

Curriculum Vitae



Name : Pang-Yun Chou, 周邦昀

Sex: Male

Birth Date: 1979/12/05

Birth Place: Chung-Hwa, Taiwan, Republic of China

Citizenship: Chung-Hwa, Taiwan

Office Address : Plastic Surgery, Craniofacial Center ,

Chang Gung Memorial Hospital,

No. 5, Fusing St., Guishan Dist., Taoyuan City, Taiwan.

Language: Chinese/Taiwanese/English

Education:

Sep 1999-Jun 2006 Medical College, Bachelor of Medicine
Chang Gung University, Taiwan, R.O.C.

Sep 2020- Doctor of Philosophy
Department of Mechanical Engineering
Chang Gung University, Taiwan, R.O.C.

Post-Graduate Education : Nil

Degree—M.D.

Academic Appointment(Include Teaching Experience): Assistant Professor

Employment Record :

Jun 2005-May 2006	Internship, Chang Gung Memorial Hospital Taipei, Taiwan, R.O.C.
Sep 2006-Aug 2008	Residency in General Surgery Chang Gung Memorial Hospital Taipei, Taiwan, R.O.C.
Sep 2008-Aug 2011	Residency in Plastic Surgery Chang Gung Memorial Hospital Taipei, Taiwan, R.O.C.
Sep 2011-Aug 2012	Chief Residency in Plastic Surgery Chang Gung Memorial Hospital Taipei, Taiwan, R.O.C.
Sep 2012-Aug 2013	Attending Faculty in Plastic Surgery Chang Gung Memorial Hospital KeeLung, Taiwan, R.O.C.

Sep 2013-Dec 2015	Attending Faculty in Trauma Department Plastic Surgery, Chang Gung Memorial Hospital LinKou, Taiwan, R.O.C.
Jan 2016-Jan 2017	Research Fellow Craniofacial Team, Plastic Surgery University of Texas, Southwestern Medical Center
Jan 2017-Aug 2018	Attending Faculty in Trauma Department Plastic Surgery, Chang Gung Memorial Hospital LinKou, Taiwan, R.O.C.
Sep 2018-	Attending Faculty in Craniofacial Department Plastic Surgery, Chang Gung Memorial Hospital LinKou, Taiwan, R.O.C.

Board Certification :

1. Medical	Board ROC	No. 039898,	December ,	2006
2. Surgical	Board ROC	No. 2-5545,	November,	2010
3. Plastic	Board ROC	No. 575,	December,	2012

Licensers: Nil now

Professional Affiliations :

Taiwan Surgical Association	No. 2-5545
Taiwan Society of Plastic Surgery	No. 000575
Taiwan Society of Critical Care Medicine	No. 02731
Taiwan Cleft Palate-Craniofacial Association	No. A096

Professional Activities :

1. Administrative Experience: Nil

2. Editorial Boards of Journals:

Guest Editor

Applied Sciences (IF:2.679)

Special issue: 3D Medical Imaging Diagnosis for Oral and Maxillofacial Applications

Frontiers in Oral Health

Special issue: The Surgery-First Approach in Orthognathic Surgery

Research Interest:

1. Newborn, school students 3dMD craniofacial images
2. Cleft lip and palate – alveolar bone graft, BMP-2
3. Orthognathic surgery – Surgery-First Approach
4. Polymers animal model – Biodegradable 3D printing
5. 3D printing, surgical simulation – Practice to facilitate surgical process

Research Project:

CMRP

1. 開發含促進癒合分子之泡沫型溫敏感水膠以降低術後肌腱沾黏及促進肌腱癒合-**CO Host**
(2016/07/01~2017/09/30)
2. 台灣地區孩童顱顏發展之對稱性研究-**Host**
The 3-dimensional imaging symmetry analysis of the cranial skull of the normal kids in Taiwan.
CMRPG3G0081/ CMRPG3G0082/ CMRPG3G0083 (2017/01/01~2019/12/31)
3. 以混紡電紡之含藥PU/gamma-PGA多層膜減少周邊神經重建後之沾粘並促進軸突生長-**CO Host** (2017/10/01~2020/09/30)
4. 發展電漿醫療促進傷口癒合研究-**CO Host**
CMRPD5H0031/ CMRPD5H0032 (2018/07/01~2020/06/30)
5. 台灣地區國小學齡孩童顱顏發展之對稱性研究-**Host**
The 3-dimensional imaging symmetry analysis of the craniofacial area in the elementary school students in Taiwan.
CMRPG3J0821/ CMRPG3J0822/ CMRPG3J0823 (2019/07/01~2023/06/30)
6. (科)新生兒歪頭症頭盔治療顱顏部改變的垂直追蹤-**Host**
Longitudinal analysis of helmet treatment for plagiocephaly in newborns.
CMRPG3K0391 (2020/02/01~2022/01/31)
7. 利用雙層結構的神經包覆薄膜以降低周圍神經接合後之疤痕沾黏並促進軸突再生-**CO Host**
A bilayer nerve wrap with a randomly-braided PU outer layer and a well-aligned cationized core-shell inner membrane containing poly-L-lys and natural polysaccharide to reduce scar adhesion and to promote axon regeneration for peripheral nerve repair.
CMRPG3K1531/ CMRPG3K1532 (2020/10/01~2022/09/30)
8. 以葡聚糖基底之溫敏感型水膠攜帶細胞外泌體用於周邊神經修復-**CO Host**
Development of Dextran–Pluronic Thermosensitive Hydrogel Containing Extracellular Vesicles from Adipose Derived Stem Cells for Nerve Repair.
CMRPG3L1331/ CMRPG3L1332 (2021/11/01~2023/10/31)

CORP

1. (長清)具內埋多重感測元件之三維列印成形塑型頭盔開發與優化研究-**Host**
Development and optimization of a three-dimensional printing and shaping helmet with embedded multiple sensing devices.
CORPG3M0211 (2022/01/01~2022/12/31)
2. (長廈)探索肉毒抗菌在II類錯頷畸形正頷術後降低術後開(牙合)的療效評價-**Host**
Effect of botulinum toxin injection into digastric muscle in patient with Class II Malocclusion following orthognathic surgery.
CORPG3M0261(2022/04/01~2024/03/31)
3. (長清)具內埋多重感測元件之三維列印成形塑型頭盔之優化研究-**Host**
Optimization of 3D-printed multi-sensor shaping helmet for plagiocephalic babies
CORPG3N0071(2023/01/01~2023/12/31)

整合型計畫

1. 臨床整合型上肢功能重建之前瞻性及系統性回顧研究之子計畫三：尺神經病變之回溯分析-**CO Host** (2017/10/01~2018/08/31)
2. 整合型正顎手術臨床輔助預測模型之開發及驗證之子計畫四：建立正顎手術中臉部變化對於顏面吸引力影響之預測模型-**Host**
Building a prediction model on facial attractiveness affected by the change of midface in the patients with orthognathic surgery.
CMRPG3L0361/CMRPG3L0362 (2021/05/01~2023/04/30)

