

Lun-Jou Lo, M.D. 羅綸洲

Professor

Citizenship: Taipei, Taiwan

Office Address: Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, 5, Fu-Shin Street, Kweishan, Taoyuan, Taiwan 333. Tel: 886-3-328-1200 Ext 2430. Fax: 886-3-328-5818. E-mail: lunjoulo@cgmh.com.tw.

Education:

- (1) 1975–1982: Medical College of National Taiwan University, Taipei, Taiwan.
- (2) 1993-1995: Research fellow, Washington University Medical Center, St. Louis, Missouri, U.S.A.

Postgraduate Training and Experience:

- 1981- 1982: Internship, National Taiwan University Hospital, Taipei, Taiwan
- 1982- 1984: Military service. Instructor in Military Medicine, Army Medical Service School, Taipei, Taiwan
- 1984- 1987: Residency in General Surgery Chang Gung Memorial Hospital
- 1987- 1989: Residency in Plastic Surgery, Chang Gung Memorial Hospital
- 1989- 1990: Chief Resident in Plastic Surgery, Chang Gung Memorial Hospital
- 1990- 1993: Fellow/attending staff, Craniofacial Center, Department of Plastic Surgery, Chang Gung Memorial Hospital, Taipei, Taiwan
- 1993- 1995: Fellow, Division of Plastic Surgery, Washington University Medical Center, Saint Louis, Missouri, USA
- 1995- now: Attending Staff, Craniofacial Center and Department of Plastic Surgery, Chang Gung Memorial Hospital, Taipei, Taiwan
- 2002- 2006: Director, Pediatric Plastic Surgery, Chang Gung Children Hospital, Taipei, Taiwan
- 2003- 2006: Director, the Craniofacial Center, Chang Gung Memorial Hospital, Taipei, Taiwan
- 2004- now: Professor, Plastic & Reconstructive Surgery, Chang Gung Memorial Hospital, Taipei, Taiwan
- 2004- 2005: Director and Vice Chairman, Operating Room Committee, Chang Gung Memorial Hospital, Taipei, Taiwan
- 2005- 2006: Chairman, Department of Surgery, Taoyuan Branch Hospital, Chang Gung Memorial Hospital, Taoyuan, Taiwan

2006- 2009: Chairman, Plastic & Reconstructive Surgery, Chang Gung Memorial Hospital, Taipei, Taiwan

2009- 2013: Vice Chairman, Department of Surgery, Chang Gung Memorial Hospital, Taipei, Taiwan

2013- 2019: Chairman, Department of Surgery, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan

2016- : Chairman, Craniofacial Research Center, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan

Present Positions:

- (1) Professor, Plastic & Reconstructive Surgery, Chang Gung Memorial Hospital, Chang Gung University, and the Ministry of Education, Taiwan.
- (2) Director, Craniofacial Research Center, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan
- (3) President, Asian Pacific Craniofacial Association (2018-2023)
- (4) President, Asian Pacific Cleft Lip-Palate and Craniofacial Association (2019-2023)
- (5) Member of the American Society of Plastic Surgeons (ASPS).
- (6) Member of American Cleft Lip-Craniofacial Association (ACPA).
- (7) International Associate Editor, *Plastic & Reconstructive Surgery (PRS)* (IF 4.730)
- (8) Editor-in-Chief, *Biomedical Journal*. (2021-) (IF 4.910)
- (9) Council Member, Taiwan Cleft Palate Craniofacial Association
- (10) International Editor, *Face*. (2021-)

Previous Experiences:

- (1) Chairman, Department of Surgery, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan (2013-2019)
- (2) Secretary General, Taiwan Cleft Palate-Craniofacial Association (1995-1997)
- (3) Editor, Chang Gung Medical Journal (1998-2001)
- (4) Chairman, Education Committee, Department of Surgery, Chang Gung Memorial Hospital (1999-2003)
- (5) Council member, Committee of Medical Education, Chang Gung Memorial Hospital (1999-2003)
- (6) Council member, Committee of Medical Quality Evaluation, Chang Gung Memorial Hospital (2000-2003)

- (7) Council member, Committee of Hospital Affairs, Chang Gung Children Hospital (1999-2000, 2003)
- (8) Council member, Committee of Animal Experiment, Chang Gung Memorial Hospital (2003)
- (9) President, Chang Gung Golf Team, Chang Gung Memorial Hospital (2003)
- (10) Secretary General, Committee of Quality Control, Taiwan Surgical Association (1999-2004)
- (11) Chairman, Education Committee, Department of Plastic & Reconstructive Surgery, Chang Gung Memorial Hospital (2002-2006)
- (12) Director, Craniofacial Center, Department of Plastic & Reconstructive Surgery, Chang Gung Memorial Hospital (2003-2006)
- (13) Director, Division of Pediatric Plastic Surgery, Chang Gung Children Hospital (2002-2006)
- (14) Chief Editor, Bulletin of Taiwan Surgical Association (2004-2006)
- (15) Director and Vice Chairman, Operating Room Committee, Chang Gung Memorial Hospital (2004-2006)
- (16) Council Member, Taiwan Society of Plastic and Reconstructive Surgery (2005-2006, 2008-2013)
- (17) President (2008-2010) International Society of Simulation Surgery (ISSiS)
- (18) Council Member, Taiwan Skull Base Surgery Association (2006-2008)
- (19) Chairman, Department of Plastic & Reconstructive Surgery, Chang Gung Memorial Hospital, Taipei, Taiwan (2006- 2009)
- (20) Council Member, Taiwan Cleft Palate-Craniofacial Association (2000-2009)
- (21) Executive Editor, Chang Gung Medical Journal (2002-2012)
- (22) Vice Chairman, Department of Surgery, Chang Gung Memorial Hospital, Taipei, Taiwan (2009-2013)
- (23) President, Taiwan Cleft Palate-Craniofacial Association (2010-2013)
- (24) Council Member, Taiwan Surgical Association (2012-2016)
- (25) Associate Editor, *Plastic & Reconstructive Surgery*[®], Member in PRS Editorial Board, International Partner Society.
- (26) Executive editor, *Journal of the Formosan Medical Association* (until 2021)
- (27) Associate Editor, *PRS Global Open* (until 2021)

Professional Affiliations:

- (1) Surgical Association, Taiwan.
- (2) Taiwan Society of Plastic and Reconstructive Surgery
- (3) American Cleft Palate and Craniofacial Association (ACPA).
- (4) Taiwan Cleft Palate-Craniofacial Association (TCPA).
- (5) The Oriental Society of Aesthetic Plastic Surgery (OSAPS).
- (6) The International Society of Cranio-Facial Surgery (ISCFS).
- (7) Asian-Pacific Craniofacial Association (APCA).
- (8) Taiwan Society of Aesthetic Plastic Surgery.
- (9) International Society of Aesthetic Plastic Surgery (ISAPS).
- (10) International Society of Simulation Surgery.
- (11) Taiwan Society for Skull Base Surgery.

International Medical Volunteer Works (instruction of cleft care and surgery)

1. National Pediatric Hospital, Phnom Penh, Cambodia. 1999-2016.
2. Defence Services Orthopedic Hospital, Yangon, Myanmar, 2004.
3. Odonto Maxillo Facial Hospital, Ho Chih Minh City, Vietnam, 2004–2019.
4. General Santos City, Philippines, 2005.
5. Our Lady of Peace Hospital, Manila, Philippines, 2005, 2008, 2009.
6. Quang Tri, Vietnam, 2005.
7. Qingdao University Hospital, Qingdao, Shangdong, China, 2006 - 2017.
8. Shantou, Guandong, China, 2007-2017.
9. Cipto Mangunkarumo Hospital, University of Indonesia, Jakarta, Indonesia, 2008.
10. Department of Maxillo-Facial Surgery, Mongolian Maternal and Child Health Research Center, Ulaanbaatar, Mongolia, August 2010-2019. Online cleft mission, September 24, 2020.
11. Cleft surgery mission, Combined with AMDA, Celebes cleft center, Taiwan IHA, and NCF, Sulawesi, Indonesia, 2015-2017.
12. 1000 Beded General Hospital, Naypyidaw, Myanmar, Jan 3-9, 2016, 2019
13. Hospital of the University of Mataram, Pulau Lombok, Indonesia, 2018, 2019
14. Women & Children Hospital, Qingdao, Shangdong, China, 2018, 2019

Research, Awards and Honors:

1. Research project: Morphological analysis of the maxilla and palatal surface in patients with cleft lip and palate: A quantitative study using digital CT data. Principle Investigator, 8/95

- to 7/96, NSC 85-2331-B-182A-043.
2. Research project: Velopharyngeal dysfunction in patients with cleft palate. Associate Investigator (PI: YR Chen), 8/95 to 7/98, NSC 85-2331-B-182-118, NSC 86-2314-B-182-051, NSC 87-2314-B-182-081.
 3. Research project: Genotypic and phenotypic correlation of autosomal dominant clefting syndrome in Taiwanese patients. Co-Principle Investigator (PI: YH Wu), 8/96 to 7/97, NSC 86-2314-B-182A-031.
 4. Research Prize, National Science Council, 1996. 85學年度國科會研究獎勵，乙種。NSC 86-2831-C-182A-002-002.
 5. Research project: The effect of hamulus fracture and tensor veli palatini manipulation on middle ear function. Principle Investigator, 8/97 to 7/98, NSC 87-2314-B-182A-074.
 6. Research project: The inheritance of cleft lip with or without palate in Taiwanese population. Co-Principle Investigator (PI: YH Wu), 8/97 to 7/98, NSC 87-2314-B-182A-070.
 7. Research project: Molecular analysis of holoprosencephaly. Co-Principle Investigator (PI: SD Cheng), 8/97 to 7/98, NSC 87-2314-B-182-064.
 8. Research project: Analysis of the vascular anomaly in cleft palate and velopharyngeal insufficiency patients. Co-Principle Investigator (PI: HF Wong), 8/97 to 7/98, NSC 87-2314-B182A-007.
 9. Research project: An animal model in experimental studies of maxillary growth after palatoplasty under microscopic magnification. Co-Principle Investigator (PI: CN Chang), 8/97 to 7/98, NSC 87-2314-B182A-076.
 10. Research project: Cranial base morphology in unilateral cleft lip palate. Principle Investigator, 8/98 to 7/99, NSC 88-2314-B-182A-017.
 11. Research project: Craniofacial fibrous dysplasia : epidemiology and clinical presentation. Co-Principle Investigator (PI: YR Chen), 8/98 to 7/99, NSC 88-2314-B-182-040.
 12. Research project: Development of planning and navigation system for craniofacial surgery. Co-Principle Investigator (PI: CH Tseng), 8/98 to 7/99, NSC 88-
 13. Research project: 3D CT analysis of the primary nasal deformity in complete unilateral cleft lip and palate. Principle Investigator, 8/99 to 7/2000, NSC 89-2314-B-182A-064.
 14. Research project: Gsa protein mutations in craniofacial monostotic fibrous dysplasia. Co-Principle Investigator (PI: YR Chen), 8/99 to 7/2000, NSC 89-2314-B-182-054.
 15. Research Prize, National Science Council, 1999. 88學年度國科會研究獎勵，甲種。
 16. Research project: The mandible deformity in patients with cleft lip and palate. Principle Investigator, 8/2000 to 7/2001, NSC 89-2314-B-182A-152.

