Collage of Nursing, Health Sciences and Management, Chiayi County, Taiwan.

(天主教崇仁醫護管理專科學校 通識課程 兼任講師)

**[2012/11-2021/02]** Chief of Orthopaedic Ward at Department of Orthopaedics, Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.

(戴德森醫療財團法人嘉義基督教醫院 骨科部 骨科病房主任)

**[2021/04-2022/06]** Vice Chief at Department of Orthopaedics, Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.

(戴德森醫療財團法人嘉義基督教醫院 骨科部 副部主任)

**[2011/12-2023/12]** Committee member in Trauma of Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi City, Taiwan.

(戴德森醫療財團法人嘉義基督教醫院 外傷多重科別委員會 委員)

**[2020/11-2022/10]** Deputy Secretary-General of the 16<sup>th</sup> Taiwan Arthroscopy and

- Knee Society  
(中華民國關節鏡及膝關節醫學會第16屆 副秘書長)
- [2020/11-2022/10] Administrative Secretary of the 21<sup>st</sup> Taiwan Orthopedic Association  
(中華民國骨科醫學會第21屆 幹事)
- [2022/11-2024/10] Committee member in Board of Orthopaedic Specialist Examination of the 22<sup>nd</sup> Taiwan Orthopedic Association  
(中華民國骨科醫學會 第22屆專科醫師甄審委員會 委員)
- [2022/11-2024/10] Committee member in Editorial Board of Formosan Journal of Musculoskeletal Disorders of the 22<sup>nd</sup> Taiwan Orthopedic Association  
(中華民國骨科醫學會 第22屆中華骨科醫學雜誌 編輯委員)

### Honor/Awards (榮譽獎項) :

- [2013] The Medical Quality Improvement Activity Excellent Award of 2013, Ditmanson Medical Foundation Chia-Yi Christian Hospital  
(戴德森醫療財團法人嘉義基督教醫院 102 年度醫療品質改善優良)
- [2013] The Teacher Service Excellent Award of 2013, Ditmanson Medical Foundation Chia-Yi Christian Hospital  
(戴德森醫療財團法人嘉義基督教醫院 102 年度優良教師)
- [2023] The Teacher Service Excellent Award of 2023, Ditmanson Medical Foundation Chia-Yi Christian Hospital  
(戴德森醫療財團法人嘉義基督教醫院 112 年度優良教師)
- [2024] The Research Excellent Award of 2024, Ditmanson Medical Foundation Chia-Yi Christian Hospital  
(戴德森醫療財團法人嘉義基督教醫院 113 年度研究卓越)

### Laboratory staffs (實驗室成員) :

#### Research assistant (研究助理)

- 林長鎬 (台北醫學大學公衛系/高雄醫學大學公衛所畢業)
- 丁羽仙 (靜宜大學食品營養學系/國防醫學院病理所畢業)

### Journal Editorial Board Member (期刊編輯委員) :

Formosan Journal of Musculoskeletal Disorders (2022-present)

### Journal Reviewer (期刊審查委員) :

Journal of Experimental Orthopaedics

### Grants from Ditmanson Medical Foundation Chia-Yi Christian Hospital (戴德森醫療財團法人嘉義基督教醫院跨院際研究計畫) :

### Investigator (主持人)

	Title (Year) 計畫名稱 (執行期間)	Code 計畫編號	Budget 經費 (x 10 <sup>3</sup> 元)	Status 狀態
1	以次世代基因分析旋轉肌群撕裂傷合併肱二頭肌長頭肌腱炎中的分子機制以尋找未來應用在臨床治療的可能性。 與國立成功大學跨院際研究 (2018/04/23~2020/04/22)	R107-6	500	執行 畢
2	探討AKR1A1調控間質幹細胞糖解代謝路徑對成骨細胞分化的影響。 與國立中興大學跨院際研究 (2021/08/01~2022/07/31)	CYCH- NCHULS 110003	400	執行 畢
3	探討AKR1A1調控人類老化骨髓間質幹細胞譜系轉分化造骨細胞與成脂細胞之機制。 與國立中興大學跨院際研究 (2022/08/01~2023/07/31)	CYCH- NCHULS 111003	400	執行 中
4	探討 AKR1A1 調控 D-galactose 誘導與自然老化對骨髓間質幹細胞成脂-成骨細胞分化的影響。 與國立中興大學跨院際研究 (2023/08/01~2024/07/31)	CYCH- NCHULS 112002	400	執行 中

### Academic Publication (學術著作)

Journal publications ( first author, corresponding author\*, 2022 JCR)

期刊論文發表 (以藍色字表示 CCH 為該篇之第一作者或通訊作者\*)

[2011 年至今，First author, corresponding author\*]

1. Synovial osteochondromatosis of the second metatarsophalangeal joint: a case report. Chiang CH, Jou IM, Wang PH, Chern TC, Huang MT. J Foot Ankle Surg.