NMRP

1. 可注射式溫敏型水膠預防術後肌腱沾黏的研究-**Host**
Injectable thermosensitive hydrogel for prevention of postoperative tendon adhesions.
MOST 104-2314-B-182A-145- / NMPRG3E0551 (2015/08/01~2016/07/31)
2. 台灣地區新生兒頭形改變之垂直性追蹤：三年期前瞻性研究-**Host**
Longitudinal analysis of head shape change of the newborns in Taiwan: a three-year prospective study. MOST 107-2314-B-182A-117- / NMPRG3H0081 (2018/08/01~2019/07/31)
3. 具生物相容性金屬玻璃薄膜對可降解鎂合金特性之影響-**CO Host**
MOST 108-2221-E-182-030- / MOST 109-2221-E-182-031- / MOST 110-2221-E-182 -067- (2019/08/01~2022/10/31)
4. 新生兒出生後顱顏部型態改變的三年期垂直追蹤暨運用深度學習建立生長模組-**Host**
A three-year prospective longitudinal analysis of threedimensional craniofacial development in newborns: The establishment of the normative values for craniofacial growth pattern using deep learning in Taiwan.
MOST 109-2314-B-182A-034 - / NMPRG3K0031 (2020/08/01~2022/02/28)
5. 使用三維相片分析台灣國小學齡兒童三維顱顏面型態及其生長-**CO Host**
MOST 109-2635-B-182A-001- (2020/08/01~2022/07/31)
6. 陽壓呼吸器或上下顎前移手術治療阻塞性睡眠呼吸中止症患者的結果比較-**CO Host**
MOST 110-2314-B-182-025- (2021/08/01~2023/07/31)

長庚醫院公益計畫

1. 長庚醫院公益計畫-長庚醫院之國小衛生教育體驗營服務計畫-**Host**
CTYHT (2018/07/01~2019/06/30)
2. 長庚醫院公益計畫-長庚醫院與周邊國小之心智及口腔衛教營隊-**Host**
LHCKC (2020/01/01~2023/06/30)

衛福部兒科重難症

1. 兒科重難症醫療照護-以椎狀射束電腦斷層影像分析牙槽植骨含筋膜移植手術的成效-前瞻性整合研究與團隊照護-**CO Host**
(2017/07/01~2018/06/30)

Bibliography:

《Publications》

1. Holger Engel, Jung-Ju Huang, Chung-Kan Tsao, Chia-yu Lin, **Pang-Yun Chou**, Eric M. Brey, Ming-Huei Cheng*. Remote Real-time Monitoring of Free Flaps via Smartphone Potography and 3G Wireless Internet: A Prospective Study Evidencing Diagnostic Accuracy. *Microsurgery*. 08/2011. Volume:31 & Issue:8 ; Page:589-595.(SCI ; Impact Factor:2.080 ; Rank:128/211=60.66 % ; SURGERY)
2. **Pang-Yun Chou**, Kuo-Ting Chen, Yu-Ray Chen, M. Samuel Noordhoff*. Evaluation of Clinical Outcomes of Primary Gingivoperiosteoplasty in Patients with Unilateral Clefts. *Journal of Taiwan Society of Plastic Surgery 臺灣整形外科醫學會雜誌*. 06/2012. Volume:21 & Issue:2 ; Page:85-89.
3. **Pang-Yun Chou**, Zung-Chung Chen, Chung-Chen Hsu, Kuo-Ting Chen, Jun-Jo Lo, Hsiang-Ya Wang*. Application of Human Fibrin Sealant in Microtia Reconstruction. *Journal of Taiwan Society of Plastic Surgery 臺灣整形外科醫學會雜誌*. 12/2012. Volume:21 & Issue:4 ; Page:301-307.
4. **Pang-Yun Chou**, Chih-Cheng Luo, Philip Kuo-Ting Chen, Yu-Ray Chen, M. Samuel Noordhoff, Lun-Jou Lo*. Preoperative Lip Measurement in Patients with Complete Unilateral Cleft Lip/Palate and Its Comparison with Norm. *Journal of Plastic Reconstructive & Aesthetic Surgery*. 04/2013. Volume:66 & Issue:4 ; Page:513-517. (SCI ; Impact Factor:3.022 ; Rank:75/211=35.55% ; SURGERY)
5. Dung H. Nguyen, **Pang-Yun Chou**, Yu-Hsuan Hsieh, Arash Momeni, Yu-Hua Dean Fang, Ketan M. Patel, Chin-Yu Yang, Ming-Huei Cheng*. Quantity of lymph nodes correlates with improvement in lymphatic drainage in treatment of hind limb lymphedema with lymph node flap transfer in rats. *Microsurgery*. 02/2015. Volume:36 & Issue:3 ; Page:239-245. (SCI ; Impact Factor:2.080 ; Rank:128/211 = 60.66 % ; SURGERY)
6. Shih-Hsuan Mao, Yu-Hsuan Hsieh, **Pang-Yun Chou**, Victor Bong-Hang Shyu, Chien-Tzung Chen, Chih-Hao Chen*. Quantitative Determination of Zygomaticomaxillary Complex Position Based on Computed Tomographic Imaging. *Annals of Plastic Surgery*. 03/2016. Volume:76 & Issue:1 ; Page:S117-S120.(SCI ; Impact Factor:1.763 ; Rank:155/211=73.46% ; SURGERY)
7. John Chung-Han Wu, **Pang-Yun Chou**, Chih-Hao Chen*. Nasal gouty tophus: Report a rare case presenting as a nasal hump with nasal obstruction. *Biomedical Journal*. 08/2016. Volume:39 & Issue:4 ; Page:295–297.(SCI ; Impact Factor:7.892 ; Rank:28/139=20.14% ; MEDICINE, RESEARCH & EXPERIMENTAL)

8. **Pang-Yun Chou**, Cheng-Hung Lin, Chung-Chen Hsu, Wei-Hsun Yang, Alex A. Kane, Chih-Hung Lin*. Salvage of post-cranioplasty implant exposure using free tissue transfer. *Head & Neck*. 03/2017. Volume:39 & Issue:8 ; Page:1655-1661. (SCI ; Impact Factor:3.821 ; Rank:48/211=22.75% ; SURGERY)

9. **Pang-Yun Chou**, Rami Robert Hallac, Shitel Patel, Min-Jeong Cho, Neil Stewart, James M Smartt, James Seaward, Alex A Kane, Christopher Armen Derderian*. Three-dimensional changes in head shape after extended sagittal strip craniectomy with wedge osteotomies and helmet therapy. *Journal of Neurosurgery: Pediatrics*. 06/2017. Volume:19 & Issue:6 ; Page:684-689.(SCI ; Impact Factor:2.713 ; Rank:93/211= 44.08 % ; SURGERY)

10. Cheng-I Yen, **Pang-Yun Chou**, Chih-Hao Chen, Tzu-Yin Chen, Chien-Tzung Chen, Wen-Yen Lin, Ming-Yih Lee*. Kinematic, kinetic, and surface electromyography analysis following zygomatic fracture. *Journal of Medical and Biological Engineering*. 06/2017. Volume:37 & Issue:4 ; Page:468-473. (SCI ; Impact Factor:2.213 ; Rank:75/98=76.53% ; ENGINEERING, BIOMEDICAL)

11. **Pang-Yun Chou**, Rami R. Hallac, Tochi Ajiwe, Xian-Jin Xie, Yu-Fang Liao, Alex A. Kane, Yong Jong Park*. The role of Nasoalveolar molding: A 3D Prospective analysis. *Scientific Reports*. 08/2017. Volume:7 & Issue:1 ; Page:1-8.(SCI ; Impact Factor:4.996 ; Rank:19/73=26.03% ; Multidisciplinary Sciences)