17. Research project: Palatal surface measurement on patients with different cleft types. Co-Principle Investigator (PI: YR Chen), 8/2000 to 9/2001, NSC 89-2314-B-182-104.
18. Research project: 3D CT analysis of the craniofacial deformity in torticollis patients. Principle Investigator, 8/2001 to 7/2002, NSC 90-2314-B-182A-142.
19. Research project: Extended evaluation of Gs α gene mutations in craniofacial fibrous dysplasia. Co-Principle Investigator (PI: YR Chen), 8/2001 to 7/2002, NSC 90-2314-B-182-104.
20. Research project: Intracranial and CSF image reconstruction and volume measurement. Co-Principle Investigator (PI: YR Chen), 8/2002 to 7/2003, NSC 91-2314-B-182-092.
21. Research project: Development of computer assisted mandible reconstruction surgical planning/rehearsal, reconstruction plate design and trajectory optimization based on biomechanical analysis. Co-Principle Investigator (PI: MY Lee), 8/2002 to 7/2004, NSC 91.
22. Best Medical Records, Chang Gung Memorial Hospital, 2002. 九十一年上半年度病歷記載優良楷模，林口院獎字第0042號。
23. Research project: Anatomical localization of the inferior alveolar nerve in the human mandible. Principle Investigator, 12/1/2002 to 11/30/2003, CMRP1377.
24. Research project: Implementation of the electronic educational program for surgical training under the intranet system of Chang Gung Memorial Hospital. Co-Principle Investigator (PI: RJ Chen), 7/2003 to 6/2004, CMRPG 32092.
25. Research project: The effect of growth and surgery upon facial osseous morphology in unilateral cleft lip and palate. Principle Investigator, 8/2003 to 7/2004, NSC 92-2314-B-182A-168.
26. Research project: Temporomandibular joint exerciser: design, development, and clinical application. Co-Principle Investigator (PI: YR Chen), 8/2003 to 7/2004, NSC 92-2314-B-182-081.
27. Research project: Intraoral Rigid Fixation Biomechanical Stability Analysis for BSSO, and Clinical Assessment. Principle Investigator, 8/2004 to 7/2005, NSC 93-2314-B-182A-058.
28. Research project: Impact of orthognathic surgery on the quality of life in Chinese patients with dentofacial disharmony. Co-Principle Investigator (PI: YR Chen), 8/2004 to 7/2005, NSC 93-2314-B-182-081.
29. Research project: Maxillary growth in unoperated adult cleft patients. Principle Investigator, 8/2005 to 7/2006, NSC 94-2314-B-182A-180.

30. Research project: Brain and intracranial cerebrospinal fluid volume change in craniosynostosis. Principle Investigator, 8/2006 to 7/2007, NSC 95-2314-B-182A-038.
31. Research project: Simplifying the computer-aided implant fabrication process for reconstruction of craniofacial bone defect. Principle Investigator, 8/2007 to 7/2008, NSC 96-2314-B-182A-077.
32. Research project: The study of effect and molecular mechanism for IRF6 gene silencing influence on embryonic palate shelves fusion. Principle investigator, 8/2008 to 7/2011, NSC 97-2314-B-182A-072-MY3.
33. 研究計劃：整合型 正顎手術病人之型態研究、設計及追蹤評估。子計劃一：顱顏影像應用於正顎手術模擬。長庚醫學研究計劃，計劃主持人，案號CMRPG381601-3，計劃期限 2010/04/01 – 2013/3/31。
34. 研究計劃：整合型 正顎手術病人之型態研究、設計及追蹤評估。子計劃二：3D顱顏影像探討正顎手術後下顎神經傷害。長庚醫學研究計劃，計劃共同主持人(計劃主持人陳昱瑞)，案號CMRPG381611-3，計劃期限 2010/04/01 – 2013/3/31。
35. 研究計劃：整合型 疾病基因在顱顏異常中所扮演之角色與致病機轉。子計劃一：以疾病基因分析建構唇顎裂分群的理論基礎。長庚醫學研究計劃，計劃共同主持人(計劃主持人吳雅慧)，案號CMRPG381261-3，計劃期限 2010/04/01 – 2013/3/31。
36. 研究計劃：整合型 疾病基因在顱顏異常中所扮演之角色與致病機轉。子計劃二：IRF6基因參與調控小鼠顎胚突融合的分子機制。長庚醫學研究計劃，計劃主持人，案號CMRPG381271-3，計劃期限 2010/04/01 – 2013/3/31。
37. 研究計劃：整合型 顱顏醫學研究中心臨床研究發展。子計劃四：以改良式上下顎骨前進術治療阻塞性睡眠呼吸中止症：適用亞洲成年患者的方法。長庚醫學研究計劃，計劃共同主持人(計劃主持人廖郁芳)，案號CMRPG390741，計劃期限 2010/04/01 – 2011/3/31。
38. 研究計劃：三度空間電腦輔助設計及製作正顎手術之咬合板。長庚醫學研究計劃，計劃共同主持人(計劃主持人黃炯興)，案號CMRPG 3A0081，計劃期限 2011/1/1 – 2011/12/31。
39. Research project: Effect of IRF6 gene silence on the periderm of embryonal palatal shelves and its molecular mechanism. Principle investigator, 8/2011 to 7/2012, NSC 100-2314-B-182-043.
40. Research project：應用於3D顱顏手術模擬之多層次(multi-scale)表達與計算模型之研究。Co-Principle investigator, (計劃主持人鄭復華) 8/1/2011 to 7/31/2014, NSC 100-2218-E-007-014-MY3.
41. Research project: Facial Morphological Change Prediction in Orthognathic Surgery

Simulation。Principle investigator, 2012/02/01 – 2015/1/31, CMRPG3B0291-3.

42. Research project: Molecular mechanisms and effects of mutant IRF6 gene on epithelial cells. Principle investigator, 7/2012 to 8/2013, NSC 101-2314-B-182--026.
43. Awarded **Honorary Professor** by the National Center for Maternal and Child Health, Ulaanbaatar, Mongolia, August 27, 2013.
44. Research project: Investigation on effect of IRF6 protein interaction domain mutation on palate development. Principle investigator, 2014/01/01 – 2016/12/31, CRRPG5C0161-3.
45. Research project: 骨板骨釘排列方式對不同勒福氏第一型上顎骨切骨手術之生物力學探討. Principle investigator, 2014/01/01 – 2016/12/31, CRRPG5C0291-3.
46. Awarded **Honorary Fellowship** of the **Royal College of Surgeons of Thailand**. Pattaya, Thailand, July 11, 2014.
47. Research project: 3D Computer-Assisted Orthognathic Surgery: Development of New Technology in Planning, Simulation, Positioning, and Navigation, as well as Clinical Application. Principle investigator, 08/01/2014 to 07/31/2017, MOST 103--2314-B-182-028-MY3.
48. Research project: Pediatric Plastic Surgery Project of Linkou Chang Gung Hospital- Alveolar Bone Graft in Patients with Cleft. 2015/9/3 to 2016/3/31, KMRP 407, Ministry of Health and Welfare. (兒科重難症團隊照護)
49. 2015年 國家生技醫療品質獎(SNQ) 醫院社區服務組 金獎
50. Research project: 探討 van der Woude 症候群致病基因- IRF6 在上腭融合發育過程中的上皮細胞間質化調控機制. Principle investigator, 2016/2/1 – 2019/1/31, CMRPG3F0651-3.
51. Research project: Pediatric Plastic Surgery Project of Linkou Chang Gung Hospital- Alveolar Bone Graft in Patients with Cleft: A Prospective Study. 2016/6/22 to 2017/4/30, KMRPB3F030, KMRPB3F035, Ministry of Health and Welfare. (兒科重難症團隊照護)
52. Taiwan Revealed Medical Elite, Discovery Channel, 2016-7-20.
53. Research project: 三維電腦輔助手術模擬及手術定位導航於顏面不對稱患者之正顎手術計畫之應用. Principle investigator, 2017/1/1 – 2017/12/31, CRRPG3G0021.
54. Research project: 產學合作計畫－正顎手術客製化術中定位導引板暨固定骨板之研發與臨床應用(1/3). Principle investigator, 106/2/1 – 107/1/31, MOST 106-2622-E-182-002-CC2, NMRPD1G1191.
55. Research project: 產學合作計畫－正顎手術客製化術中定位導引板暨固定骨板之研發與臨床應用(2/3). Principle investigator, 107/2/1 – 108/1/31, MOST 107-2622-E-182-001-CC2.

56. Research project: 產學合作計畫－正顎手術客製化術中定位導引板暨固定骨板之研發與臨床應用(3/3). Principle investigator, 108/2/1 – 109/1/31, MOST 108-2622-E-182-001-CC2.
57. 三維電腦輔助正顎手術之臨床整合應用－三維電腦輔助手術模擬及手術定位導航於顏面不對稱患者之正顎手術計畫之應用(1/3) (NMRPD1G1191: 執行期間 106/8/1~107/7/31) MOST 106-2314-B-182-060 -
58. 3D 列印於顱顎顏面手術：電腦輔助設計與製造、臨床應用、和驗證 (NRRPD1G0091 :執行期間 106/8/1~108/7/31) MOST 106-2314-B-182-027-MY2
59. 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。(案號) 執行期間 106/10/6~107/4/30. Ministry of Health and Welfare. KMRPB3G0191-2. (兒科重難症團隊照護)
60. 台灣醫學會 高天成教授紀念學術獎，2017/11/12。
61. 台灣醫學會 「年度最有價值論文獎」 (Lin HH, Lo LJ. Three-dimensional computer-assisted surgical simulation and intraoperative guidance in orthognathic surgery: a literature review. J Formos Med Assoc 114: 300-307, 2015)，2018/11/10。
62. 台灣醫學發展基金會論文獎 The foundation of Taiwan Medical Development Awards for Outstanding Writings. “The pterygomaxillary junction: An imaging study for surgical information of LeFort I osteotomy.” Taipei, Taiwan, 2018/12/15.
63. 第四屆國際醫療典範獎，個人獎，2019/6/4。
64. Research project: 探討 IRF6 調控的 miRNAs 在上顎融合發育過程中所扮演的角色 (CMRPG3K0441) (1/2, 二年計畫), 執行期限：2020/3/1~2021/2/28.
65. Research project: 探討 IRF6 調控的 miRNAs 在上顎融合發育過程中所扮演的角色 (CMRPG3K0442) (2/2, 二年計畫), 執行期限：2021/3/1~2022/2/28.
66. Research project: 機器學習及擴增實境技術應用於正顎手術規劃與手術導航之研究 (1/3, 三年計畫), 執行期限：2020/08/01~2021/07/31. 計畫編號：MOST 109-2314-B-182-017 (NRRPD1K0121).
67. Research project: 深度學習技術及擴增實境系統在正顎手術規劃及手術即時導航之應用(整合型轉個別型計畫)(1/2, 二年計畫), 執行期限：2020/11/01~2021/10/31 (CMRPG3K0981).
68. Research project: 整合型正顎手術臨床輔助預測模型之開發及驗證之總計畫(1/2) 執行期限：2021/5/01~2021/4/30 (CMRPG3L0371).
69. Research project: 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一：以迴歸技術建立三維正顎手術規劃模擬預測模型(1/2) 執行期限：2021/5/01~2021/4/30 (CMRPG3L0351).