- 2011 Jul-Aug;50(4):458-61. (SCIE in 2023 IF 1.3, ORTHOPAEDICS ranking 90/136=66.2%) 本人為第一作者
2. The value of high-frequency ultrasonographic imaging for quantifying trigger digits: a correlative study with clinical findings in patients with different severity grading. [Chiang CH](#), Kuo LC, Kuo YL, Wu KC, Shao CJ, Chern TC, Jou IM. *Ultrasound Med Biol*. 2013 Jun;39(6):967-74. (SCIE in 2023, IF 2.4, ACOUSTICS ranking 11/40=27.5%)
  3. Biomechanical study comparing biceps wedge tenodesis with other proximal long head of the biceps tenodesis techniques. Su WR, Budoff JE, [Chiang CH](#), Lee CJ, Lin CL. *Arthroscopy*. 2013 Sep;29(9):1498-505. (SCIE in 2023, IF 4.4, ORTHOPAEDICS ranking 8/136=5.9%)
  4. Hamstring agraft preparation using a modified rolling hitch technique. Hong CK, [Chiang CH](#), Jou IM, Su WR. *Arthrosc Tech*. 2014 May 12;3(3):e321-4. (ESCI in 2023, IF 1.2, ORTHOPAEDICS ranking 94/136=69.1%)
  5. Yeast extract inhibits osteosarcoma survival by autophagy inhibition and apoptosis induction. Shaw L, Yang TH, Jou IM, Su WR, Hsu TI, [Chiang CH\\*](#). *Current Science*. 2017 Oct 31:1693-1699. (SCIE in 2023, IF 1.1, MULTIDISCIPLINARY SCIENCES ranking 76/134=56.7%) 本人為通訊作者
  6. Technique using the modified rolling hitch for split peroneus brevis tendon transfer in lateral ankle stabilization. Hong CK, [Chiang CH](#), Huang YH, Su WR, Lo SP. *Foot Ankle Surg*. 2017 Dec;23(4):e35-e37. (SCIE in 2023, IF 1.9, ORTHOPAEDICS ranking 55/136=40.4%)
  7. Superior biomechanical properties and tying time with the modified Prusik knot and Wittstein suture loop to the Krackow stitch. Hong CK, Lin CL, Yang JM, Shih CA, Yeh ML, [Chiang CH](#), Su WR. *Arch Orthop Trauma Surg*. 2018 Feb;138(2):237-244. (SCIE in 2023, IF 2.0, ORTHOPAEDICS ranking 49/136=36.0%)
  8. Correction to: Superior biomechanical properties and tying time with the modified Prusik knot and Wittstein suture loop to the Krackow stitch. Hong CK, Lin CL, Yang JM, Shih CA, Yeh ML, [Chiang CH](#), Su WR. *Arch Orthop Trauma Surg*. 2018 Feb;138(2):245. (SCIE in 2023, IF 2.0, ORTHOPAEDICS ranking 49/136=36.0%)
  9. Different suture anchor fixation techniques affect contact properties in humeral greater tuberosity fracture: a biomechanical study. Lin CH, Yeh ML, Su FC, Wang YC, [Chiang CH](#), Hong CK, Su WR. *BMC Musculoskelet Disord*. 2019 Jan 17;20(1):26. (SCIE in 2023, IF 2.2, ORTHOPAEDICS ranking 42/136=30.9%)
  10. Multiple Transchondral Drilling Would be an Adequate Treatment Option for Adult Osteochondritis Dissecans: A Case Report. [Chiang CH](#), Hong CK, Yeh ML, Chih WH, Su WR. *Formos J Musculoskelet Disord*. 2019 Aug 10;3: 120-124. 中華民國骨科醫學會唯一官方期刊 本人為第一作者
  11. Arthroscopic Rotator Cuff Repair Combined with Modified Superior Capsule Reconstruction as Reinforcement by the Long Head of the Biceps. [Chiang CH](#), Shaw L, Chih WH, Yeh ML, Su WR. *Arthrosc Tech*. 2019 Oct 8;10: e1223-e1231. (ESCI in 2023, IF 1.2, ORTHOPAEDICS ranking 94/136=69.1%) 本人為第一作者
  12. The Biomechanical Properties of a High-Tensile Strength Tape for Tendon Graft Fixation Using the Krackow Configuration. Hong CK, Hsu KL, Kuan FC, Chen Y, [Chiang CH](#), Yeh ML, Wen MJ, Su WR. *Arthrosc Sports Med Rehabil*. 2020 Jul 9;2(4):e347-e351.
  13. Does using high-tensile strength tape improve the fixation strength in tendon graft fixation with needleless suture wrapping techniques compared to a suture? Hong