12. Chih-Hao Chen, Shih-Hsien Chen, Shih-Hsuan Mao, Ming-Jin Tsai, **Pang-Yun Chou**, Chien-Hung Liao, Jyh-Ping Chen*. Injectable thermosensitive hydrogel containing hyaluronic acid and chitosan as a barrier for prevention of postoperative peritoneal adhesion. *Carbohydrate Polymers*. 10/2017. Volume:173 & Issue:1 ; Page:721-731.(SCI ; Impact Factor:10.723 ; Rank:3/90=3.33% ; POLYMER SCIENCE)

13. **Pang-Yun Chou**, Shih-Heng Chen, Chih-Hao Chen, Shih-Hsien Chen, Yi Teng Fong, Jyh-Ping Chen*. Thermo-responsive in-situ forming hydrogels as barriers to prevent post-operative peritendinous adhesion. *Acta Biomaterialia*. 11/2017. Volume:63 & Issue:1 ; Page:85-95.(SCI ; Impact Factor:10.633 ; Rank:13/98=13.27% ; ENGINEERING, BIOMEDICAL)

14. Shih-Hsuan Mao, Tzu-Chin Lin, Chih-Hao Chen, **Pang-Yun Chou**, Shang-Yun Wang, Yon-Cheong Wong, Chien-Tzung Chen*. Prediction of traumatic carotid-cavernous sinus fistula via noncontrast computed tomography by fracture pattern and abnormality of venous system. *Journal of Trauma and Acute Care Surgery*. 02/2018. Volume:84 & Issue:2 ; Page:312-318. (SCI ; Impact Factor:3.697 ; Rank:51/211=24.17% ; SURGERY)

15. **Pang-Yun Chou**, Rami R. Hallac, James Seaward, Alex A. Kane*. 3D-Printed Models of Cleft Lip and Palate for Surgical Training and Patient Education. *Cleft Palate-Craniofacial Journal*. 03/2018. Volume:55 & Issue:3 ; Page:323-327.(SCI ; Impact Factor:1.915 ; Rank:141/211=66.83% ; SURGERY)

16. John Chung-Han Wu, **Pang-Yun Chou**, Po-Fang Wang, Hung-Chi Chen, Shih-Heng Chen*. Synovial Sarcoma of Hand with Unexpected Presentations Mimicking that of a Neurilemmoma - Case Report and Review of Literature. *The Journal of Taiwan Society of Plastic Surgery 臺灣整形外科醫學會雜誌*. 09/2018. Volume:27 & Issue:3 ; Page:198-205.

17. Stewart, Neil, Hallac, Rami, **Pang-Yun Chou**, Koral, Korgun, Blackburn, Tim, Kane, Alex, Seaward, James*. Craniofacial Flash: Minimizing Radiation Dose in Pediatric Craniofacial Computed Tomography. *Journal of Craniofacial Surgery*. 10/2018. Volume:29 & Issue:7 ; Page:1751-1754. (SCI ; Impact Factor:1.172 ; Rank:181/211=85.79% ; SURGERY)

18. Shih-Hsuan Mao, Ajiwe Tochi, Wang Rebecca, Wong Fen-Hwa, **Chou Pang-Yun***, Lo Lun-Jou*. The Effectiveness of an International Cleft Mission Model in Asia: An Update. *Annals of Plastic Surgery*. 01/2019. Volume:82 & Issue:1S ; Page:S23-S28. (SCI ; Impact Factor:1.763 ; Rank:155/211=73.46% ; SURGERY)

19. Shih-Heng Chen, **Pang-Yun Chou**, Zhi-Yu Chen, Feng-Huei Lin*. Electrospun Water-Borne Polyurethane Nanofibrous Membrane as a Barrier for Preventing Postoperative Peritendinous Adhesion. *International Journal of Molecular Sciences*. 04/2019. Volume:20 & Issue:7 ; Page:1625. (SCI ; Impact Factor:6.208 ; Rank:69/296=23.31% ; BIOCHEMISTRY & MOLECULAR BIOLOGY)

20. **Pang-Yun Chou**, Rafael Denadai, Shih-Heng Chen, Hsiao-Jung Tseng, Chih-Kai Hsu, Sheng-Wei Wang, Rami Hallac, Chih-Hao Chen, Alex A. Kane, Lun-Jou Lo*. Identifying Three-Dimensional Facial Fluctuating Asymmetry in Normal Pediatric Individuals: A Panel Assessment Outcome Study of Clinicians and Observers. *Journal of clinical medicine*. 05/2019. Volume:8 & Issue:5 ; Page:648. (SCI ; Impact Factor:4.964 ; Rank:54/172=31.4% ; MEDICINE, GENERAL & INTERNAL)

21. Shih-Hsuan Mao, Chih-Kai Hsu, Cheng-I Yen, Hsiao-Jseng Tseng, Chih-Hao Chen, Han-Tsung Liao, Chien-Tzung Chen, **Pang-Yun Chou***. Analysis of Facial Bone Fractures Reconstruction in A Tertiary Center of Taiwan: A 3-year Retrospective Study of 503 Case. *Journal of Taiwan Society of Plastic Surgery 臺灣整形外科醫學會雜誌*. 06/2019. Volume:28 & Issue:2 ; Page:71-82.