70. World Top 2% Scientists (全球前2%頂尖科學家榜單，2021-10-20 美國史丹佛大學公布)，終身科學影響力排行榜 1960-2020，以及2020年度科學影響力排行榜。

PRESENTATIONS

(A) Free Papers (As presenter)

1. **Lo LJ**, Jan YY, and Chang CH. Visceral artery aneurysm. Presented at the Annual Surgical Meeting, ROC, Taipei, March 1987.
2. **Lo LJ**, Hsiao CW, and Noordhoff MS. Treatment of traumatic alopecia using Orticochea flap technique. Presented at the Annual Surgical Meeting, ROC, Taipei, March 1989.
3. **Lo LJ**, and Wei FC. Second toe wrap-around flap for finger reconstruction. Presented at the Annual Surgical Meeting, ROC, Taipei, March 1989.
4. **Lo LJ**, Yang JY, and Wei FC. Free flaps in burn reconstruction. Presented at the Annual Surgical Meeting, ROC, Kaoshiung, September 1989.
5. **Lo LJ**, and Chen YR. Metallic stapling for facial growth study. Presented at the Annual Surgical Meeting, ROC, Taipei, March 1990.
6. **Lo LJ**, Chen YR, and Noordhoff MS. Lower lip pits in association with cleft lip and palate. Presented at the 5th ASEAN Congress of Plastic Surgery, Manila, Philippine, May, 1990.
7. **Lo LJ**, Chen YR, and Noordhoff MS. Costochondral growth in situ and in mandibular condylar reconstruction– Dog experiment. Presented at the Annual Surgical Meeting, ROC, Taipei, March 1991.
8. **Lo LJ**, Huang CS, Chen YR, Tsai YC, and Noordhoff MS. Effect of soft palate closure on the palatal width– Study on plaster models. Presented at the Annual Surgical Meeting, ROC, Taipei, March 1991.
9. **Lo LJ**, and YR Chen: Use of Le Fort I osteotomy and palatal split for approaching clivus chordoma. Presented at Annual Surgical Meeting, ROC, Taipei, February 1992.
10. **Lo LJ**, Noordhoff MS, Chen KT, and YR Chen. Palatoplasty without lateral incision– Report of experience on 20 cases. Presented at 50th General Scientific Meeting of Surgical Association, R.O.C. Taipei, Taiwan, September 1992.
11. **Lo LJ**, Chen YR, Huang CS, Chen KT, and Noordhoff MS. The use of compression splint after immediate ear reconstruction. Presented at 50th General Scientific Meeting of Surgical Association, R.O.C. Taipei, Taiwan, September 1992.
12. **Lo LJ**, and Noordhoff MS. Medial cerebrofacial dysplasia in cleft patients. Presented at

50th Annual Meeting of American Cleft Palate-Craniofacial Association. Pittsburgh, PA, USA, April 1993.

13. **Lo LJ**, and Noordhoff MS. Median cerebrofacial dysplasia and median facial dysplasia: a study on 92 patients. Presented at 7th International Congress on Cleft Palate and Related Craniofacial Anomalies, Broadbeach, Queensland, Australia, Nov. 1993.
14. **Lo LJ**, and Marsh JL. Plagiocephaly: differential diagnosis based on endocranial base morphology. Presented at 7th International Congress on Cleft Palate and Related Craniofacial Anomalies, Broadbeach, Queensland, Australia, Nov. 1993.
15. **Lo LJ**, Yoon J, Marsh JL, and Vannier MW. Stability of fronto-orbital advancement in nonsyndromic bicoronal synostosis. Presented at 51st Annual Meeting of American Cleft Palate-Craniofacial Association. Toronto, Ontario, Canada, May, 1994.
16. **Lo LJ**, Marsh JL, and Vannier MW. Orbital morphology in unicoronal synostosis. Presented at 52nd annual meeting of the American Cleft Palate-Craniofacial Association. Tampa, Florida, USA, April 1995.
17. **Lo LJ**, Marsh JL, Patel VV, and Vannier MW. Craniofacial surgical simulation and outcome validation. Presented at Computer Assisted Radiology, 9th International Symposium, Berlin, June 1995.
18. **Lo LJ**, Marsh JL, Patel VV, and Vannier MW. Craniofacial surgical simulation and outcome validation. Presented at VIth International Congress of International Society of Cranio Facial Surgery. Saint Tropez, France, October 1995.
19. **Lo LJ**, Lee G, Noordhoff MS, and YR Chen. Results of speech evaluation after palatoplasty: an analysis on 223 patients. Presented at the 8th International Congress on Cleft Palate and Related Craniofacial Anomalies. Singapore, September 1997.
20. **Lo LJ**, Huang HH, Noordhoff MS, and YR Chen. Magnetic resonance imaging of brain dysmorphology in patients with median cerebrofacial dysplasia. Presented at the 8th International Congress on Cleft Palate and Related Craniofacial Anomalies. Singapore, September 1997.
21. **Lo LJ**, Marsh JL, Kane AA, Patel VV, and Vannier MW. Computer graphics surgical simulation and outcome validation. Presented at the 8th International Congress on Cleft Palate and Related Craniofacial Anomalies. Singapore, September 1997.
22. **Lo LJ**, Huang CS, Chen YR, and Noordhoff MS. Does early simple posterior palatoplasty narrow palatal cleft? Presented at the 8th International Congress on Cleft Palate and Related Craniofacial Anomalies. Singapore, September 1997.
23. **Lo LJ**, Noordhoff MS, Chen YR, KT Chen, KF Hung. Elongation of the columella in the

- bilateral cleft lip nasal deformity. Presented at the 8th International Congress on Cleft Palate and Related Craniofacial Anomalies. Singapore, September 1997.
24. **Lo LJ**, Huang HH, Noordhoff MS, and Chen YR. Brain dysmorphology in median cerebrofacial dysplasia: an MR imaging study. Presented at the 7th International Congress of the International Society of Craniofacial Surgery. Santa Fe, New Mexico, USA, September 1997.
 25. **Lo LJ**, Noordhoff MS, Lin YC, and Chen YR. Preoperative lip measurement in patients with unilateral complete cleft lip and palate. Presented at 55th annual meeting of the American Cleft Palate-Craniofacial Association. Baltimore, Maryland, USA, April 1998.
 26. **Lo LJ**, Noordhoff MS, and Chen YR. Assessment of the bilateral cleft lip nose deformity: a comparison between cleft surgeons and laypersons. Presented at 55th annual meeting of the American Cleft Palate-Craniofacial Association. Baltimore, Maryland, USA, April 1998.
 27. **Lo LJ**, Williams WG, and YR Chen. The Le Fort I-palatal split approach for skull base tumors: efficacy, complications, and outcome. Presented at the 2nd conference, Asian Pacific Craniofacial Association. Adelaide, South Australia, November 1998.
 28. **Lo LJ**, Kane AA, Noordhoff MS, and Chen YR. Hamulus fracture on palatoplasty outcome. Presented at the 4th Asian Pacific Cleft Lip & Palate Conference. Fukuoka, Japan, September 1999.
 29. **Lo LJ**, Marsh JL, Kane AA, and Chen YR. Quadripartite facial osteotomy: synchronous correction of asymmetric hypertelorism and malocclusion secondary to major facial clefts. Presented at the 8th International Congress of the International Society of Craniofacial Surgery. Taipei, Taiwan, November 1999.
 30. **Lo LJ**, Kane AA, Chen YR, KH Hsu, and Noordhoff MS. The course of inferior alveolar nerve in human mandibular ramus. Presented at the 15th Congress of the International Society of Aesthetic Plastic Surgery. Tokyo, Japan, April 2000.
 31. **Lo LJ**, Tseng CS, and Chen YR. Reconstruction of frontal and supraorbital defect – a refinement. Presented at the 57th Annual Meeting of the American Cleft Palate-Craniofacial Association. Atlanta, Georgia, USA, April 2000.
 32. **Lo LJ**. Orthognathic surgery in cleft patients. Presented in the Annual Meeting of the Plastic Surgical Association, ROC. Taipei, Taiwan, December 2000.
 33. **Lo LJ**, Chen YR. Anatomical study of the inferior alveolar nerve. Presented at the Annual Meeting of Surgical Association, ROC. Kaoshiung, Taiwan, March, 2001.
 34. **Lo LJ**, Hung KF, and Chen YR. Blindness following high Le Fort I osteotomy for

- maxillary distraction. Presented at the 58th Annual Meeting of the American Cleft Palate-Craniofacial Association. Minneapolis, Minnesota, USA, April 2001.
35. **Lo LJ**, Hung KF, and Chen YR. Blindness as a complication of Le Fort I osteotomy for maxillary distraction. Presented at the 9th International Congress of International Society of Craniofacial Surgery. Visby, Gotland, Sweden, June 2001.
 36. **Lo LJ**, Noordhoff MS, and Chen YR. Median cerebrofacial dysplasia in cleft patients: the brain dysmorphology and clinical presentation. Presented at the 9th International Congress on Cleft Palate and Related Craniofacial Anomalies. Goteborg, Sweden, June 2001.
 37. **Lo LJ**, Hung KF, and Chen YR. Blindness following high Le Fort I osteotomy for maxillary distraction. Presented at the 9th International Congress on Cleft Palate and Related Craniofacial Anomalies. Goteborg, Sweden, June 2001.
 38. **Lo LJ**, Hung KF, and Chen YR. Blindness as a complication of Le Fort I osteotomy for maxillary distraction. Presented in the Annual Meeting of the Plastic Surgical Association, Taiwan. Tainan, Taiwan, December 2001.
 39. **Lo LJ**, and Chen YR. Abbe flap in the reconstruction of bilateral cleft lip nasal deformity. Presented in the Annual Meeting of the Surgical Association, Taiwan. Kaoshiung, Taiwan, March, 2002.
 40. **Lo LJ**, and Chen YR. Cystic degeneration of craniofacial fibrous dysplasia. Presented at the 59th Annual Meeting of the American Cleft Palate-Craniofacial Association. Seattle, Washington, USA, April 2002.
 41. **Lo LJ**. Relevance of the inferior alveolar nerve location in the aesthetic reduction of mandibular angles. Presented at the 8th Annual Meeting of Taiwan Society of Aesthetic Plastic Surgery. Taipei, Taiwan, November 2002.
 42. **Lo LJ**, Chhoeurn V, de Villa GH. Osseous changes after embolization treatment of mandibular arteriovenous malformation. Presented at the 60th Annual Meeting of the American Cleft Palate-Craniofacial Association. Asheville, North Carolina, USA, April 2003.
 43. **Lo LJ**, Wong FH, Chen YR, Lin WY, Ko EWC. Palatal surface area measurement: comparisons among different cleft types. Presented at the 60th Annual Meeting of the American Cleft Palate-Craniofacial Association. Asheville, North Carolina, USA, April 2003.
 44. **Lo LJ**, Chen YR. Computer-aided reconstruction of the traumatic fronto-orbital osseous defects: an aesthetic consideration. Presented as poster at the 10th International Congress of the International Society of Craniofacial Surgery. Monterey, California, USA, September,

2003.