- CK, Kuan FC, Hsu KL, Chen Y, [Chiang CH](#), Su WR. J Orthop Surg (Hong Kong). 2020 Sep-Dec 28;3: 1-7. (SCIE in 2023, IF 1.3, ORTHOPAEDICS ranking 90/136=66.2%)
14. High-Tensile Strength Tapes Show Greater Ultimate Failure Load and Less Stiffness Than High-Tensile Strength Sutures in a Subpectoral Biceps Tenodesis Porcine Model. Hong CK, Su WR, Kuan FC, Chen Y, [Chiang CH](#), Hsu KL. Arthrosc Sports Med Rehabil. 2020 Oct 15;2(6):e795-e801.
  15. Patients With Diabetes Mellitus Have a Higher Risk of Tendon Retear After Arthroscopic Rotator Cuff Repair. A Meta-analysis. Hong CK, Chang CJ, Kuan FC, Hsu KL, Chen Y, [Chiang CH](#), Su WR. Orthop J Sports Med. 2020 Nov 5;8(11): 1-6. (SCIE in 2023, IF 2.4, ORTHOPAEDICS ranking 36/136=26.5%)
  16. Treatment of a rotator cuff tear combined with iatrogenic glenoid fracture and shoulder instability: A rare case report. [Chiang CH](#), Tsai TC, Tung KK, Chih WH, Yeh ML, Su WR. World J Orthop. 2020 Nov 18;11(11): 516-522. (ESCI in 2023, IF 2.0, ORTHOPAEDICS ranking 49/136=36.0%) 本人為第一作者
  17. Radiographic greater tuberosity spurs and narrow acromiohumeral intervals are associated with advanced retraction of the supraspinatus tendon in patients with symptomatic rotator cuff tears. Chuang HC, Hong CK, Hsu KL, Kuan FC, [Chiang CH](#), Chen Y, Su WR. JSES Int. 2020 Nov 26;5(1):77-82.
  18. "Flip Lid" Type of Lateral Tibia Plateau Fracture with a Meniscus Radial Tear: A Case Report. Ho W, Chih WH, Yeh ML, Lin SF, Su WR, [Chiang CH\\*](#). Trauma Case Rep. 2021 Jun 15;34. 本人為通訊作者
  19. Modified Superior Capsule Reconstruction Using the Long Head of the Biceps Tendons as Reinforcement to Rotator Cuff Repair Lowers Retear Rate in Large to Massive Reparable Rotator Cuff Tears. [Chiang CH](#), Shaw L, Chih WH, Yeh ML, Ting HH, Lin CH, Chen CP, Su WR. Arthroscopy. 2021 Aug;37(8):2420-2431. (SCIE in 2023, IF 4.4, ORTHOPAEDICS ranking 8/136=5.9%). 本人為第一作者
  20. Clinical and radiological outcomes of modified Mitchell's osteotomy using three-point fixation for hallux valgus. Lo SP, [Chiang CH](#), Lin CH. Int Orthop. 2022 Feb;46(2):249-253. (SCIE in 2023, IF 2.0, ORTHOPAEDICS ranking 49/136=36.0%)
  21. Owen, Sugaya, and Hayashida classifications give poor intra- and inter-rater agreement on a magnetic resonance imaging evaluation of subscapularis tendon re-tears. Hong CK, Hsu KL, Kuan FC, Chang HM, Chen Y, [Chiang CH](#), Su WR. Arthroscopy. 2022 Jun;38(6):1796-1801. (SCIE in 2023, IF 4.4, ORTHOPAEDICS ranking 8/136=5.9%)
  22. Biomechanical Comparisons of Hook Plate and Screw Fixations in Split-type Greater Tuberosity Fractures of the Humerus. Kuan FC, Hsu KL, Hong CK, Chen Y, [Chiang CH](#), Chang HM, Su WR. J Shoulder Elbow Surg. 2022 Jun;31(6):1308-1315. (SCIE in 2023, IF 2.9, ORTHOPAEDICS ranking 22/136=16.2%)
  23. Successful Plate Fixation with Long Intramedullary Fibula Bone Graft for Periprosthetic Femur Fracture: A Case Report. Yeh KL, Liaw CK, Fuh CS, Chen CS, [Chiang CH](#), Shih KS. Medicina (Kaunas). 2022 Aug 24;58(9):1148. (SCIE in 2023, IF 2.4, MEDICINE, GENERAL & INTERNAL ranking 80/325=24.6%)
  24. Young Children with a Bucket-handle Tear to the Discoid Lateral Meniscus Successfully Treated Using Arthroscopic Saucerization and Repair: Two Case Reports. Liao YH, Chen CH, Lin CJ, Su WR, \*Shih CL, [Chiang CH\\*](#). Medicina (Kaunas). 2022 Oct 6;58(10):1403. (SCIE in 2023, IF 2.4, MEDICINE,