22. Rafael Denadai, **Pang-Yun Chou**, Yu-Ying Su, Chi-Chin Lo, Hsiu-Hsia Lin, Cheng-Ting Ho, Lun-Jou Lo*. Facial Appearance and Psychosocial Features in Orthognathic Surgery: A FACE-Q- and 3D Facial Image-Based Comparative Study of Patient-, Clinician-, and Lay-Observer-Reported Outcomes. *Journal of Clinical Medicine*. 06/2019. Volume:8 & Issue:6 ; Page:909. (SCI ; Impact Factor:4.964 ; Rank:54/172=31.4% ; MEDICINE, GENERAL & INTERNAL)
23. **Pang-Yun Chou**, Rafael Denadai, Rami R. Hallac, Sarayuth Dumrongwongsiri, Wei-Chuan Hsieh, Betty CJ Pai, Lun-Jou Lo*. Comparative Volume Analysis of Alveolar Defect by 3D Simulation. *Journal of Clinical Medicine*. 09/2019. Volume:8 & Issue:9 ; Page:1401. (SCI ; Impact Factor:4.964 ; Rank:54/172=31.4% ; MEDICINE, GENERAL & INTERNAL)
24. **Pang-Yun Chou**, Rafael Denadai, Chit Chen, Betty Chien-Jung Pai, Kai-Hsiang Hsu, Che-Tzu Chang, Dax Pascasio, Jennifer Ann-Jou Lin, Yu-Ray Chen, Lun-Jou Lo*. Comparison of Orthognathic Surgery Outcomes Between Patients With and Without Underlying High-Risk Conditions: A Multidisciplinary Team-Based Approach and Practical Guidelines. *Journal of Clinical Medicine*. 10/2019. Volume:8 & Issue:11 ; Page:1760. (SCI ; Impact Factor:4.964 ; Rank:54/172=31.4% ; MEDICINE, GENERAL & INTERNAL)
25. Bih-Show Lou, Chih-Ho Lai, Teng-Ping Chu, Jang-Hsing Hsieh, Chun-Ming Chen, Yu-Ming Su, Chun-Wei Hou, **Pang-Yun Chou**, Jyh-Wei Lee*. Parameters Affecting the Antimicrobial Properties of Cold Atmospheric Plasma Jet. *Journal of Clinical Medicine*. 11/2019. Volume:8 & Issue:11 ; Page:1930. (SCI ; Impact Factor:4.964 ; Rank:54/172=31.4% ; MEDICINE, GENERAL & INTERNAL)
26. Rafael Denadai, Junior Chun-Yu Tu, Ya-Ru Tsai, Yi-Ning Tsai, Emma Yuh-Jia Hsieh, Betty CJ Pai, Chih-Hao Chen, Alex Kane, Lun-Jou Lo, **Pang-Yun Chou***. Workflow and Strategies for Recruitment and Retention in Longitudinal 3D Craniofacial Imaging Study. *International Journal of Environmental Research and Public Health*. 11/2019. Volume:16 & Issue:22 ; Page:4438. (SCI ; Impact Factor:4.614 ; Rank:45/182=24.73% ; PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH)
27. Rami R. Hallac, Nikhitha Thrikutam, **Pang-Yun Chou**, Rong Huang, James R. Seaward, Alex A. Kane*. Kinematic Analysis of Smiles in the Healthy Pediatric Population Using 3-Dimensional Motion Capture. *Cleft Palate-Craniofacial Journal*. 11/2019. Volume:57 & Issue:4 ; Page:430-437. (SCI ; Impact Factor:1.915 ; Rank:141/211=66.83% ; SURGERY)
28. **Pang-Yun Chou**, Dennis Kao, Rafael Denadai, Chu-Yen Huang, Cheng-Hung Lin, Chih-Hung Lin*. Anterolateral thigh free flaps for the reconstruction of scalp angiosarcoma – 18-year experience in Chang Gung memorial hospital. *Journal of Plastic Reconstructive and Aesthetic Surgery*. 12/2019. Volume:72 & Issue:12 ; Page:1900-1908. (SCI ; Impact Factor:3.022 ; Rank:75/211=35.55% ; SURGERY)

29. Chih-Kai Hsu, Rami R. Hallac, Rafael Denadai, Sheng-Wei Wang, Alex A. Kane, Lun-Jou Lo, **Pang-Yun Chou***. Quantifying normal head form and craniofacial asymmetry of elementary school students in Taiwan. *Journal of Plastic Reconstructive and Aesthetic Surgery*. 12/2019. Volume:72 & Issue:12 ; Page:2033-2040. (SCI ; Impact Factor:3.022 ; Rank:75/211=35.55% ; SURGERY)

30. **Pang-Yun Chou**, Rafael Denadai, Chuan-Fong Yao, Ying-An Chen, Chun-Shin Chang, Clement Cheng-Hui Lin, Yu-Fang Liao, Eric J. W. Liou, Ellen Wen-Ching Ko, Lun-Jou Lo, Chiung-Shing Huang, Yu-Ray Chen*. History and Evolution of Orthognathic Surgery at Chang Gung Craniofacial Center Lessons Learned From 35-Year Experience. *Annals of Plastic Surgery*. 01/2020. Volume:84 & Issue:1S ; Page:S60-S68. (SCI ; Impact Factor:1.763 ; Rank:155/211=73.46% ; SURGERY)

31. **Pang-Yun Chou**, Yun-Huan Hsieh, Cheng-Hung Lin*. Necrotizing fasciitis of the entire head and neck Literature review and case report. *Biomedical Journal*. 02/2020. 4 Volume:3 & Issue:1 ; Page:94-98.(SCI ; Impact Factor:7.892 ; Rank:28/139=20.14% ; MEDICINE, RESEARCH & EXPERIMENTAL)

32. Fang-Yu Hsu, Bo-Ru Lai, Hsiu-Hsia Lin, Hung-Chang Chen,Chien-Tzung Chen, **Pang-Yun Chou***. Optimizing Outcome of Secondary Traumatic Craniofacial Deformity Using Virtual Planning, Three-Dimensional Printing, and Intra-operative Navigation. *Journal of Taiwan Society of Plastic Surgery 臺灣整形外科醫學會雜誌*. 03/2020. Volume:29 & Issue:1 ; Page:45-53.

33. Rafael Denadai, **Pang-Yun Chou**, Hyung Joon Seo, Daniel Lonic, Hsiu-Hsia Lin, Betty C. J. Pai, Lun-Jou Lo*. Patient- and 3D morphometry-based nose outcomes after skeletofacial reconstruction. *Scientific Reports*. 03/2020. Volume:10 & Issue:1 ; Page:1-16. (SCI ; Impact Factor:4.996 ; Rank:19/73=26.03% ; Multidisciplinary Sciences)

34. Rafael Denadai, **Pang-Yun Chou**, Yu-Ying Su, Hsiu-Hsia Lin, Cheng-Ting Ho, Lun-Jou Lo*. The Impacts of Orthognathic Surgery on the Facial Appearance and Age Perception of Patients Presenting Skeletal Class III Deformity: An Outcome Study Using the FACE-Q Report and Surgical Professional–Based Panel Assessment. *Plastic and Reconstructive Surgery*. 04/2020. Volume:145 & Issue:4 ; Page:1035-1046.(SCI ; Impact Factor:5.169 ; Rank:27/211=12.8% ; SURGERY)

35. Bih-Show Lou, Jang-Hsing Hsieh, Chun-Ming Chen, Chun-Wei Hou, Hui-Yu Wu, **Pang-Yun Chou**, Chih-Ho Lai*, Jyh-Wei Lee*. Helium/Argon-Generated Cold Atmospheric Plasma Facilitates Cutaneous Wound Healing. *Frontiers in Bioengineering and Biotechnology*. 06/2020. Volume:8 & Issue:683 ; Page:1-11.(SCI ; Impact Factor:6.064 ; Rank:16/73=21.92 % ; MULTIDISCIPLINARY SCIENCES)

