

Name : Pang-Yun Chou, 周邦昀

Education:

1999~2006 MD, Chang Gung University, Medical College, Taiwan, R.O.C.

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-	Research Fellow Craniofacial Team, Plastic Surgery University of Texas, Southwestern Medical Center

Research Interest:

1. Imaging study(2D/3D/4D) for facial trauma, facial bone fractures reconstruction, orthognathic surgery and congenital diseases such as cleft lip and palate, hemifacial macrosomia, microtia
2. Aesthetic surgical skill differences in Orientals and Caucasians

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* 31:589–595, 2011.
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*, 21(2), 2012
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*, 21(4), 2012

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 Norms, *Journal of Plastic, Reconstructive & Aesthetic Surgery* (2013) 66, 513e517
5. Dung H. Nguyen, **Pang-Yun Chou**, Yu-Hsuan Hsieh, Arash Momeni, Yu-Hua Dean Fang, Ketan M. Patel, Chin-Yu Yang and 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*, 25 FEB 2015, DOI: 10.1002/micr.22388
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*, 2016;76:S117-S120.
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*, Volume 39, Issue 4, August 2016, Pages 295–297.
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*, 2017;39:1655–1661.
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*, 2017. **19**(6): p. 684-689
10. Injectable thermosensitive hydrogel containing hyaluronic acid and chitosan as a barrier for prevention of postoperative peritoneal adhesion, *Carbohydrate Polymers*, 10.1016/j.carbpol.2017.06.019
11. Kinematic, kinetic, and surface electromyography analysis following zygomatic fracture, *Journal of Medical and Biological Engineering*, 10.1007/s40846-017-0271-z

《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 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.

《Grants》

1. Injectable thermosensitive hydrogel for prevention of postoperative tendon adhesions, MOST 104 – 2314 – B – 182A – 145 – , 2015-Aug-01~2016-Jul-31
2. The 3-dimensional imaging symmetry analysis of the cranial skull of the normal kids in Taiwan, CMRPG3G0081, 2017-Jan-01~2019-Dec-31