GENERAL & INTERNAL ranking 80/325=24.6%) 本人為通訊作者

25. Degree of Pelvic Rotation in the Coronal Plane on Postoperative Radiographs Obtained after Total Hip Arthroplasty. Yeh KL, Wu TY, Fuh CS, Chen CS, Hou SM, [Chiang CH](#), Law CK. J Clin Med. 2022 Oct 27;11(21):6353. (SCIE in 2023, IF 3.0, MEDICINE, GENERAL & INTERNAL ranking 58/325=17.8%)
26. Association of Coracoacromial Ligament Degeneration With Rotator Cuff Tear Patterns and Retear Rate. Chuang HC, Hong CK, Hsu KL, Kuan FC, Chen Y, Yen JZ, [Chiang CH](#), Chang HM, Su WR. Orthop J Sports Med. 2023 Jun 7;11(6). (SCIE in 2023, IF 2.4, ORTHOPAEDICS ranking 36/136=26.5%)
27. Modified Arthroscopic Intra-articular Transtendinous Looped Biceps Tenodesis Leads to Satisfactory Functional Outcomes and Less Frequent Popeye Deformity Compared to Biceps Tenotomy. [Chiang CH](#), Ho W, Lin CH, Chih WH, Su WR, Hong CK. J Orthop Surg Res. 2023 Aug 16;18(1):603. (SCIE in 2023, IF 2.8, ORTHOPAEDICS ranking 24/136=17.6%) 本人為第一作者
28. Effect of graft types for outcomes in revision anterior cruciate ligament reconstruction: A meta-analysis. Lin CH, Chih WH, [Chiang CH\\*](#). Orthop Traumatol Surg Res. 2023 Sep 30. (SCIE in 2023, IF 2.3, ORTHOPAEDICS ranking 38/136=27.9%)本人為通訊作者
29. Arthroscopic Rotator Cuff Repair without labral Repair Can Improve the Clinical Outcomes and Stability for Patients Older than 60 Years Old after Shoulder dislocation with Rotator Cuff Tear and Bankart Lesions. [Chiang CH\\*](#), Lin CH, Chih WH. Formos J Musculoskelet Disord. 2023 Oct-Dec 14;4: 141-144. 中華民國骨科醫學會唯一官方期刊 本人為第一及通訊作者
30. Mechanistic Study of the Aldo-Keto Reductase Family 1 Member A1 in Regulating Mesenchymal Stem Cell Fate Decision Toward Adipogenesis and Osteogenesis. [Chiang CH](#), Lin YH, Kao YC, Weng SC, Chen CM, Liou YM. Life Sci. 2024 Jan 1;336:122336. (SCIE in 2023, IF 5.2, MEDICINE, RESEARCH & EXPERIMENTAL ranking 39/189=20.6%) (CYCH-NCHULS110003). 本人為第一作者
31. The biomechanical comparison of coracoclavicular fixation using a metallic anchor and an all-suture anchor. Hong CK, Kuan FC, Hsu KL, Chen Y, [Chiang CH](#), Su WR. Orthop J Sports Med. 2024 Jan 24;12(1). (SCIE in 2023, IF 2.4, ORTHOPAEDICS ranking 36/136=26.5%)
32. Ultrasound-Guided Sciatic Nerve Hydrodissection Can Improve the Clinical Outcomes of Patients with Deep Gluteal Syndrome: A Case-Series Study. Yen YS, Lin CH, [Chiang CH](#), Wu CY. Diagnostics. 2024, 14(7), 757 (SCIE in 2023, IF 3.0, MEDICINE, GENERAL & INTERNAL ranking 58/325=17.8%)
33. Evaluating effectiveness of cadaveric arthroscopic training for orthopaedic residents: A comparison of joints and training levels. Chuang HC, Kuan FC, Su WR, Shih CA, [Chiang CH](#), Ko PY, Hong CK, Chen Y, Hsu KL. J Exp Orthop. 2024 May 20;11(3):e12030. (ESCI in 2023, IF 2.0, ORTHOPAEDICS ranking 49/136=36.0%)
34. Femoral Neck Fracture with Misdiagnosis of Osteonecrosis of the Femoral Head: A Two-Case Report. Kwan TH, [Chiang CH](#), Chih WH, Chou CM. Medicina (Kaunas). 2024 Jun 6;60(10):1063. (SCIE in 2023, IF 2.4, MEDICINE, GENERAL & INTERNAL ranking 80/325=24.6%)
35. Hypermobile Anterior Horn of the Lateral Meniscus: A Retrospective Case-Series Study of Presentation, Imaging, Treatment, and Outcomes. Lin CH, [Chiang CH](#), Hung WC, Chih WH. Medicina (Kaunas). 2024 Sep 13;60(9):1497. (SCIE in 2023,