36. Rafael Denadai, **Pang-Yun Chou**, Betty C. J. Pai, Chit Chen, Clement Cheng-Hui Lin, Chiung-Shing Huang, Yu-Ray Chen, Lun-Jou Lo*. Skeletofacial Reconstruction for Cleft-Related deformities Four Decades of Evolving Cleft Care. *Annals of Plastic Surgery*. 07/2020. Volume:85 & Issue:1 ; Page:3-11.(SCI ; Impact Factor:1.763 ; Rank:155/211=73.46% ; SURGERY)
37. Kyung Hoon Chung, Nobuhiro Sato, **Pang-Yun Chou**, Lun-Jou Lo*. An Intraoperative Rescue Procedure for the Protruding Premaxilla in the Repair of Complete Bilateral Cleft Lip: Rapid Premaxillary Molding. *Cleft Palate-Craniofacial Journal*. 07/2020. Volume:58 & Issue:2 ; Page:251-256. (SCI ; Impact Factor:1.915 ; Rank:141/211=66.83% ; SURGERY)
38. Rafael Denadai, **Pang-Yun Chou**, Soyeon Jung, Nobuhiro Sato, Dax Carlo G. Pascasio, Lun-Jou Lo*. A Surgical and Educational Video of the Inferior Turbinate Mucosal Flap for the Nasal Floor and Intraoral Reconstruction in Unilateral Complete Cleft Lip Repair. *Cleft Palate-Craniofacial Journal*. 08/2020. Volume:57 & Issue:8 ; Page:1045-1050. (SCI ; Impact Factor:1.915 ; Rank:141/211=66.83% ; SURGERY)
39. Rafael Denadai, **Pang-Yun Chou**, Michela Bergonzani, Nobuhiro Sato, Claudia Yun, Lun-Jou Lo*. A Comparative Study Evaluating Speech Outcomes in Classic versus Occult Submucous Cleft Palate Using a Primary Furlow Palatoplasty Technique. *Plastic and Reconstructive Surgery*. 09/2020. Volume:146 & Issue:3 ; Page:589-598. (SCI ; Impact Factor:5.169 ; Rank:27/211=12.8% ; SURGERY)
40. Fang-Yu Hsu, Andy Deng-Chi Chuang, **Pang-Yun Chou***, Daniel Chung-Hsing Huang, Yu-Ray Chen. Correction of Severe Congenital Facial Asymmetry with Malocclusion Using Two-Jaw Surgery with Computer-Assisted Simulation. *Journal of Taiwan Society of Plastic Surgery 臺灣整形外科醫學會雜誌*. 09/2020. Volume:29 & Issue:3 ; Page:228-240.
41. Zhi-Yu Chen, Shih-Heng Chen, Chih-Hao Chen, **Pang-Yun Chou**, Chun-Chen Yang, Feng-Huei Lin*. Polysaccharide Extracted from *Bletilla striata* Promotes Proliferation and Migration of Human Tenocytes. *Polymers*. 11/2020. Volume:12 & Issue:11 ; Page:2567. (SCI ; Impact Factor:4.967 ; Rank:16/90=17.78% ; POLYMER SCIENCE)
42. Rafael Denadai*, Hyung Joon Seo, Nobuhiro Sato, Dax Carlo G. Pascasio, **Pang-Yun Chou**. Virtual Consultations for Cleft-Craniofacial Conditions Amid the COVID-19 Pandemic and Beyond. *Journal of Craniofacial Surgery*. 11/2020. Volume:31 & Issue:8 ; Page:e808-e809. (SCI ; Impact Factor:1.172 ; Rank:181/211=85.79% ; SURGERY)
43. Rafael Denadai, Betty C J Pai, Nobuhiro Sato, Daniel Lonic, **Pang-Yun Chou**, Lun-Jou Lo*. Bilateral Complete Cleft Lip Repair: A Step-by-Step Video Series. *Plastic and Reconstructive Surgery*. 12/2020. Volume:146 & Issue:6 ; Page:1352-1356. (SCI ; Impact Factor:5.169 ; Rank:27/211=12.8% ; SURGERY)

44. Shih-Heng Chena, **Pang-Yun Chou**, Zhi-Yu Chen, David Chwei-Chin Chuang, Sung-Tsang Hsiehd, Feng-Huei Lin* . An electrospun nerve wrap comprising Bletilla striata polysaccharide with dual function for nerve regeneration and scar prevention. *Carbohydrate Polymers*. 12/2020. Volume:250 & Issue:1 ; Page:116981. (SCI ; Impact Factor:10.723 ; Rank:3/90=3.33% ; POLYMER SCIENCE)

45. **Pang-Yun Chou**, Ying-Chao Chou, Yu-Hsuan Lai, Yu-Ting Lin, Chia-Jung Lu, Shih-Jung Liu *. Fabrication of Drug-Eluting Nano-Hydroxylapatite Filled Polycaprolactone Nanocomposites Using Solution-Extrusion 3D Printing Technique. *Polymers*. 01/2021. Volume:13 & Issue:3 ; Page:318. (SCI ; Impact Factor:4.967 ; Rank:16/90=17.78% ; POLYMER SCIENCE)

46. Yi-Yu Lin, Rafael Denadai, **Pang-Yun Chou**, Chuan-Fong Yao, Ying-An Chen, Po-Fang Wang, Clement Cheng-Hui Lin*, Yu-Ray Chen. Impact of the Different Types of Le Fort I Maxillary Surgical Movement on Nasal Width Changes: A Photogrammetric Analysis. *Annals of Plastic Surgery*. 02/2021. Volume:86 & Issue:2S ; Page:S64-S69. (SCI ; Impact Factor:1.763 ; Rank:155/211=73.46% ; SURGERY)

47. Kai-Ti Chuang, Rafael Denadai, Jin-Han Yong, **Pang-Yun Chou***, Yu-Ray Chen*. Long-Term Photogrammetric- and Panel Assessment-Based Outcome Study of Staged Reconstructive Approach for Hypertelorism Correction. *Annals of Plastic Surgery*. 02/2021. Volume:86 & Issue:2S ; Page:S52-S57. (SCI ; Impact Factor:1.763 ; Rank:155/211=73.46% ; SURGERY)

48. Rafael Denadai, **Pang-Yun Chou**, Dax Carlo Go Pascasio, Lun-Jou Lo*. Modified Unilateral Incomplete Cleft Lip Repair with Primary Nasal Overcorrection: A Muscle-Driven Technique. *Plastic and Reconstructive Surgery*. 03/ 2021. Volume:147 & Issue:3 ; Page:700-705. (SCI ; Impact Factor:5.169 ; Rank:27/211=12.8% ; SURGERY)

49. Aishwarya Ramamurthi, Rami R. Hallac, **Pang-Yun Chou**, Laura Kenyon, Christopher A. Derderian*. Three-Dimensional Treatment Outcomes of a Virtual Helmet Design Protocol for Sagittal Strip Craniectomy. *Plastic and Reconstructive Surgery*. 03/2021. Volume:47 & Issue:3 ; Page:436-443. (SCI ; Impact Factor:5.169 ; Rank:27/211=12.8% ; SURGERY)

50. Rafael Denadai, **Pang-Yun Chou***, Yi-Yu Lin, Chuan-Fong Yao, Ying-An Chen, Chiung-Shing Huang, Lun-Jou Lo, Yu-Ray Chen. Type of maxillary segment mobilization affects three-dimensional nasal morphology. *Journal of Plastic Reconstructive and Aesthetic Surgery*. 03/2021. Volume:74 & Issue:3 ; Page:592-604. (SCI ; Impact Factor:3.022 ; Rank:75/211=35.55% ; SURGERY)

51. Rafael Denadai, **Pang-Yun Chou***, Chuan-Fong Yao, Ying-An Chen, Yi-Yu Lin, Chiung-Shing Huang, Lun-Jou Lo, Yu-Ray Chen. Effect of Le Fort I Maxillary Repositioning on Three-Dimensional Nasal Tip Rotation: A Comparative Study with Implication for the Asian Nose. *Plastic and Reconstructive Surgery*. 04/2021. Volume:147 & Issue:4 ; Page:903-914. (SCI ; Impact Factor:5.169 ; Rank:27/211=12.8% ; SURGERY)