45. **Lo LJ**, Kane AA, Chen YR. Simultaneous reconstruction of the secondary bilateral cleft lip and nasal deformity: Abbe flap revisited. Presented at the 5th Asian-Pacific Cleft Lip & Palate Conference. Seoul, Korea, September, 2003.
46. **Lo LJ**, Hong KF, Chen P, Chen YR, Noordhoff MS. Median cerebrofacial dysplasia in cleft patients: clinical presentations and brain dysmorphology. Presented at the 5th Asian-Pacific Cleft Lip & Palate Conference. Seoul, Korea, September, 2003.
47. **Lo LJ**, Ho CT, Heller F, Liou E, Huang CS, ChenYR. Distraction osteogenesis in adolescents with maxillary arch deficiency and dental crowding: A 3-years follow-up. Presented at the 11th Biennial Conference of International Society of Cranio-Facial Society. Coolum, Brisbane, Australia, September 11-14, 2005.
48. **Lo LJ**, Lin CL, Kuo YC, Chen YR. Temporomandibular joint exerciser: design, development, and clinical application. Presented at the 11th Biennial Conference of International Society of Cranio-Facial Society. Coolum, Brisbane, Australia, September 11-14, 2005.
49. **Lo LJ**, Mardini S, See LC, Chen YR. Segmentation and measurement of intracranial space, brain and CSF in Crouzon patients and normal controls. Presented at the 20th Annual Meeting of Taiwan Surgical Association. Taipei, Taiwan, March 25-6, 2006.
50. **Lo LJ**. Brain and Intracranial Cerebrospinal Fluid Volume Change in Craniosynostosis. Presented at the 6th Asian Pacific Craniofacial Association Conference. Singapore, 17th – 19th November, 2006.
51. **Lo LJ**. The volume of muscles of mastication in patients receiving mandibular contouring surgery. Presented at the 10th Congress of the Oriental Society of Aesthetic Plastic Surgery. Shanghai, China, 23th – 25th November, 2006.
52. **Lo LJ**. Primary correction of unilateral cleft lip nasal deformity. Presented at the 6th Asian Pacific Cleft Lip & Palate Congress. Panaji, Goa, India. September 2-5, 2007.
53. **Lo LJ**. Primary correction of unilateral cleft lip nasal deformity: further refinement. Presented at the 21st Annual Meeting of Taiwan Surgical Association. Kaoshiung, Taiwan, March 29-30, 2008.
54. **Lo LJ**. Facial bone contouring surgery: anatomical consideration. Presented at the 17th Asian Congress of Surgery & the 68th Annual Meeting of Taiwan Surgical Association. Taipei, Taiwan, March 20-22, 2009.
55. **Lo LJ**. Aesthetic reduction surgery for zygoma and mandibular angle: an outcome assessment. Presented at the 13th biennial conference of International Society of

Craniofacial Surgery. Oxford, London, UK, September 28-30, 2009.

56. **Lo LJ.** Patient satisfaction after zygoma and mandible reduction surgery: an outcome assessment. Presented at the 14th Annual Meeting of Taiwan Plastic Surgery Association. Kaohsiung, Taiwan, November 28, 2009.
57. **Lo LJ.** Attending the 67th annual meeting of American Cleft Palate-Craniofacial Association. Fort Worth, Texas, USA, March 15-20, 2010.
58. **Lo LJ.** Attending the 68th annual meeting of American Cleft Palate-Craniofacial Association. San Juan, Puerto Rico, April 5-9, 2011.
59. **Lo LJ.** Attending the symposium on “Management of secondary cleft deformity and surgery-first OGS”, annual meeting of Taiwan Cleft Palate-Craniofacial Association. Taoyuan, Taiwan, February 26, 2012.
60. **Lo LJ.** Attending the 69th annual meeting of American Cleft Palate-Craniofacial Association. San Jose, California, USA, April 18-21, 2012.
61. **Lo LJ.** Mental nerve pathway before exiting mental foramen. Presented in the Asian Pacific Craniofacial Association IX Conference. Beijing, China, September 15-17, 2012.
62. **Lo LJ.** Attending the 12th International Cleft Lip Palate Association Meeting. Orlando, Florida, USA, May 5-11, 2013.
63. **Lo LJ.** Mental nerve pathway before mental foramen for genioplasty. Presented in the International Society of Craniofacial Surgery (ISCFS), 15th Congress. Jackson Hole, Wyoming, USA. September 10-14, 2013.
64. **Lo LJ.** Presenting poster topic “Reduction of facial swelling after orthognathic surgery- a randomized controlled trial comparing two different doses of dexamethasone” in the 71st Annual Meeting, American Cleft Palate-Craniofacial Association. Indianapolis, Indiana, USA. March 24-29, 2014.
65. **Lo LJ.** Simulation and navigation of two-jaw orthognathic surgery: experience of 37 patients. Presented in the Computer Assisted Radiology and Surgery (CARS), 28th International Congress, and 20th Computed Maxillofacial Imaging Congress. Fukuoka, Japan. June 25-28, 2014.
66. **Lo LJ.** “Computer assisted orthognathic surgery”, and “Surgical treatment for hemifacial microsomia”. Presented in the 10th Asian Pacific Craniofacial Association and Australasian Cleft Lip and Palate Society. Adelaide, Australia, October 3-5, 2014.
67. **Lo LJ.** “Computer-assisted orthognathic surgery for patients with cleft lip/palate: From traditional planning to 3-dimensional surgery simulation”. Presented in the 73rd Annual Meeting of American Cleft Palate-Craniofacial Association. Atlanta, Georgia, USA. April

4-9, 2016.

68. **Lo LJ**. “An integrated surgical protocol for adult patients with hemifacial microsomia: Methods and outcome” Presented in the XVII Congress of the International Society of Craniofacial Surgery (ISCFs). Cancun, Quintana Roo, Mexico. October 25-28, 2017.
69. **Lo LJ**. “Perception of lip cant as a sign of facial deformity” presented in the 75th Annual Meeting, American Cleft Palate-Craniofacial Association. Pittsburgh, Pennsylvania, USA. April 10-14, 2018.
70. **Lo LJ**. “Intraoral scanning and setting up the digital final occlusion in 3D planning of orthognathic surgery” presented in the 18th Congress of International Society of Craniofacial Surgery. Paris, France. September 16-19, 2019.

(B) Panel, Invited Presentation, or Visiting Professor

1. **Lo LJ**, Noordhoff MS, Huang CS, and YR Chen. Facial growth in median dysgenesis. Presented at the 2nd Asian Pacific Cleft Lip and Palate Conference (Panel), Taipei, Taiwan, April 1991.
2. **Lo LJ**, and Marsh JL. Computer assisted imaging in craniofacial surgery. Presented at 11th Midwest-America Chinese Science and Technology Conference, Saint Louis, Missouri, USA, June 1994.
3. Kane AA, **Lo LJ**, and Marsh JL. Computer graphic planning and simulation of complex craniofacial operations. (Instruction course) 53rd annual meeting of the American Cleft Palate-Craniofacial Association. San Diego, California, USA, April 1996.
4. **Lo LJ**, Wong HF, MS Noordhoff, and YR Chen. MR Brain dysmorphology in median cerebrofacial dysplasia. Presented at the International Symposium On Recent Advances In Plastic And Reconstructive Surgery. Taipei, Taiwan, November 1996.
5. **Lo LJ**, MS Noordhoff, and WY Lin. The surgical technique for unilateral cleft lip and nasal deformity. (Instruction course) 54th annual meeting of the American Cleft Palate-Craniofacial Association. New Orleans, Louisiana, USA, April 1997.
6. **Lo LJ**. Present status of the computer aided surgery in Taiwan. Presented at the 1st Congress of the Asian-Pacific Society for Computer Aided Surgery and the 7th Annual Meeting of the Japan Society for Computer Aided Surgery. Sapporo, Japan, October 1997.
7. **Lo LJ**, and MS Noordhoff. The surgical technique for unilateral cleft lip and nasal deformity. (Instruction course) 55th annual meeting of the American Cleft Palate-Craniofacial Association. Baltimore, Maryland, USA, April 1998.

8. **Lo LJ**, Eric Liou, and MS Noordhoff. Presurgical management and surgical technique for unilateral cleft lip and nasal deformity. (Instruction course) 56th annual meeting of the American Cleft Palate-Craniofacial Association. Scottsdale, Arizona, USA, April 1999.
9. **Lo LJ**, Noordhoff MS, and Chen YR. Lip measurement in complete UCLP. Presented in a symposium at the 4th Asian Pacific Cleft Lip & Palate Conference. Fukuoka, Japan, September 1999.
10. **Lo LJ**: Chairperson and presentation in the symposium of “Palate Repair” at the 4th Asian Pacific Cleft Lip & Palate Conference. Fukuoka, Japan, September 1999.
11. **Lo LJ**: “40 years of Dr. M. Samuel Noordhoff in Taiwan”. An introduction speech for Dr. Noordhoff to receive the American Cleft Palate-Craniofacial Association Honors. 57th annual meeting of the American Cleft Palate-Craniofacial Association, Georgia, Atlanta, USA, April, 2000.
12. **Lo LJ**, and Chen YR. The inferior alveolar nerve in mandible angle area: an anatomical study in patients presenting with wide mandible angles. Presented in the panel: Facial bone contouring surgery for the Orientals. 7th International Congress of Oriental Aesthetic Plastic Surgery. Seoul, Korea, October 2000.
13. **Lo LJ**, and Chen YR. The inferior alveolar nerve in mandible: an anatomical study. Presented in the symposium: Facial bone contouring. 8th Asian Pacific Congress of International Confederation for Plastic, Reconstructive and Aesthetic Surgery. Taipei, Taiwan, ROC, April 2001.
14. **Lo LJ**. The application of 3D CT imaging data in Chang Gung Memorial Hospital. Presented in the symposium: Craniofacial anomalies and 3D craniofacial imaging. Copenhagen, Denmark, June 2001.
15. **Lo LJ**. 3D medical imaging and rapid prototyping technology for the design and manufacturing of craniofacial implant. Presented in the symposium: Medical imaging and reverse engineering technology in medical applications. Tainan, Taiwan, October 2001. (教育部醫療機電設計與整合教學資源中心訓練課程)
16. **Lo LJ**, Cho BC, and PK Chen. Facial bone contouring surgery in Asian patients. Presented in the Pre-congress course of the 8th International Congress of Oriental Society of Aesthetic Plastic Surgery. Bali, Indonesia, October, 2002.
17. **Lo LJ**. Aesthetic facial bone surgery. Presented in the plenary lecture of the 8th International Congress of Oriental Society of Aesthetic Plastic Surgery. Bali, Indonesia, October, 2002.
18. **Lo LJ**. Aesthetic and anatomical considerations for mandibular surgery. Presented in the

- 2nd Facial Sculpturing and Rejuvenation Symposium. Keelung, Taiwan, February, 2003.
19. **Lo LJ.** Orthognathic surgery and facial bone distraction. Presented in the 1st Annual Hallym Cosmetic Symposium. Seoul, Korea, August, 2003.
 20. **Lo LJ.** Visiting Scholar to Hangang Sacred Heart Hospital, College of Medicine, Hallym University. Presenting topic: Mandibular contouring surgery: insight from 3D CT imaging. The 1st Annual Hallym Cosmetic Symposium. Seoul, Korea, August, 2003.
 21. **Lo LJ.** Digital imaging of cleft. Presented at the 5th Asian-Pacific Cleft Lip & Palate Conference. Seoul, Korea, September, 2003.
 22. **Lo LJ.** Orthognathic surgery in cleft patients. Presented at the pregress symposium “Management of craniofacial anomalies” in the First Thai International Congress on Interdisciplinary Care for Cleft Lip and Palate. Khon Kaen, Thailand, December 2003.
 23. **Lo LJ.** Secondary correction for difficult cleft lip deformities. Presented at the First Thai International Congress on Interdisciplinary Care for Cleft Lip and Palate. Khon Kaen, Thailand, December 2003.
 24. **Lo LJ.** International experience in cleft care. Presented at the First Thai International Congress on Interdisciplinary Care for Cleft Lip and Palate. Khon Kaen, Thailand, December 2003.
 25. **Lo LJ.** Multidisciplinary treatment of cleft lip and palate. Presented at the National Pediatric Hospital, Phnom Penh, Cambodia, December 2003.
 26. **Lo LJ, Liou E, and Pai B.** Treatment strategies for cleft patients, from a to z: part I and part II. Presented as teaching courses in the 61st Annual Meeting of American Cleft Palate-Craniofacial Association, Chicago, Illinois, March 2004.
 27. **Lo LJ, Chen YR.** Volumetric change of the muscles of mastication. Presented at the 5th Asian Pacific Craniofacial Association Conference, Seoul, Korea, October 2004.
 28. **Lo LJ.** Secondary surgery for cleft patients. Presented at the 1st symposium on surgical technique in cleft lip and palate concept of multidisciplinary team care for cleft patients, Phnom Penh, Cambodia, November 2004.
 29. **Lo LJ.** Aesthetic facial skeleton surgery. Presented at the 9th International Congress of Oriental Society of Aesthetic Plastic Surgery, Bangkok, Thailand, December 2004.
 30. **Lo LJ.** Visiting Scholar to Punjab Medical College, Allied Hospital, Faisalabad, Pakistan. Presenting 10 topics in the 2nd International Symposium on Management of Cleft Lip and Palate. March 8-16, 2005.
 31. **Lo LJ, Chen YR.** Aesthetic mandibular angle resection: an outcome study. Presented at the 11th Conference of the Young-Honam Regional Society of the Korean Plastic and

Reconstructive Surgery. Daegu, Korea, June 11, 2005.