IF 2.4, MEDICINE, GENERAL & INTERNAL ranking 80/325=24.6%)

36. Prevalence and risk factors for chronic postamputation pain requiring analgesia or nerve interventions: a population-based study in East Asia. Liu WC, Su FW, Su SY, Chiang CH, Yao SH, Shih CL, Eberlin KR. Reg Anesth Pain Med. 2024 Nov 20:rapm-2024-105982. (SCIE in 2023, IF 5.1, ANESTHESIOLOGY ranking 5/64=7.81%)

## Conference Presentation (研討會論文發表)

為全國性或國際性的演講(只列 2012 年後主講或通訊作者發表，包含口頭或壁報)

## Domestic Presentation(全國性演講)

TOA: Taiwan Orthopedic Association (中華民國骨科醫學會)

TKAS: Taiwan Arthroscopy and Knee Society (中華民國關節鏡及膝關節醫學會)

TSES: Taiwan Shoulder and Elbow Society (台灣肩肘關節醫學會)

1. The value of high frequency ultrasonographic imaging and measurement in trigger digits: a correlative study with clinical findings in patients with different severity gradings. The 63<sup>rd</sup> Annual Meeting of TOA. 2012 Oct. (Oral)
2. Clinical outcomes of arthroscopic reduction and suture for displaced tibial spine fractures. The 64<sup>th</sup> Annual Meeting of TOA. 2013 Apr. (Oral)
3. Biomechanical Study Comparing Biceps Wedge Tenodesis To Other Proximal Biceps Tenodesis Techniques. The 65<sup>th</sup> Annual Meeting of TOA. 2013 Oct. (Poster)
4. Short-Term Results After Arthroscopic Repair of Full-Thickness Rotator Cuff Tears. The 67<sup>th</sup> Annual Meeting of TOA. 2014 Oct. (Oral)
5. Fully Arthroscopic Herbert Screw Fixation for Adult Osteochondritis Dissecans: A Case Report. The 67<sup>th</sup> Annual Meeting of TOA. 2014 Oct. (Poster)
6. Open Reduction Internal Fixation for Displacement of a Previously Nondisplaced Acromial Fracture in a Lung Contusion Patient: Case Report and Review of Literature. The 68<sup>th</sup> Annual Meeting of TOA. 2015 Apr. (Poster)
7. Manipulation for Frozen Shoulder May Induce Labral Tear. The 69<sup>th</sup> Annual Meeting of TOA. 2015 Oct. (Oral)
8. Using Peroneus Longus Tendon As Tendon Graft May Induce Superficial Peroneal Nerve Injury: 2 Cases Reports And Literature Reviews. The 70<sup>th</sup> Annual Meeting of TOA. 2016 Apr. (Poster)
9. Iatrogenic glenoid fracture after manipulation for the stiffness of shoulder in patient with rotator cuff tear. The 70<sup>th</sup> Annual Meeting of TOA. 2016 Apr. (Poster)
10. Short-Term Outcome in Operative Treatment of Posterior Root Tear of Medial Meniscus. The 71<sup>st</sup> Annual Meeting of TOA. 2016 Oct. (Poster)
11. Successful Treatment for Adult Knee Osteochondritis Dissecans by Arthroscopic Multiple Antegrade Drilling Procedure: A Case Report and Literatures Review. The 71<sup>st</sup> Annual Meeting of TOA. 2016 Oct. (Poster)
12. Retrospective Short Term Functional Outcomes after Arthroscopic Single-Row or Double-Row Repair for Rotator Cuff Tear. The 72<sup>nd</sup> Annual Meeting of TOA. 2017 Apr. (Oral)
13. Bisphosphonate Related Atypical Subtrochanteric Fracture: A Case Report and Literatures Review. The 72<sup>nd</sup> Annual Meeting of TOA. 2017 Apr. (Poster)