52. **Pang-Yun Chou***, Rafael Denadai, Lun-Jou Lo, Yu-Ray Chen. Simultaneous Midface Advancement and Orthognathic Surgery: A Powerful Technique for Managing Midface Hypoplasia and Malocclusion. *Plastic and Reconstructive Surgery*. 06/2021. Volume:147 & Issue:6 ; Page:1074e-1075e. (SCI ; Impact Factor:5.169 ; Rank:27/211=12.8% ; SURGERY)

53. Po-Fang Wang, Dax Carlo Pascasio, Soo Ha Kwon, Shih-Hsien Chen, **Pang-Yun Chou***, Chuan-Fong Yao, Ying-An Chen, Cheng-Hui Lin, Yu-Ray Chen*. The Effect of Absorbable and Nonabsorbable Sutures on Nasal Width Following Cinch Sutures in Orthognathic Surgery. *SYMMETRY-BASEL*. 08/2021. Volume:13 & Issue:8 ; Page:1495. (SCI ; Impact Factor:2.94 ; Rank:34/73=46.58% ; MULTIDISCIPLINARY SCIENCES)

54. Pin-Ru Chen, Yu-Ching Lin, Betty Chien-Jung Pai, Hsiao-Jung Tseng, Lun-Jou Lo, **Pang-Yun Chou***. Progressive Comparison of Density Assessment of Alveolar Bone Graft in Patients with Unilateral and Bilateral Cleft. *Journal of Clinical Medicine*. 11/2021. Volume:10 & Issue:21 ; Page:5143. (SCI ; Impact Factor:4.964 ; Rank:54/172=31.4% ; MEDICINE, GENERAL & INTERNAL)

55. **Pang-Yun Chou**, Demei Lee, Chi-Chang Weng, Ren-Chin Wu, Chien-Tun Liao, Shih-Jung Liu*. Bone Morphogenetic Protein-, Antimicrobial Agent-, and Analgesic-Incorporated Nanofibrous Scaffolds for the Therapy of Alveolar Clefts. *Pharmaceutics*. 02/2022. Volume:14 & Issue:2 ; Page:374. (SCI ; Impact Factor:6.525 ; Rank:39/279=13.98% ; PHARMACOLOGY & PHARMACY)

56. **Pang-Yun Chou**, Demei Lee, Shih-Heng Chen, Chien-Tun Liao, Lun-Jou Lo, Shih-Jung Liu*. 3D-printed electrospun bioresorbable nanofibrous drug-eluting cuboid frames for repair of alveolar bone defects. *International Journal of Pharmaceutics*. 03/2022. Volume:615 & Issue:1 ; Page:121497. (SCI ; Impact Factor:6.51 ; Rank:40/279=14.34% ; PHARMACOLOGY & PHARMACY)

57. Chih-Kai Hsu, Rafael Denadai, Chun-Shin Chang, Chuan-Fong Yao, Ying-An Chen, **Pang-Yun Chou***, Lun-Jou Lo, Yu-Ray Chen. The Number of Surgical Interventions and Specialists Involved in the Management of Patients with Neurofibromatosis Type I: A 25-Year Analysis. *Journal of Personalized Medicine*. 04/2022. Volume:12 & Issue:4 ; Page:558. (SCI ; Impact Factor:4.964 ; Rank:54/172=31.4% ; MEDICINE, GENERAL & INTERNAL)

58. Szu-Han Wang, Chuan-Fong Yao, **Pang-Yun Chou***, Hsiu-Hsia Lin, Yu-Fang Liao, Zung-Chung Chen, Lun-Jou Lo. Application of Three-Dimensional Printing in Craniofacial Surgery--A Single Institution's 6-Year Experience. *The Journal of Taiwan Society of Plastic Surgery 臺灣整形外科醫學會雜誌*. 06/2022. Volume:31 & Issue:2 ; Page:84-94.

59. Chi-Chin Lo, Rafael Denadai, Hsiu-Hsia Lin, Betty Chien-Jung Pai, Yu-Ying Chu, Lun-Jou Lo, **Pang-Yun Chou***. Favorable Transverse Maxillary Development after Covering the Lateral Raw Surfaces with Buccal Fat Flaps in Modified Furlow Palatoplasty: A Three-Dimensional Imaging-Assisted Long-Term Comparative Outcome Study. *Plastic and Reconstructive Surgery*. 07/2022. Volume:150 & Issue:2 ; Page:396e-405e. (SCI ; Impact Factor:5.169 ; Rank: 27/211=12.8 % ; SURGERY)
60. Ai-Lun Lo, Rami R Hallac, Shih-Heng Chen, Kai-Hsiang Hsu, Sheng-Wei Wang, Chih-Hao Chen, Rei-Yin Lien, Lun-Jou Lo, Pang-Yun Chou*. Craniofacial Growth and Asymmetry in Newborns: A Longitudinal 3D Assessment. *International Journal of Environmental Research and Public Health*. 09/2022. Volume:19 & Issue:19 ; Page: 12133. (SCI ; Impact Factor: 4.614 ; Rank: 45/182=24.73 % ; PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH)

《Oral Presentations》

1. **Pang-Yun Chou.** Holger Engel, Jung-Ju Huang, Ming-Huei Cheng M.H.A*, Tongue Reconstruction with free tissue transfer *An experience with 110 cases*. Presented in 10th IPRAS/APS, Tokyo, Japan, Oct 8-10, 2009.
2. **Pang-Yun Chou.** Holger Engel, Jung-Ju Huang, Ming-Huei Cheng M.H.A*, Subcutaneous Tissue Expansion and Subsequent Subpectoral Implantation for Breast Reconstruction in Asian Patients. Presented in 2nd World Congress for Plastic Surgeons of Chinese Descent, Lin-Kou, Taiwan, Oct 28-31, 2010.
3. Wan Derrick C, **Pang-Yun Chou.** Amaral, Cassio Raposo do, Kawamoto, Henry K, Bradley James P*, (USA), Correction of Hypertelorbitism: Evaluation of Relapse on Long-term Follow-up, Presented in 2nd World Congress for Plastic Surgeons of Chinese Descent, Lin-Kou, Taiwan, Oct 28-31, 2010.
4. **Pang-Yun Chou.** Wei-Cheng Ching, Lun-Jou Lo, Yu-Ray Chen*, Aesthetic Restoration of Fronto-orbital Deformity with Prefabricated Implant Utilizing Modeling Clay and Rapid Prototyping Technology. Presented at Annual Conference of the Surgical Association, ROC. Taipei, Mar, 2011.
5. **Pang-Yun Chou.** Chia-Hsuan Tsai, Hiroki Tashima, Kachin Wattanawong, Cheng-Ting Ho, DDS; Ellen Wen-Ching Ko, DDS; Lun-Jou Lo*, Orthognathic Surgery in Patients with Undiagnosed Type I Osteogenesis Imperfecta, Presented at Annual Conference of the Surgical Association, ROC. Taipei, Mar, 2011.
6. **Pang-Yun Chou.** Lun-Jou Lo*, Reconstruction of Bilateral Choanal Atresia. Presented at 2011 Chang Gung Mayo Clinic Symposium in Reconstructive Surgery, Taipei, Oct 27-30, 2011
7. **Pang-Yun Chou.** Lun-Jou Lo, Kuo-Ting Chen, Yu-Ray Chen, M. Samuel Noordhoff*, Preoperative Lip Measurement in Patients with Unilateral Complete Cleft Lip / Palate and its Comparison with Norms. Presented at 2011 Chang Gung Mayo Clinic Symposium in Reconstructive Surgery, Taipei, Oct 27-30, 2011.
8. **Pang-Yun Chou.** Kuo-Ting Chen, Yu-Ray Chen, M. Samuel Noordhoff*, Evaluation of clinical outcomes of Gingivoperiosteoplasty in Patients with Unilateral Cleft. Presented at Annual Conference of Taiwan Society of Plastic Surgery, Taipei, Nov 12, 2011.