32. **Lo LJ.** Velopharyngeal insufficiency and surgical correction. Presented at the 2nd symposium on Surgical Techniques in Cleft Lip and Palate, Concept of Multidisciplinary Team Care for Cleft Patients. Phnom Penh, Cambodia, December 4-10, 2005.
33. **Lo LJ.** Secondary surgery for cleft patients. Presented at the 2nd symposium on Surgical Techniques in Cleft Lip and Palate, Concept of Multidisciplinary Team Care for Cleft Patients. Phnom Penh, Cambodia, December 4-10, 2005.
34. **Lo LJ.** Visiting Scholar to the Oral & Maxillofacial Surgery Department, the Stomatological Department, the Affiliated Hospital of Medical College, Qingdao University, Qingdao, Shandong, China. May 22-26, 2006.
35. **Lo LJ.** Program Chairman and presenter for the 4th International Symposium on Cleft and Maxillofacial Surgery, the Chang Gung Forum. Taoyuan, Taiwan. September 18-20, 2006.
36. **Lo LJ.** Simulation of craniofacial surgery: Taiwan experience. Presented in the 5th Congress of International Society of Simulation Surgery. Chiang Mai, Thailand. October 16-18, 2006.
37. **Lo LJ.** Distraction osteogenesis in the management of alveolar cleft. Presented in the 13th ASEAN Congress of Plastic Surgery. Chiang Mai, Thailand. October 16-18, 2006.
38. **Lo LJ.** Principle of aesthetic correction of the primary and secondary cleft lip nasal deformity. Presented in the Annual Scientific Meeting of the Malaysian Association of Plastic, Aesthetic & Craniomaxillofacial Surgeons. Kuching, Sarawak, Malaysia, March 23-25, 2007.
39. **Lo LJ.** The Abbe flap and other strategies in the correction of the secondary cleft lip deformity. Presented in the Annual Scientific Meeting of the Malaysian Association of Plastic, Aesthetic & Craniomaxillofacial Surgeons. Kuching, Sarawak, Malaysia, March 23-25, 2007.
40. **Lo LJ.** Augmentation rhinoplasty in the oriental nose – how I do it. Presented in the Annual Scientific Meeting of the Malaysian Association of Plastic, Aesthetic & Craniomaxillofacial Surgeons. Kuching, Sarawak, Malaysia, March 23-25, 2007.
41. **Lo LJ, Lai YL, Noordhoff MS.** Surgical treatment of facial complications from permanent injectable fillers. Presented in the Annual Scientific Meeting of the Malaysian Association of Plastic, Aesthetic & Craniomaxillofacial Surgeons. Kuching, Sarawak, Malaysia, March 23-25, 2007.
42. **Lo LJ.** Oriental blepharoplasty – how I do it. Presented in the Annual Scientific Meeting of the Malaysian Association of Plastic, Aesthetic & Craniomaxillofacial Surgeons.

Kuching, Sarawak, Malaysia, March 23-25, 2007.

43. **Lo LJ.** An introduction to simulation surgery and its possible applications. Presented in the Annual Scientific Meeting of the Malaysian Association of Plastic, Aesthetic & Craniomaxillofacial Surgeons. Kuching, Sarawak, Malaysia, March 23-25, 2007.
44. **Lo LJ.** Plastic surgery and aesthetic surgery in Taiwan. Presented in the Annual Scientific Meeting of the Malaysian Association of Plastic, Aesthetic & Craniomaxillofacial Surgeons: Public Forum on Plastic & Aesthetic Surgery. Kuching, Sarawak, Malaysia, March 23-25, 2007.
45. **Lo LJ.** Visiting Scholar to the Division of Plastic Surgery, Department of Surgery, Cipto Mangunkarumo Hospital, University of Indonesia, Jakarta, Indonesia. April 12-13, 2007.
46. **Lo LJ.** Unilateral cleft lip and palate surgery. Presented in the International Symposium on Congenital Anomaly: Head and Neck Anomaly. Jakarta, Indonesia, April 13-15, 2007.
47. **Lo LJ.** Oronasal fistula surgery. Presented in the International Symposium on Congenital Anomaly: Head and Neck Anomaly. Jakarta, Indonesia, April 13-15, 2007.
48. **Lo LJ.** Velopharyngeal surgery. Presented in the International Symposium on Congenital Anomaly: Head and Neck Anomaly. Jakarta, Indonesia, April 13-15, 2007.
49. **Lo LJ.** Orthognathic surgery in patients with cleft lip/palate. Presented in the International Symposium on Congenital Anomaly: Head and Neck Anomaly. Jakarta, Indonesia, April 13-15, 2007.
50. **Lo LJ.** Skull base approach to clivus. Presented in the Taiwan Society for Skull Base Surgery, the Summer Conference. Taichung, Taiwan, July 28, 2007.
51. **Lo LJ.** Evolution of primary correction of unilateral cleft lip nasal deformity, Chang Gung experience. Presented in the 63rd Scientific Meeting of the Korean Society of Plastic & Reconstructive Surgeons. Seoul, Korea. November 9, 2007.
52. **Lo LJ.** Visiting Scholar to the Oral & Maxillofacial Surgery Department, the Affiliated Hospital of Medical College, Qingdao University, Qingdao, Shandong, China. November 12-17, 2007.
53. **Lo LJ.** Visiting Scholar to the National Pediatric Hospital, Phnom Penh, Cambodia. December 3-8, 2007.
54. **Lo LJ.** Primary bilateral cheiloplasty. Presented in the 3rd Symposium on Surgical Techniques in Cleft Lip and Palate. Phnom Penh, Cambodia. December 6, 2007.
55. **Lo LJ.** Primary palatoplasty. Presented in the 3rd Symposium on Surgical Techniques in Cleft Lip and Palate. Phnom Penh, Cambodia. December 6, 2007.
56. **Lo LJ.** The brain and intracranial CSF change following craniosynostosis surgery.

Presented in Professor Chul-Gyoo Park Retirement Ceremony. Seoul, Korea, February 16, 2008.

57. **Lo LJ.** Visiting Scholar to the Oral & Maxillofacial Surgery Department, the Affiliated Hospital of Medical College, Qingdao University, Qingdao, Shandong, China. September 7-13, 2008.
58. **Lo LJ.** (1) The Evolution of Cleft Palate Repair, (2) Median Facial Dysplasia – Long-term Follow-up, (3) Treatment Planning for Adult Cleft Lip Deformity, (4) Secondary Revision of Bilateral Cleft Lip & Nose, (5) Abbe Flap in Secondary Revision. Presented in the 5th International Workshop on Surgical Techniques in Cleft Lip & Palate and Maxillofacial Surgery. Chang Gung Forum 2008. Taipei, Taiwan. October 2-4, 2008.
59. **Lo LJ.** Facial bone contouring: anatomical consideration. Presented in the 7th Asian Pacific Craniofacial Association Conference & 6th Congress of the International Society for Simulation Surgery. Taipei, Taiwan. October 5-8, 2008.
60. **Lo LJ.** Biomechanical stability analysis of fixation for mandibular BSSO. Presented in the 7th Asian Pacific Craniofacial Association Conference & 6th Congress of the International Society for Simulation Surgery. Taipei, Taiwan. October 5-8, 2008.
61. **Lo LJ.** The role of craniofacial surgeon in the skull base surgery. Presented in the 7th Asian Pacific Craniofacial Association Conference & 6th Congress of the International Society for Simulation Surgery. Taipei, Taiwan. October 5-8, 2008.
62. **Lo LJ.** Visiting Scholar to the Department of Plastic & Reconstructive Surgery, Medical School University of Indonesia, Cipto Mangunkusumo National General Hospital, Jakarta, Indonesia. Oct 19-25, 2008.
63. **Lo LJ.** Cleft lip repair (Instruction Course). Presented in the Annual Meeting of the Taiwan Society of Plastic Reconstructive Surgery. Taipei, Taiwan. November 16, 2008.
64. **Lo LJ.** Aesthetic facial bone contouring. Presented in 11th International Congress of Oriental Society of Aesthetic Plastic Surgery. Cebu, Philippines. November 16-19, 2008.
65. **Lo LJ.** Visiting Scholar to the Department of Surgery, National Pediatric Hospital, Phnom Penh, Cambodia, December 3-6, 2009
66. **Lo LJ.** Unilateral cleft lip repair. Presented at the Ramathibodi-Tawanchai Cleft Craniofacial Forum and 2nd Annual Meeting of the Thai Cleft Lip Palate and Craniofacial Association. Hua Hin, Thailand, February 6-9, 2009.
67. **Lo LJ.** Primary cleft palate repair. Presented at the Ramathibodi-Tawanchai Cleft Craniofacial Forum and 2nd Annual Meeting of the Thai Cleft Lip Palate and Craniofacial Association. Hua Hin, Thailand, February 6-9, 2009.

68. **Lo LJ.** Unilateral cleft lip repair. Presented at the 4th International Symposium on Management of Cleft lip & Palate. Lahore, Pakistan, Feb 23-25, 2009.
69. **Lo LJ.** Bilateral cleft lip repair. Presented at the 4th International Symposium on Management of Cleft lip & Palate. Lahore, Pakistan, Feb 23-25, 2009.
70. **Lo LJ.** Secondary revision of bilateral cleft lip nasal deformity. Presented at the 4th International Symposium on Management of Cleft lip & Palate. Lahore, Pakistan, Feb 23-25, 2009.
71. **Lo LJ.** Management of velopharyngeal insufficiency: an algorithm. Presented at the 4th International Symposium on Management of Cleft lip & Palate. Lahore, Pakistan, Feb 23-25, 2009.
72. **Lo LJ.** Abbe flap: indications and techniques. Presented at the 4th International Symposium on Management of Cleft lip & Palate. Lahore, Pakistan, Feb 23-25, 2009.
73. **Lo LJ.** Orthognathic surgery in cleft patients. Presented at the 4th International Symposium on Management of Cleft lip & Palate. Lahore, Pakistan, Feb 23-25, 2009.
74. **Lo LJ.** 3D CT imaging: clinical applications. Presented at the 14th Annual Conference of Pakistan Association of Plastic Surgeons & 13th Annual Conference of Pakistan Society for Surgery of Hand. Lahore, Pakistan, Feb 26-27, 2009.
75. **Lo LJ.** Visiting Scholar to the Shantou University Medical College, Guangdong, China, March 13-19, 2009.
76. **Lo LJ.** Bilateral cleft lip repair and primary nose reconstruction. Presented at the Cleft Surgery Symposium, Guangdong Plastic Surgery Association, China, March 14-15, 2009.
77. **Lo LJ.** Application of 3D Images for orthognathic surgery. Presented at the Chang Gung Forum 2009. The 2nd International Workshop on Surgical-Orthodontic Approach to Dentofacial Deformity. October 29-31, 2009.
78. **Lo LJ.** Esthetic enhancement during and after orthognathic surgery. Presented at the Chang Gung Forum 2009. The 2nd International Workshop on Surgical-Orthodontic Approach to Dentofacial Deformity. October 29-31, 2009.
79. **Lo LJ.** Visiting Scholar to the Oral & Maxillofacial Surgery Department, the Affiliated Hospital of Medical College, Qingdao University, Qingdao, Shandong, China. November 16-19, 2009.
80. **Lo LJ.** Visiting Scholar to the Department of Surgery, National Pediatric Hospital, Phnom Penh, Cambodia. November 30 – December 2, 2009.
81. **Lo LJ.** Cleft lip nasal deformity. Presented at the annual scientific meeting of Thai Plastic Surgeons combines with TST 2010 (Thailand-Singapore-Taiwan). Phuket,

Thailand, March 31- April 2, 2010.