14. Arthroscopically Assisted Stabilization of Acute Acromioclavicular Joint dislocation: Case Series and Literature Reviews. The 73<sup>rd</sup> Annual Meeting of TOA. 2017 Oct. (Oral)
15. Medial PatelloFemoral Ligament Reconstruction with Superficial Quadriceps Tendon Graft: 2 Cases Report and Literatures Review. The 73<sup>rd</sup> Annual Meeting of TOA. 2017 Oct. (Poster)
16. Atrial Myxoma as a Cause of Stroke in Femoral Shaft Fracture Patient: Case Report and Literature Review. The 73<sup>rd</sup> Annual Meeting of TOA. 2017 Oct. (Poster)
17. Arthroscopic Rotator Cuff Repair Combined Superior Capsule Reconstruction by Using Biceps Long Head for Large Tear Cases. The 74<sup>th</sup> Annual Meeting of TOA. 2018 Apr. (Oral)
18. Superior Biomechanical Properties and Tying Time with the Modified Prusik Knot and Wittstein Suture Loop to the Krackow Stitch. The 74<sup>th</sup> Annual Meeting of TOA. 2018 Apr. (Poster)
19. Iliotibial Band Tendon Graft as Superior Capsule Reconstruction for Irreparable Rotator Cuff Tear after Shoulder Septic Arthritis: A Case Report. The 74<sup>th</sup> Annual Meeting of TOA. 2018 Apr. (Poster)
20. Open Cap Type of Lateral Tibial Plateau Fracture: A Rare Case Report and Literatures Review. The 74<sup>th</sup> Annual Meeting of TOA. 2018 Apr. (Poster)
21. Second-Look Arthroscopic Assessment of Cartilage Regeneration After Medial Opening-Wedge High Tibial Osteotomy: A Case Report and Literature Review. The 75<sup>th</sup> Annual Meeting of TOA. 2018 Oct. (Poster)
22. Arthroscopic Treatment of Painful Hip with the History of Ankylosing Spondylitis. A Case Report. The 75<sup>th</sup> Annual Meeting of TOA. 2018 Oct. (Poster)
23. The MRI findings between anterior cruciate ligament rupture and meniscal bucket-handle tear - case series. The 75<sup>th</sup> Annual Meeting of TOA. 2018 Oct. (Poster)
24. Comparison Arthroscopic Repair of Large Rotator Cuff Tear With or Without Using Biceps Long Head as Superior Capsule Reconstruction. The 75<sup>th</sup> Annual Meeting of TOA. 2018 Oct. (Oral)
25. Which First is the Best Operative Method for Frozen Shoulder Arthroscopic Complete Capsulectomy or Manipulation? Retrospective Comparative Study. The 76<sup>th</sup> Annual Meeting of TOA. 2019 Apr. (Oral)
26. Successful Treatment for Massive Irreparable Rotator Cuff Tear by Arthroscopic Rotator Cuff Partial Repair Combined with Long Head of Biceps as Augmentation. A Case Report. The 76<sup>th</sup> Annual Meeting of TOA. 2019 Apr. (Poster)
27. Latarjet Procedure for Senile Osteoporotic Patient with Neglected Chronic Shoulder Anterior Dislocation. 2 Cases Reports. The 76<sup>th</sup> Annual Meeting of TOA. 2019 Apr. (Poster)
28. Simultaneously Coracoacromial and Acromioclavicular Ligament Reconstruction by Semitendinosus and Tension Band Wire Augmentation for Chronic Acromioclavicular Joint Dislocation. A Case Report. The 77<sup>th</sup> Annual Meeting of TOA. 2019 Oct. (Poster)
29. Neer Hemiarthroplasty and Allo Femoral Condyle Bone Graft Treated for Bipolar Lesions of the Neglected Proximal Humeral and Glenoid Fracture. A Case Report. The 77<sup>th</sup> Annual Meeting of TOA. 2019 Oct. (Poster)
30. 2 Years Old Toddler Torn Discoid Lateral Meniscus Treated by Arthroscopic Meniscal Saucerization and Repair. A Case Report and Literature review. The 78<sup>th</sup> Annual Meeting of TOA. 2020 Oct. (Poster)
31. Less Retear and Better Clinical Outcome for Large Tear Rotator Cuff Repair Combined with Modified Superior Capsule Reconstruction. A retrospective study.