9. **Pang-Yun Chou**, Lun-Jou Lo*, Reconstruction of Bilateral Choanal Atresia. Presented at Annual Conference of the Surgical Association, ROC. Taipei, Mar, 2012.
10. **Pang-Yun Chou**, Zung-Chung Chen, Chung-Chen Hsu, Kuo-Ting Chen, Jun-Jo Lo, Hsiang-Ya Wang*, Application of Human Fibrin Sealant in Microtia Reconstruction, Presented at Annual Conference of the Surgical Association, ROC. Taipei, Mar 17, 2013.
11. **Pang-Yun Chou**, Chih-Cheng Luo, Philip Kuo-Ting Chen, Yu-Ray Chen, M. Samuel Noordhoff, Lun-Jou Lo*, Preoperative Lip Measurement in Patients with Complete Unilateral Cleft Lip/Palate and Its Comparison with Norms, Presented at 15th International Congress of International Society of Craniofacial Surgery, Jackson Hole, Wyoming, USA, Sep 10-14, 2013.
12. **Pang-Yun Chou**, Hung-Chang Chen Chia-Hsuan Tsai Chun-Hao Pan Chien-Tzung Chen*, A Rare Nodular Fasciitis involving the finger: A Case Report, Presented at Annual Conference of Taiwan Society of Plastic Surgery, Taipei, Nov 17, 2013.
13. **Pang-Yun Chou**, Min-Long Wang, Chih-Hung Lin*, Free osteo-septo-cutaneous fibular transfer for osteo-radio-necrosis and trismus Experience in Xiamen Chang Gung Memorial Hospital, Presented at Annual Conference of Taiwan Society of Plastic Surgery, Taipei, Nov 17, 2013.
14. **Pang-Yun Chou**, Min-Long Wang, Chih-Hung Lin*, Free osteo-septo-cutaneous fibular transfer for osteo-radio-necrosis and trismus Experience in Xiamen Chang Gung Memorial Hospital, Presented at Annual Conference of the Surgical Association, ROC. Taipei, Mar 15, 2014.
15. **Pang-Yun Chou**, Hung-Chang Chen, Chia-Hsuan Tsai, Chun-Hao Pan, Chien-Tzung Chen*, A Rare Nodular Fasciitis involving the finger: A Case Report, Presented at Annual Conference of the Surgical Association, ROC. Taipei, Mar 16, 2014.
16. **Pang-Yun Chou**, Chih-Hao Chen, Cheng-Hung Lin, Han-Tsung Liao, Chung-Chen Hsu, Jiun-Ting Yeh, Yu-Te Lin*, Salvage for a Life with Fulminant Cervico-facial and Scalp Necrotizing Fasciitis Following Odontogenic Infection, Presented at Combined Annual Meeting of Taiwan Society of Plastic Surgery and Taiwan Society of Aesthetic Plastic Surgery with Thailand-Singapore-Taiwan (TST) Triangle Plastic Surgical Conference, Taipei, Dec 19, 2014.
17. **Pang-Yun Chou**, Rami R. Hallac, Jacqueline Wegge, Christopher Warne, Ana Nava, Paul Tiwana, Alex A. Kane*, Christopher A. Derderian, Midline Bone Graft and Temporal Limb Bandeau Modification in Fronto-Orbital Advancement for Unicoronal Craniosynostosis: A 3D Assessment of Symmetry, Presented at The American Cleft Palate-Craniofacial Association (ACPA), 74th Annual at The Broadmoor in Colorado Springs, Colorado, USA, March 13 - 18, 2017.
18. **Pang-Yun Chou**, Rami R. Hallac, Alex A. Kane, Yongjong Park*, The Role of Nasoalveolar Molding: A 3D Longitudinal Analysis, Presented at 95th International Association for Dental Research, IADR, conjunction with the 46th Annual Meeting of the AADR, and the 41st Annual Meeting of the CADR at San Francisco, Calif., USA, March 22 – 25, 2017.
19. **Pang-Yun Chou**, Rami R. Hallac, Alex Kane, YongJong Park*, The Role of Nasoalveolar Molding (NAM): A 3D Longitudinal Analysis, Presented at The American Cleft Palate-Craniofacial Association (ACPA), 75th Annual at The Westin Convention Center in Pittsburgh, Pennsylvania, USA, April 9 - 14, 2018.

20. **Pang-Yun Chou**, Chih-Kai Hsu, Sheng-Wei Wang, Rami R Hallac, Lun-Jou Lo*, Curvature and Symmetric Analysis of Craniofacial Aspects in the Elementary School Students in Taiwan, Presented at The 6th World Congress for World Association for Plastic Surgeons of Chinese Descent, 2018 Asian Pacific Plastic and Reconstructive Surgery Forum and 2018 Annual Meeting of Taiwan Society of Plastic Surgery, in Taipei, Taiwan, November 29 – December 1, 2018.
21. **Pang-Yun Chou**, Chih-Kai Hsu, Sheng-Wei Wang, Rami R Hallac, Lun-Jou Lo*, Curvature and Symmetric Analysis of Craniofacial Aspects in the Elementary School Students in Taiwan, Presented at The 12th Congress of Asian Pacific Craniofacial Association, at Bundang, Korea, December 2 – 4, 2018.
22. **Pang-Yun Chou**, Rami R. Hallac, Wei-Chuan Hsieh, Lun-Jou Lo*, Assessment of Alveolar Defect Volume in Patients with Cleft lip and Palate using Two Novel Methods, Presented at The American Cleft Palate-Craniofacial Association (ACPA), 76th Annual at The Westin La Paloma in Tucson, Arizona, USA, April 9 - 13, 2019.
23. **Pang-Yun Chou**, Cranio-Facial Asymmetric Analysis of Students in the Elementary School, Presented at Annual Conference of the Surgical Association, ROC. Taipei, 2019.
24. **Pang-Yun Chou**, Workflow and Strategies for Recruitment and Retention in Longitudinal 3D Craniofacial Imaging Study, Presented at at Annual Conference of Taiwan Society of Plastic Surgery, Taipei, 2019.
25. **Pang-Yun Chou**, Chih-Kai Hsu, Rami R Hallac, Rafael Denadai, Sheng-Wei Wang, Alex A Kane, Ya-Ru Tsai, Lun-Jou Lo. Quantifying normal head form and craniofacial asymmetry of elementary school students in *TAIWAN*, Presented at 97th **International Association for Dental Research (IADR)**, conjunction with the 48th Annual Meeting of the AADR, and the 43rd Annual Meeting of the CADR at Vancouver, B.C., Canada, June 19-22, 2019.
26. **Pang-Yun Chou**, Chih-Kai Hsu, Rami R Hallac, Rafael Denadai, Sheng-Wei Wang, Alex A Kane, Ya-Ru Tsai, Lun-Jou Lo, Quantifying normal head form and craniofacial asymmetry – The elementary school students in *TAIWAN*, Presented at 18th **International Congress of International Society of Craniofacial Surgery (ISCFS)**, Paris, France, Sep 16-19, 2019.
27. **Pang-Yun Chou**, Rafael Denadai, Shih-Heng Chen, Hsiao-Jung Tseng, Chih-Kai Hsu, Sheng-Wei Wang, Rami Hallac, Chih-Hao Chen, Alex A. Kane, Lun-Jou Lo. Identifying Three-Dimensional Facial Fluctuating Asymmetry in Normal Pediatric Individuals: A Panel Assessment Outcome Study of Clinicians and Observers, Presented at 9th **Asian Pacific Cleft Lip-Palate & Craniofacial Congress (APCA)**, Khon Kaen, Thailand, Nov 11~12, 2019.
28. **Pang-Yun Chou**, Rami R. Hallac, Alex Kane, Lun-Jou Lo*, Identifying Three-Dimensional Facial Fluctuating Asymmetry in Normal Pediatric Individuals: A Panel Assessment Outcome Study of Clinicians and Observers, Presented at **The American Cleft Palate-Craniofacial Association (ACPA)**, 77th Annual in Portland, Oregon. March 31 - April 4, 2020. (Accepted, but meeting canceled due to COVID)
29. **Pang-Yun Chou**, The Dilemma in Dealing with Facial Asymmetry Using OGS, Presented at the **PLUS plastic surgery webinar**, Oct 21st, 2020.
30. **Pang-Yun, Chou**, Yu-Ray Chen et al, History and Evolution of Orthognathic Surgery at Chang Gung Craniofacial Center -- Lessons Learned From 35-Year Experience, Presented at at Annual Conference of Taiwan Society of Plastic Surgery, Taipei, 2020.