82. **Lo LJ.** Alveolar cleft distraction. Presented at the annual scientific meeting of Thai Plastic Surgeons combines with TST 2010 (Thailand-Singapore-Taiwan). Phuket, Thailand, March 31- April 2, 2010.
83. **Lo LJ.** Visiting Scholar to the Shantou University Medical College, Guangdong, China, April 9 - 13, 2010.
84. **Lo LJ.** (1) Cleft orthognathic surgery; (2) The role of the Abbe flap in cleft lip repair. Presented at the 15th ASEAN Congress of Plastic Surgery and 8th Asian Pacific Craniofacial Association Conference. Kuching, Sarawak, Malaysia, July 14-17, 2010.
85. **Lo LJ.** Surgical treatment of cleft lip and palate. Presented in the Pedodontic Society Meeting. Taipei, Taiwan, September 12, 2010.
86. **Lo LJ.** Surgical treatment for facial asymmetry with malocclusion. Presented in the Meeting of the Academy of Taiwan Cosmetic & Implant. Taipei, Taiwan, September 17, 2010.
87. **Lo LJ.** Superimposition of 3dMD and CBCT. Presented in the Inaugural Chang Gung Craniofacial Research Conference- Integrated Basic Science and Clinical Care, and Annual Meeting of Taiwan Cleft Palate Association. Taoyuan, Taiwan, April 16-17, 2011.
88. **Lo LJ.** Management of facial asymmetry. Presented in the Inaugural Chang Gung Aesthetic Forum. Taoyuan, Taiwan, April 23-24, 2011.
89. **Lo LJ.** Facial asymmetry: assessment, planning and surgical treatment. Keynote presentation in the IPRAS Meeting, Vancouver, Canada. May 27, 2011.
90. **Lo LJ.** Application of 3D medical imaging in craniomaxillofacial surgery. Presented in the Department of Surgery, National Cheng Gung University Hospital. June 16, 2011.
91. **Lo LJ.** Primary correction of cleft lip nasal deformity. Presented in the Department of Maxillo-facial surgery, Mongolian Maternal and Child Health Research Center. Ulaanbaatar, Mongolia. August 25, 2011.
92. **Lo LJ.** Abbe flap for reconstruction of secondary cleft lip deformity. Presented in the 2nd International symposium on cleft lip palate treatment, Li Kai Shen Foundation, Haikou, Hainan, China. October 22, 2011.
93. **Lo LJ.** Secondary cleft lip nasal repair. Presented in the Chang Gung Mayo Symposium in Reconstructive Surgery. Taipei, Taiwan, October 29, 2011.
94. **Lo LJ.** Superimposition of 3dMD images for facial swelling evaluation. Presented in the International Symposium of Medical Imaging on Cleft Palate & Craniofacial Anomalies.

Taoyuan, Taiwan, October 30, 2011.

95. **Lo LJ.** Ancillary procedures for facial asymmetry. Presented in the 3rd International Workshop on Surgical-Orthodontic Approach to Dentofacial Deformity, Chang Gung Forum. Taoyuan, Taiwan, November 1, 2011.
96. **Lo LJ.** Visiting Professor. Maxillofacial Hospital, Ciao-Tung University, Xi-An, China. November 20 – 26, 2011.
97. **Lo LJ.** Surgery for bilateral cleft lip, the state of the art. Presented in the 4th Cleft Symposium, Phnom Penh, Cambodia. December 16, 2011.
98. **Lo LJ.** Visiting Professor, Division of Plastic Surgery, Department of Surgery, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand. May 1-2, 2012.
99. **Lo LJ.** Keynote lectures: (1) Cleft care center - Chang Gung experience: past, present, and future. (2) Pitfalls in cleft lip-palate surgery. Presented in the 5th Annual Meeting of the Thai Cleft Lip-Palate and Craniofacial Association. Hatyai, Songkla, Thailand. May 3-4, 2012.
100. **Lo LJ.** The 3rd Chang Gung Symposium on cleft lip/palate and surgical technique. Qingdao, Shang Dong, China. May 27-29, 2012.
101. **Lo LJ.** Presenting topic “Application of medical images on orthognathic surgery”, in the 8th Meeting of International Society for Simulation Surgery (ISSiS), Seoul, Koral. June 14-15, 2012.
102. **Lo LJ.** Presenting topic “Correction of secondary unilateral cleft lip nasal deformity: achieving the symmetry”, in the Seoul Rhinoplasty Forum 2012 (SRF), Seoul, Koral. June 16-17, 2012.
103. **Lo LJ.** Attending the 150th anniversary of the birth of Queen Sri Savarindira, “From Royal Initiatives towards the Healthy Thai Society”. Bangkok, Thailand, September 17-21, 2012.
104. **Lo LJ.** “Surgical correction of facial asymmetry”. Presented in the 13th International Congress of Oriental Society of Aesthetic Plastic Surgery. Seoul, South Korea, October 5-7, 2012.
105. **Lo LJ.** “Abbe flap for the reconstruction of secondary cleft lip deformity”. Presented in the Dongsan International Cleft Symposium, Taegu, South Korea, September 27, 2012.
106. **Lo LJ.** Visiting Professor, Cleft Lip and Palate Treatment Center, the 2nd Affiliated Hospital, Shantou University Medical Center, Shantou, Guangdong, China. December 6-9, 2012.
107. **Lo LJ.** Invited Professor. Attending the Symposium on Management of Cleft Lip and

- Palate. Lahore, Pakistan, January 7-9, 2013.
108. **Lo LJ.** Presenting topic “Orthognathic surgery – Chang Gung Experience” in the 30th anniversary conference, Department of Plastic and Reconstructive Surgery, Yeungnam University Hospital, Daegu, Korea. June 27-29, 2013.
 109. **Lo LJ.** Presenting topic “Velopharyngeal insufficiency, assessment and management” in the 9th National Symposium of Cleft Lip and Palate. Yinchuan, Ningxia, China. September 5-8, 2013.
 110. **Lo LJ.** Presenting topic “3-dimensional image simulation for orthognathic surgery” in 2013 Chang Gung Aesthetic Forum. Taoyuan, Taiwan, September 28-29, 2013.
 111. **Lo LJ.** Presenting topics “Application of navigation system in orthognathic surgery” and “Ancillary procedures for facial asymmetry” in Chang Gung Forum 2013, the 4th International Workshop on Surgery-First Orthognathic Surgery, Taipei, Taiwan. September 30 – October 2, 2013.
 112. **Lo LJ.** Presenting topic “Aesthetic surgery: angle reduction” in the Plastic Surgery 2013, American Society of Plastic Surgeons, Precongress Symposium, American Society of Maxillofacial Surgeons. San Diego, California, USA. October 10-15, 2013.
 113. **Lo LJ.** Presenting topic “Reconstruction of cleft lip nasal deformity” in the Aesthetic Conference and Cleft Palate Symposium. Shantou, Guandong, China. May 29-31, 2014.
 114. **Lo LJ.** Presenting topics “The precision of the maxilla segment in orthognathic surgery” and “Surgical navigation in orthognathic surgery: navigation machine” in the AOCMF Seminar – Advances in Navigation Computer Assisted Surgery. Taoyuan, Taiwan. June 20-22, 2014.
 115. **Lo LJ.** Receiving “**Honorary Fellowship**” of the **Royal College of Surgeons of Thailand**, and presenting a topic “Hemifacial microsomia- surgical correction after growth spurt”. 39th Annual Scientific Congress, RCST. Pattaya, Thailand. July 10-13, 2014.
 116. **Lo LJ.** Presenting topic “Primary reconstruction of unilateral cleft lip nasal deformity” in the Symposium of International Cleft Lip and Palate Foundation. Ulaanbaatar, Mongolia, September 10, 2014.
 117. **Lo LJ.** Presenting topic “Surgical correction for hemifacial microsomia after growth spurt” in the 20th Anniversary Symposium, Ajou University Medical Center, Suwon, Korea. September 13, 2014.
 118. **Lo LJ.** Presenting topic “Secondary rhinoplasty in patients with cleft lip” in the Chang Gung Aesthetic Forum, Taoyuan, Taiwan, September 26-28, 2014.

119. **Lo LJ.** Presenting topics “unilateral cleft lip repair, tips and tricks”, “current status of bilateral cleft lip repair, tips and tricks”, “cleft palate repair”, and “introduction of orthognathic surgery” in the 5th Symposium Cleft Lip-Palate Management-Multidisciplinary Team Care, Phnom Penh, Cambodia. January 9, 2015.
120. **Lo LJ.** Presenting topic “International healthcare volunteerism: the Noordhoff Foundation and Chang Gung experience in Asia” in the Perspective on Plastic Surgery Education, Research, and Volunteerism: USA and International. St. Louis, Missouri, USA. April 17, 2015.
121. **Lo LJ.** Presenting topics “computer planning and simulation surgery in cleft orthognathic surgery”, “secondary surgery for cleft lip and nasal deformity”, and “Managing oronasal fistula” in 8th Asian Pacific Cleft Lip & Palate/Craniofacial Congress 2015. Penang, Malaysia, April 23-25, 2015.
122. **Lo LJ.** Presenting topic “Improving unilateral cleft lip repair: lengthening of lip and nasal over-correction” in the 10th China National Symposium on Cleft Lip & Palate. Urumqi, Xinjiang, China. September 10-11, 2015.
123. **Lo LJ.** Presenting topic “3-dimensional computer-assisted orthognathic surgery: Chang Gung Experience” in the panel of *Virtual Orthognathic Surgery* in the 16th Congress of International Society of Craniofacial Surgery (ISCFS). Tokyo, Japan, September 14-18, 2015.
124. **Lo LJ.** Presenting topic “Facial contouring as an adjunct procedure in orthognathic surgery” in the 5th Chang Gung Aesthetic Conference. Taoyuan, Taiwan. October 2-4, 2015.
125. **Lo LJ.** Presenting topics “Virtual surgical planning in orthognathic surgery: real-time navigation” and “Surgical approach for class III skeletal deformity” in the Chang Gung Forum for Orthognathic Surgery. Taoyuan, Taiwan, October 5-7, 2015.
126. **Lo LJ.** Presenting topic “Correction of facial asymmetry” in the 8th Taiwan Cleft Palate-Craniofacial Association. Taipei, Taiwan, March 13, 2016.
127. **Lo LJ.** Presenting topic “Facial bone contouring: Pitfalls and management” in the 15th International Congress of the Oriental Society of Aesthetic Plastic Surgery (OSAPS). Taipei, Taiwan, May 13-15, 2016.
128. **Lo LJ.** Presenting topic “Image studies in orthognathic surgery” in the Chang Gung Advanced OGS Course: Surgery-first and one-stent OGS. Taoyuan, Taiwan. May 23-28, 2016.
129. **Lo LJ.** Presenting topic “Alveolar bone grafting in patients with cleft lip/palate in mixed