- The 78<sup>th</sup> Annual Meeting of TOA. 2020 Oct. (Oral)
32. Osteonecrosis of humeral head, Dose it really matters? Annual Winter Meeting of TKAS and TSES. 2020 Dec. (Oral)
  33. Arthroscopic Treatment of Bucket-handle Tear of Lateral Discoid Meniscus: 2 Young Child Cases report. The 79<sup>th</sup> Annual Meeting of TOA. 2021 Apr. (Oral)
  34. Anterior Interosseous Nerve Palsy After Plate Fixation of Olecranon Fracture. A Case Report. The 79<sup>th</sup> Annual Meeting of TOA. 2021 Apr. (Poster)
  35. Rapid Progressive Collapse of the Humeral Head after Arthroscopic Rotator Cuff Repair: A case report. The 79<sup>th</sup> Annual Meeting of TOA. 2021 Apr. (Poster)
  36. Basic Shoulder Scope & Instability (labral repair). Shoulder Arthroscopy Cadaver Workshop. 2021 Aug. (Oral)
  37. Rotator Cuff Repair-Subscapularis (Intraarticular). Shoulder Arthroscopy Cadaver Workshop. 2021 Aug. (Oral)
  38. Meniscal Repair Techniques. 2021 Advanced Knee Arthroscopic Course. 2021 Sep. (Oral)
  39. Anatomy and Biomechanics of Anterolateral Complex. The 31<sup>st</sup> Annual Meeting of TAKS. 2021 Oct. (Oral)
  40. Arthroscopic Remplissage: does it work? Complications? The Annual Meeting of TSES. 2021 Nov. (Oral)
  41. ACL Repair, Evolution over time. The 80<sup>th</sup> Annual Meeting of TOA. 2021 Dec. (Symposium)
  42. Successful Treatment of Split type of Isolated Humeral Greater Tuberosity Fracture Under Suture Anchors with Plate Augmentation. 6 Case Series Report. The 80<sup>th</sup> Annual Meeting of TOA. 2021 Dec. (Oral)
  43. Successful Treatment of Humeral Distal Biceps Tendon Rupture by Single Incision and Double Suture Anchor Fixation: A Case Report and Literature Review. The 80<sup>th</sup> Annual Meeting of TOA. 2021 Dec. (Poster)
  44. Arthroscopic surgery and manipulation for frozen shoulder. Annual Winter Meeting of TKAS and TSES. 2022 Jan. (Oral)
  45. An Effective and Easy Method for Arthroscopic Intra-Articular Transtendinous Looped Biceps Tenodesis. A Case-Matched Study. The 81<sup>st</sup> Annual Meeting of TOA. 2022 Apr. (Oral)
  46. Panel discussion. Traumatic knee dislocation. The 32<sup>nd</sup> Annual Meeting of TAKS. 2022 Oct. (Oral)
  47. Shoulder Instability. How to Manage Bone Loss? My Techniques. The Annual Meeting of TSES. 2022 Sep. (Oral)
  48. Panel discussion. Massive rotator cuff tear. Annual Summer Meeting of TKAS and TSES. 2022 Sep. (Oral)
  49. Successful Treatment of Neer Hemiarthroplasty and Rotator Cuff Repair for Shoulder Irreducible Locked Posterior dislocation. A Case Report. The 82<sup>nd</sup> Annual Meeting of TOA. 2022 Oct. (Poster)
  50. Simultaneous Open Reduction and Internal Fixation of Double Bony Disruption of Superior Shoulder Suspensory Complex. A Case Report. The 82<sup>nd</sup> Annual Meeting of TOA. 2022 Oct. (Poster)
  51. Successful Revised Surgery of Humeral Migrated Greater Tuberosity Fracture under Mini-open Transosseous Equivalent Double-Row Suture Anchor Fixation. 2 Cases Report. The 82<sup>nd</sup> Annual Meeting of TOA. 2022 Oct. (Poster)
  52. 65 y/o, Recurrent Shoulder Dislocation with Cuff Tear and Bankart lesion, no Bony Lesion. Cuff Repair is Enough. Annual Winter Meeting of TKAS and TSES. 2022 Dec. (Oral)