31. **Pang-Yun Chou**, Genioplasty, **Presented at Indian Society for Facial Trauma, Aesthetic and Reconstructive Surgery of Otorhinolaryngologist (ISFARO)**, Webinar, Jan 10, 2021.
32. **Pang-Yun Chou**, History and Evolution of Orthognathic Surgery at Chang Gung Craniofacial Center Lessons Learned From 35-Year Experience, Presented at Annual Conference of the Surgical Association, ROC. Taipei, 2021.
33. **Pang-Yun Chou**, Ying-Chao Chou, Y.H. Lai, Y.T. Lin, C.J. Lu, S.J. Liu, Manufacture of drug loaded polycaprolactone/hydroxylapatite nanocomposites employing solution-extrusion 3D printing technology, Biomaterial International 2021, online webinar, Taiwan, May 30-June 3, 2021.
34. **Pang-Yun Chou**, Yu-Ray Chen, History and Evolution of Orthognathic Surgery at Chang Gung Craniofacial Center Lessons Learned From 35-Year Experience, Presented at 25th **European Association for CranioMaxilloFacial Surgery (EACMFS)**, Virtual Event, Jul. 14~16, 2021.

《Poster Presentations》

1. Chih-Kai Hsu, Rami R Hallac, Rafael Denadai, Sheng-Wei Wang, Alex A Kane, Ya-Ru Tsai, Lun-Jou Lo, **Pang-Yun Chou**. Quantifying normal head form and craniofacial asymmetry of elementary school students in *TAIWAN*, Presented at 97th International Association for Dental Research, IADR, conjunction with the 48th Annual Meeting of the AADR, and the 43rd Annual Meeting of the CADR at Vancouver, B.C., Canada, June 19-22, 2019.
2. Chih-Kai Hsu, Rami R Hallac, Rafael Denadai, Sheng-Wei Wang, Alex A Kane, Ya-Ru Tsai, Lun-Jou Lo, **Pang-Yun Chou**: Quantifying normal head form and craniofacial asymmetry – The elementary school students in *TAIWAN*, Presented at 18th International Congress of International Society of Craniofacial Surgery, Paris, France, Sep 16-19, 2019.
3. **Pang-Yun Chou**, Rafael Denadai, Shih-Heng Chen, Hsiao-Jung Tseng, Chih-Kai Hsu, Sheng-Wei Wang, Rami Hallac, Chih-Hao Chen, Alex A. Kane, Lun-Jou Lo. Identifying Three-Dimensional Facial Fluctuating Asymmetry in Normal Pediatric Individuals: A Panel Assessment Outcome Study of Clinicians and Observers, Presented at 9th Asian Pacific Cleft Lip-Palate & Craniofacial Congress, Khon Kaen, Thailand, Nov 11~12, 2019.

《Patents》

1. Chih-Hao Chen, Shih-Hsien Chen, **Pang-Yun Chou**, Shih-Hsuan Mao, Chien-Hung Liao, FORMULATION OF FOAM THERMOSENSITIVE HYDROGEL AND METHOD OF MANUFACTURING SAME- US Patent 20,170,266,338, 2017

《Awards》

1. 陳志豪、陳思恒、周邦昀、陳世賢、陳志平* “開發新穎性之奈米纖維膜預防術後組織沾黏” 第十六屆國家新創獎, 2019
Chih-Hao Chen, Shih-Heng Chen, Pang-Yun Chou, Shih-Hsien Chen, Jyh-Ping Chen*, Development of Novel Nanofibrous Membranes for Prevention of Postoperative Tissue Adhesion. 16th National Innovation Award in the Academic Research Category by the Research Center for Biotechnology and Medicine Policy.
2. 林政輝、王柏方、周邦昀、姚全豐、陳盈安、陳昱瑞* “多片式上下顎旋轉前移術治療阻塞性睡眠呼吸終止症”，第十六屆國家新創獎, 2019
Cheng-Hui Lin, Po-Fang Wang, Pang-Yun Chou, Chuan-Fong Yao, Ying-An Chen, Yu-Ray Chen*, Segmental Maxillomandibular Rotational Advancement for Obstructive Sleep Apneics. 16th National Innovation Award in the Academic Research Category by the Research Center for Biotechnology and Medicine Policy.
3. 2019年永慶尖端醫療園區研究大樓國際研討會-學術海報競賽(醫師及臨床研究人員類)-佳作
4. 2020年林口長庚醫院整形外科系最佳教學主治醫師
5. 2020年林口長庚醫院外科部傑出研究獎
6. 2020年國家醫療品質獎-主題類主題改善組-桃園長庚紀念醫院團隊圈-潛力獎
7. 2020年度桃園長庚全院性品質提昇活動成果發表競賽-團隊圈-第二名
8. 2021年台灣人工智慧學校北部智慧醫療專班第四期-智慧醫療創新競賽-團隊佳作獎
9. 2022年林口長庚擔任第一作者發表高品質論文「Bone Morphogenetic Protein-, Antimicrobial Agent-, and Analgesic-Incorporated Nanofibrous Scaffolds for the Therapy of Alveolar Clefts」發表於國際優秀期刊「PHARMACEUTICS」; Impact Factor: 6.321; 領域排名:10.51%
10. 2022年林口長庚擔任第一作者發表高品質論文「3D-printed electrospun bioresorbable nanofibrous drug-eluting cuboid frames for repair of alveolar bone defects」發表於國際優秀期刊「International Journal of Pharmaceutics」; Impact Factor: 5.875; 領域排名:13.41%

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