- dentition” in the Symposium on Pediatric Medical Care and Safe Environment 兒童醫療及安全環境學術研討會. Taipei, Taiwan, June 18, 2016.
130. **Lo LJ.** Presenting topics “Cleft palate surgery” and “Surgical management of patients with velopharyngeal insufficiency. Qingdao University Hospital, Qingdao, China, October 13, 2016.
 131. **Lo LJ.** Presenting topics “3D simulation for orthognathic surgery” and “Mandible contouring surgery” in 74th Congress of the Korean Society of Plastic and Reconstructive Surgeons. November 17-20, 2016, Seoul, Korea.
 132. **Lo LJ.** Presenting topics “Orthognathic surgery: planning, procedure, assessment of results”, “Long-term follow up from birth to adult for unilateral cleft lip and palate surgery” and “Management of hemifacial microsomia” in 11th Congress of the Asian Pacific Craniofacial Association. Nara, Japan. December 1-3, 2016.
 133. **Lo LJ. Visiting Professor,** presenting topic “Treatment of patients with cleft lip and palate”. The Faculty of Dentistry, Hasanuddin University, Makarsa, Indonesia. May 10, 2017.
 134. **Lo LJ.** Presenting topics “3D printing in the orthognathic surgery for patients with facial asymmetry” and “Application of navigation in orthognathic surgery” in the AOCMF Seminar- Advances in Computer Assisted Surgery. Keelung, Taiwan. June 10-11, 2017.
 135. **Lo LJ.** Presenting topics, (1) achieving the excellence: current status of cleft lip/palate treatment in Taiwan, (2) technique of lip lengthening in unilateral cleft lip repair, (3) primary palate repair using modified Furlow method, (4) a surgical protocol for correction of velopharyngeal insufficiency, (5) reinforcing the mucoperiosteal pocket with Scarpa’s fascia graft in secondary alveolar bone graft, and (6) computer-assisted orthognathic surgery for patients with cleft lip/palate, in the Congress of Cleft lip/Palate Treatment Concept and Technique. September 16-17, Shantou, Guandong, China.
 136. **Lo LJ.** Presenting topics, (1) surgical approach for class III skeletal deformity, (2) surgeon’s role in computer assistance and surgical simulation, in the Chang Gung Forum 2017: The Joint Symposium on the 6th International Workshop on Surgery-First Orthognathic Surgery & 8th William H. Bell Lectureship. September 25-27, 2017, Taipei, Taiwan.
 137. **Lo LJ. Visiting Professor,** UTSW, Dallas, Texas, USA, November 6-8, 2017.
 138. **Lo LJ.** 高天成紀念演講獎, 台灣醫學會, presenting topic “Achieving the excellence: Current status of cleft lip/palate treatment in Taiwan”. November 12, 2017, Taipei, Taiwan.

139. **Lo LJ.** Presenting topics (1) maximizing the unilateral cleft lip repair, (2) surgical treatment for adult patients with hemifacial microsomia, and (3) 3D imaging in craniomaxillofacial surgery. 52nd Annual Conference of Association of Plastic Surgeons of India, November 15-19, 2017, Kochi, Kerala, India.
140. **Lo LJ.** Presenting topics (1) unilateral cleft lip repair: achieving the excellent result, (2) cleft care and team work at Chang Gung Memorial Hospital, in the Annual Partner Meet 2017, Deutsche Cleft Kinderhilfe. November 18, 2017, Bangalore, India.
141. **Lo LJ.** Presenting topic “3D simulation and 3D printing for orthognathic surgery: the practice in Chang Gung Craniofacial Center” in the 10th KSSiS Symposium. November 22, 2017, Seoul, Korea.
142. **Lo LJ. Visiting Professor,** Yanhee International Hospital, presenting topic “cosmetic orthognathic surgery: team organization, orthodontist cooperation and results”. November 29, 2017, Bangkok, Thailand.
143. **Lo LJ.** Presenting topic “aesthetic facial skeleton surgery” in the Annual Meeting of THSAPS 2017. November 30 to December 1, 2017, Bangkok, Thailand.
144. **Lo LJ. Visiting Professor,** Qingdao Women and Children’s Hospital. Presenting topics “Experience of Chang Gung cleft and craniofacial team”. January 12-14, Qingdao, Shandong, China.
145. **Lo LJ.** Presenting topics “adequate release of tension in cleft palate repair: dissection in the space of pyramid” and “use of Scarpa fascia graft in secondary alveolar bone grafting” in the Southeast Asia Conference of Associates of Smile Train (SEACOAST). February 2-4, 2018, Bangkok, Thailand.
146. **Lo LJ.** Presenting topic “soft tissue augmentation for hemifacial microsomia” in the Annual Meeting, Taiwan Cleft Palate Association (TCPA). April 15, Taipei, Taiwan.
147. **Lo LJ.** Presenting topic “image studies in OGS” in the Chang Gung Advanced OGS Course: Surgery-first Orthognathic Surgery. June 4-9, 2018, Taoyuan, Taiwan.
148. **Lo LJ.** Presenting topic “surgeon’s role in computer assistance and surgical simulation for facial asymmetry” in AOCMF Seminar- Advances in Orthognathic Surgery. June 9-10, 2018, Taoyuan, Taiwan.
149. **Lo LJ.** Presenting 6 topics related to CLP reconstruction in the 10th International Workshop in Cleft Lip/Palate, Nasal Deformity & Ear Deformity. October 1-3, 2018, Taoyuan Taiwan.
150. **Lo LJ.** Presenting 8 topics in CLP reconstruction, in the Qingdao Chang Gung Forum. November 3, 2018, Qingdao, China.

151. **Lo LJ.** Visiting Professor and presenting 3 topics in Beijing Dental Hospital. November 5, 2018, Beijing, China.
152. **Lo LJ.** Presenting topic “application of augmented reality in plastic surgery” in YC Wang Memorial Conference. November 16, 2018, Chang Gung Memorial Hospital, Taoyuan, Taiwan.
153. **Lo LJ.** Presenting topic “intraoral scanning and setting up the digital final occlusion in 3D planning of orthognathic surgery” in the 6th World Association for Plastic Surgeons of Chinese Descent, and Asian Pacific Plastic and Reconstructive Surgery Forum. November 29, 2018, Taipei, Taiwan.
154. **Lo LJ.** Presenting topics “orthognathic surgery for facial asymmetry”, “facial bone contouring”, and “3D printing” in the 12th Congress of Asian Pacific Craniofacial Association. December 2-4, 2018, Seoul, Korea.
155. **Lo LJ.** Presenting topics “Maintaining the Midline and Facial Symmetry in 3D Planning” and “Maintaining the Midline and Facial Symmetry in Surgical Execution” in Chang Gung Forum 2019, the 7th International Workshop on Surgery-First Orthognathic Surgery. October 7-9, 2019, Taoyuan, Taiwan.
156. **Lo LJ.** Invited to 7th World Congress for Plastic Surgeons of Chinese Descent (WAPSCD), and presented “3D planning and execution in orthognathic surgery for patients with facial asymmetry and prognathism” and “Reduction of prominent zygoma”. October 17-20, 2019. Hangzhou, China.
157. **Lo LJ.** Invited to 77th Congress of Korean Society of Plastic and Reconstructive Surgeons (PRS Korea), and presented “rhinoplasty in adult patients with cleft”, and “skeletofacial reconstruction for adult patients with hemifacial microsomia”. November 8-10, 2019, Seoul, Korea.
158. **Lo LJ.** Invited to 9th Asian Pacific Cleft Lip-Palate and Craniofacial Congress, presenting “A role of comprehensive cleft care in Asia Pacific”, “Cleft orthognathic surgery: An update”, and “A model of longitudinal surgical cleft care: Maximizing the effect and minimizing the burden”. November 11-12, 2019, Khon Kaen, Thailand.
159. **Lo LJ.** Visiting Professor, Women and Children Hospital, Qingdao, Shan Dong, China. November 30 – December 4, 2019.
160. **Lo LJ.** Invited speaker and surgical demonstration, “Interdisciplinary management of velopharyngeal dysfunction in cleft lip and palate patients. International course.” Cleft lip and Palate Unit, Pediatric Maxillofacial Surgery, Vall D’hebron University, Barcelona, Spain. February 20-22, 2020.

161. **Lo LJ.** Honored Guest Professor, 90th anniversary ceremony, National Center for Maternal and Child Health, Ulaanbaatar, Mongolia. Video presentation topic: “Comprehensive cleft care”. September 10, 2020.
162. **Lo LJ.** Invited speaker, the III Latin American Craniofacial Association (LATICFA) Online Congress. Presenting topics, (1) bilateral cleft care, and (2) Chang Gung CLP interdisciplinary protocol (online). September 25-26, 2020, Lima, Peru.
163. **Lo LJ.** Chairman and organizer of the 11th International Workshop in Cleft Lip/Palate, Chang Gung Forum 2020 Webinar. Presenting topics, (1) Principle of cleft reconstruction, (2) Unilateral cleft lip repair, nasal over-correction, (3) Bilateral cleft lip repair, complete, asymmetric and microform, (4) Primary palatoplasty, modified Furlow method, (5) Current trend in cleft care. November 7-8, 2020, Taoyuan, Taiwan.
164. **Lo LJ.** Presenting topic “International cleft care” in the Circle of Cleft Professionals (online), CoCP Webinar #26, Transforming Faces, www.transformingfaces.org. September 9, 2021, Vancouver, Canada.
165. **Lo LJ.** Presenting topic “3D printing of occlusal splint with extension bars for precision in orthognathic surgery” in AO CMF Course- Advances in Computer-Assisted Planning and 3-D Printing in Craniomaxillofacial Surgery. Taipei, Taiwan, September 12, 2021.
166. **Lo LJ.** Presenting topic “3D simulation: Surgeon’s perspective” in the 1st TU Orthognathic Surgery Summit: Integration in Surgery-first Approach. Thailand (online), September 13-15, 2021, Bangkok, Thailand.
167. **Lo LJ.** Presenting topic: “Orthognathic surgery for the correction of facial asymmetry” in ISCFS 2021. Paris (online) October 16, 2021.
168. **Lo LJ.** Presenting topic: “3D imaging in oral and maxillofacial surgery” (online) in 7th International Conference on Biophysical Technology in Dentistry. March 25, 2022, Markasa, Indonesia.
169. **Lo LJ.** Presenting topic “Unilateral cleft lip repair: Achieving the excellence” (video recording) in the 2022 West China Dental International Frontier Forum. July 13, 2022, Chengdu, China.
170. **Lo LJ.** Presenting topic “Evolution of cleft lip repair technique” (video recording) in the 33rd Asan Plastic Surgery Symposium 2022. July 16, 2022, Seoul, Korea.

BOOK AND CHAPTERS

1. Kane AA, **Lo LJ**, Marsh JL. “Computer-aided craniofacial surgery”, in *Computer-aided Otorhinolaryngology-Head and Neck Surgery*. Editor: Citardi MJ. Marcel-Dekker

Publishers, New York, NY. 2002.