53. Large to Massive Rotator Cuff Tear. How Do I Treat Large to Massive Cuff Tear with Augmentation of Biceps Long Head. Annual Spring Meeting of TKAS and TSES. 2023 Mar. (Oral)
54. Graft Selection in Knee Ligament Reconstruction: Allo-graft, Auto-graft, and Artificial ligament. Tip: is Artificial Ligament a Choice? The Annual Resident Training Meeting of TOA. 2023 Mar. (Oral)
55. A Rare Case of Septic Knee Infected by Haemophilus Parainfluenzae After Arthroscopic Release Due To Stiffness. A Case Report and Literature Review. The 83<sup>rd</sup> Annual Meeting of TOA. 2023 Mar. (Poster)
56. Acute Massive Rotator Cuff Tear and Biceps Tendon Dislocation after Posterior Shoulder Dislocation in an Elder Adult. A Rare Case Report. The 83<sup>rd</sup> Annual Meeting of TOA. 2023 Mar. (Poster)
57. Panel Discussion. Knee Dislocation with Multiple Ligament Injury. The 33<sup>rd</sup> Annual Meeting of TAKS. 2023 Jun. (Oral)
58. Panel Discussion. My Revision or Complications Shoulder Case. The Annual Meeting of TSES. 2023 Aug. (Oral)
59. Irreparable Rotator Cuff Tear, Who, When How? Biceps as Superior Capsule Reconstruction for Irreparable or Repairable RCT. Annual Summer Meeting of TKAS and TSES. 2023 Oct. (Oral)
60. Other Labrum. Superior Labrum Repair (SLAP repair) or Intraarticular LHBT tenodesis. Annual Summer Meeting of TKAS and TSES. 2023 Oct. (Oral)
61. Mechanistic Study with the Aldo-Keto reductase Family 1 Member A1 (Akr1A1) in regulating mesenchymal stem cell fate decision to adipogenesis and osteogenesis. The 84<sup>th</sup> Annual Meeting of TOA. 2023 Oct. (Oral)
62. Knee Posterolateral Subluxation with Concomitant Multiple Ligaments Rupture and Bony Destruction can be Successfully Treated by Only Ligaments Reconstructions and Meniscus Repair. A Rare Case Report. The 84<sup>th</sup> Annual Meeting of TOA. 2023 Oct. (Oral)
63. Only Arthroscopic Rotator Cuff Repair can Achieve Better Clinical Outcomes and Stable Shoulder in Elderly Patients with Shoulder Dislocation with Concomitant Rotator Cuff Tears and Bankart Lesion. A Retrospective Case Series Study. The 84<sup>th</sup> Annual Meeting of TOA. 2023 Oct. (Poster)
64. Which Graft Types have Better Clinical Outcomes in Revision Anterior Cruciate Ligament Reconstruction: A Meta-analysis Study. The 84<sup>th</sup> Annual Meeting of TOA. 2023 Oct. (Poster)
65. Shear My Difficult Shoulder Cases. My Treatment for Avascular Osteonecrosis of Humeral Head. Annual Winter Meeting of TKAS and TSES. 2023 Dec. (Oral)
66. Shoulder. Fixed Posterior Shoulder Dislocation. Annual Spring Meeting of TKAS and TSES. 2024 Mar. (Oral)
67. Double-row Suture Bridge Procedure for Chronic Escape of the Greater Tuberosity after Proximal Humeral Fracture Fixation: A Five-case Series Study. The 85<sup>th</sup> Annual Meeting of TOA. 2024 Apr. (Oral)
68. Successful Treatment of the Modified McLaughlin Procedure with Allo-Femoral Head Graft for Neglected Locked Posterior Shoulder Dislocation – A Case Report and Literature Review. The 85<sup>th</sup> Annual Meeting of TOA. 2024 Apr. (Poster)
69. Practical Way to Evaluate Bone Defect for Shoulder Instability. The Annual Meeting of TSES. 2024 Aug. (Oral)
70. Factors Associated with Nonunion Following Foot and Ankle Arthrodesis: A Taiwan National Health Insurance Database Matched Case-Control Study. The 86<sup>th</sup> Annual Meeting of TOA. 2024 Oct. (Oral)

71. Haemophilus Parainfluenzae Infection of Reverse Shoulder Arthroplasty Treated with Aspiration and Oral Antibiotics. A Case Report. The 86<sup>th</sup> Annual Meeting of TOA. 2024 Oct. (Post)
72. Arthroscopic Rotator Cuff Repair Alone as a Treatment for Rotator Cuff Tear with Bankart Lesion in Patients Over 60 Following Primary Traumatic Shoulder Dislocation: A Matched Comparative Study. The 86<sup>th</sup> Annual Meeting of TOA. 2024 Oct. (Oral)

### **International Presentation(國際性演講)**

CLAAS: Conmed Linvatec Asia Arthroscopy Symposium

SICOT: International Society of Orthopaedic Surgery and Traumatology

ACASEA: Academic Congress of Asia Shoulder and Elbow Association

1. Role of the Anterior Intermeniscal Ligament in Knee Joint. The 7<sup>th</sup> CLAAS Meeting. 2014 Jul. (Oral)
2. Is Double-Row Repair Superior Than Single-Row Repair for Rotator Cuff Tear in the Functional Outcomes? Retrospective Study and Our Experiences. The 10<sup>th</sup> CLAAS Meeting 2017 Jun. (Oral)
3. Functional Outcomes after Arthroscopic Single-Row versus Double-Row techniques for Repairing Different Sizes of Rotator Cuff Tear. The 38<sup>th</sup> SICOT Orthopaedic Word Congress. 2017 Nov. (Poster)
4. Arthroscopic Rotator Cuff Repair Combined Superior Capsule Reconstruction By Biceps Long Head for Large Tear Cases. The 11<sup>th</sup> CLAAS Meeting 2018 Jun. (Oral)
5. Rotator Cuff Tear with Labral Lesion can be Treated by Only Arthroscopic Rotator Cuff Repair in Patients Older Than 60 Years after Primary Traumatic Shoulder Dislocation: A matched Comparative Study. The Annual Meeting of ACASEA (Academic Congress of Asia Shoulder and Elbow Association). 2024 Oct. (Oral)
6. Rotator Cuff Disorders: Rotator Cuff Tear: Long Head of the Biceps Tendon is a Good Partner for Management of Massive Rotator Cuff Tear. he Annual Meeting of ACASEA. 2024 Oct. (Oral)

### **Thesis (學位論文) :**

**Chen-Hao Chiang** (2022/07) Capsule Reconstruction Using the Long Head of the Biceps Tendon as Reinforcement to Improve the Outcomes of Large to Massive Repairable Rotator Cuff Tears. Ph.D. Thesis, adviser: Professor Ming-Long Yeh (博士論文，指導教授：葉明龍教授)