2. **Lo LJ.** Chapter 3 “Craniofacial imaging”, in *The Craniofacial Anomaly*. Editor: Chen YR. Ho-Chi Publishing Co. Taipei, Taiwan, 2002. Pp29-40.
3. **Lo LJ,** Chen YR. Chapter 9 “Craniofacial surgery”, in *The Craniofacial Anomaly*. Editor: Chen YR. Ho-Chi Publishing Co. Taipei, Taiwan, 2002. Pp 121-139
4. Choi BK, **Lo LJ.** Chapter 21 “Cleft lip and palate: fistulas”, in *Decision Making in Plastic Surgery*. Editors: Marsh JL, Perlyn C. Quality Medical Publishing, Inc. St. Louis, Missouri, USA, 2010. Pp 50-51.
5. Liao YF, **Lo LJ.** Chapter 22 “Cleft lip and/or palate: dentoskeletal management”, in *Decision Making in Plastic Surgery*. Editors: Marsh JL, Perlyn C. Quality Medical Publishing, Inc. St. Louis, Missouri, USA, 2010. Pp 52-53.
6. **Lo LJ.** “Computer-aided design and application”, in *Craniofacial Surgery*. Editors: Zhang DS and Mu XZ. Shanghai (Chinese edition)
7. **Lo LJ.** “Mandibular angle reduction”, in *Craniofacial Surgery*. Editors: Zhang DS and Mu XZ. Shanghai (Chinese edition)
8. David-Paloyo FP, **Lo LJ.** “Unilateral cleft lip” in *Case Review in Plastic Surgery*. Editor: Perlyn C. Quality Medical Publishing, Inc. St. Louis, Missouri, USA, 2011.
9. Morris DE, **Lo LJ.** Maxillofacial augmentation and reduction. In Ferraro’s *Fundamental of Maxillofacial Surgery*. Editors: Taub PJ, Patel PK, Buchman SR, Cohen MN. Springer Science+Business Media, New York, USA, 2015. Pp 443-453.
10. Goh RCW, Kim HY, **Lo LJ.** “Aesthetic correction of the facial skeleton – lower face”, in *Aesthetic Plastic Surgery in Asians: Principles and Techniques*. Editors: Lee Pu, Chen YR., et al. Quality Medical Publishing, Inc. St. Louis, Missouri, USA, 2015.
11. Denadai R, **LJ Lo.** Editors of the book entitled *Current concept in cleft surgery: Moving toward excellence of outcome and reducing the burden of care*. Springer, Berlin, Germany, 2022.

PUBLICATIONS (peer-review journals)

1. **Lo LJ***, Yang JY, and Wei FC. Free flap transfer in burn reconstruction. *Chang Gung Medical Journal* 14(1): 8-14, 1991. (*Corresponding author)
2. **Lo LJ***, Chen YR, and Noordhoff MS. A simple and effective method of compression dressing for skin grafting. *Journal of the Formosan Medical Association* 91(5): 555-7, 1992. (*Corresponding author)
3. Chen YR, **Lo LJ**, Kyutoku S, and Noordhoff MS. Facial midline and symmetry: modified

- face bow. *Plastic & Reconstructive Surgery* 90(1): 126-8, 1992.
4. Cheng SL, **Lo LJ**, and Wei FC. Replantation of avulsion amputation of the thumb. *The Journal of Plastic and Reconstructive Surgical Association R.O.C.* 2(2): 15-21, 1993.
 5. Noordhoff MS, Huang CS, and **Lo LJ**. Median facial dysplasia in unilateral and bilateral cleft lip and palate: A subgroup of median cerebrofacial malformations. *Plastic & Reconstructive Surgery* 91(6): 996-1005, 1993.
 6. **Lo LJ***, Chen YR, Weng CJ, and Noordhoff MS. Use of split anterior tibial muscle flap in treating avulsion injury of leg associated with tibia exposure. *Annals of Plastic Surgery* 31(2): 112-116, 1993. (*Corresponding author)
 7. **Lo LJ***, Chen YR, Huang CS, and Noordhoff MS. Use of compression splint after immediate ear reconstruction. *Plastic & Reconstructive Surgery* 92: 955-959, 1993. (*Corresponding author)
 8. **Lo LJ***, Noordhoff MS, Huang CS, Chen KT, and Chen YR. Syndrome of proximal deletion of the long arm of chromosome 1: [del(1)(q23-q25)]. *The Cleft Palate-Craniofacial Journal* 30: 586-589, 1993. (*Corresponding author)
 9. **Lo LJ***, Noordhoff MS, and Chen YR. Cleft lip and hemangioma: A patient with Wolf-Hirschhorn syndrome. *Annals of Plastic Surgery* 32: 539-541, 1994. (*Corresponding author)
 10. **Lo LJ**, Marsh JL, Vannier MW, and Patel VV. Craniofacial computer assisted surgical planning and simulation. *Clinics in Plastic Surgery* 21: 501-516, 1994.
 11. Patel VV, Vannier MW, Marsh JL, and **Lo LJ**. Evaluation of digital surgical simulation. In *Proceedings of Computer Assisted Radiology, 9th International Symposium, Berlin, June 1995*. Springer Verlag, Germany, 1995. Pp 783-788.
 12. **Lo LJ**, Marsh JL, Patel VV, and Vannier MW. Craniofacial surgical simulation and outcome validation. In *Proceedings of Computer Assisted Radiology, 9th International Symposium, Berlin, June 1995*. Springer Verlag, Germany, 1995. Pp 789-794.
 13. Noordhoff MS, Chen YR, Chen KT, Hong KF, and **Lo LJ**. The surgical technique for the complete unilateral cleft lip-nasal deformity. *Operative Techniques in Plastic and Reconstructive Surgery* 2: 167-174, 1995.
 14. Patel VV, Vannier MW, Marsh JL, and **Lo LJ**. Assessing craniofacial surgical simulation. *IEEE Computer Graphics* 16: 46-54, 1996.
 15. **Lo LJ**, Marsh JL, Pilgram TK, and Vannier MW. Plagiocephaly: differential diagnosis based on endocranial morphology. *Plastic and Reconstructive Surgery* 97: 282-291, 1996.

16. **Lo LJ**, Marsh JL, Kane AA, and Vannier MW. Orbital dysmorphology in unicoronal synostosis. *Cleft Palate and Craniofacial Journal* 33: 190-197, 1996.
17. Kane AA, **Lo LJ**, Vannier MW, and Marsh JL. Mandibular dysmorphology in unicoronal synostosis and plagiocephaly without synostosis. *Cleft Palate and Craniofacial Journal* 33: 418-423, 1996.
18. **Lo LJ**, Marsh JL, Yoon M, and Vannier MW. Stability of fronto-orbital advancement in nonsyndromic bicoronal synostosis: a quantitative 3D CT study. *Plastic and Reconstructive Surgery* 98: 393-405, 1996.
19. Kane AA, **Lo LJ**, Christensen GE, Vannier MW, and Marsh JL. Relationship between bone and muscles of mastication in hemifacial microsomia. *Plastic and Reconstructive Surgery* 99(4): 990-997, 1997.
20. **Lo LJ***, Hsueh C, Noordhoff MS, and Chen YR. Infantile myofibromatosis: a solitary lesion involving upper lip. *Annals of Plastic Surgery* 39(6): 624-627, 1997. (*Corresponding author)
21. Chen ZC, **Lo LJ***, Chou ML, and Chen YR. Ecthyma gangrenosum and palate necrosis in a healthy cleft patient. *The Journals of Plastic and Reconstructive Surgical Association ROC* 7(2): 159-163, 1998. (*Corresponding author)
22. Williams WG, **Lo LJ***, and Chen YR. The LeFort I-palatal split approach for skull base tumors: efficacy, complications and outcome. *Plastic and Reconstructive Surgery* 102(7): 2310-2319, 1998. (*Corresponding author)
23. **Lo LJ***, and Noordhoff MS. The van der Woude patient. *Cleft Palate-Craniofacial Journal* 36(1): 86-87, 1999. (*Corresponding author)
24. Lin YC, **Lo LJ***, Noordhoff MS, and Chen YR. Cleft of the lip and palate in twins. *Chang Gung Medical Journal* 22(1): 61-67, 1999. (*Corresponding author)
25. Lin WY, **Lo LJ***, Chen YR, and Noordhoff MS. Bilateral coronoid process hyperplasia with limitation on mouth opening. *Chang Gung Medical Journal* 22(1): 123-127, 1999. (*Corresponding author)
26. **Lo LJ***, Huang CS, Chen YR, and Noordhoff MS. Palatoalveolar outcome at 18 months following simultaneous primary cleft lip repair and posterior palatoplasty. *Annals of Plastic Surgery* 42(6): 581-588, 1999. (*Corresponding author)
27. Fisher DM, **Lo LJ***, Chen YR, and Noordhoff MS. 3D CT analysis of the primary nasal deformity in 3 months old infants with complete UCLP. *Plastic and Reconstructive Surgery* 103(7): 1826-1834, 1999. (*Corresponding author) (*Supported by NSC 89-2314-B-182A-064*)

28. **Lo LJ***, and Chen YR. Airway obstruction in severe syndromic craniosynostosis. *Annals of Plastic Surgery* 43(3): 258-264, 1999. (*Corresponding author)
29. Chang CN, **Lo LJ***, Chen YR, and Noordhoff MS. Maxillary growth after palatal denudation: An animal experiment. *Chang Gung Medical Journal* 22(3): 378-385, 1999. (*Corresponding author) (*Supported by NSC 87-2314-B182A-076*)
30. Tseng WS, **Lo LJ***, Tung TC, and Chen YR. A comparative study of various fixation methods for mandibular fracture. *Chang Gung Medical Journal* 22(4): 565-570, 1999. (*Corresponding author)
31. Wu YF, Chao PH, **Lo LJ***, Chen YR, and Noordhoff MS. The social support and life adjustment on cleft teenagers in Taiwan. *Chang Gung Medical Journal* 23(3):128-134, 2000. (*Corresponding author)
32. **Lo LJ***, Lin WY, Wong HF, Lu KT, and Chen YR. Quantitative measurement on 3-dimensional computed tomography: an experimental validation using phantom objects. *Chang Gung Medical Journal* 23(6): 354-359, 2000. (*Corresponding author) (*Supported by NSC 88-2314-B-182A-017*)
33. Kane AA, **Lo LJ***, Yen PT, Chen YR, and Noordhoff, MS. The effect of hamulus fracture on the outcome of palatoplasty: a preliminary report of a prospective, alternating study. *Cleft Palate-Craniofacial Journal* 37(5):506-511, 2000. (*Corresponding author) (*Supported by NSC 87-2314-B-182A-074*)
34. Lin CH, **Lo LJ***, Wang ML, Chen YR, and MS Noordhoff. Major hematological diseases associated with cleft lip and palate. *Cleft Palate-Craniofacial Journal* 37(5): 512-515, 2000. (*Corresponding author)
35. Kane AA, **Lo LJ***, Chen YR, Hsu KH, and Noordhoff MS. The course of the inferior alveolar nerve in the normal human mandibular ramus and in patients presenting for cosmetic reduction of the mandibular angles. *Plastic and Reconstructive Surgery* 106:1162-1174, 2000. (*Corresponding author) (*Supported by CMRP1377*)
36. Chang CW, Chen PKT, Hung KF, and **Lo LJ**. The speech performance of incomplete cleft of secondary palate patients after Furlow Palatoplasty. *The Journal of Plastic Surgical Association ROC*. 10(1):14-18, 2001.
37. Lin CC, **Lo LJ***, Lee MY, Wong HF, and Chen YR. Craniofacial surgical simulation: Application of 3-dimensional medical imaging and rapid prototyping models. *Chang Gung Medical Journal* 24(4):229-238, 2001. (*Corresponding author)
38. Perlyn CA, Marsh JL, Vannier MW, Kane AA, Koppel P, Clark KW, Christensen GE, Knapp R, **Lo LJ**, and Govier D. The craniofacial anomalies archive at St. Louis

- Children's Hospital: 20 years of craniofacial imaging experience. *Plastic and Reconstructive Surgery* 108(7):1862-1870, 2001.
39. Chen YR, Wong FH, Hsueh C, and **Lo LJ**. CT characteristics of non-syndromic craniofacial fibrous dysplasia. *Chang Gung Medical Journal* 25(1): 1-8, 2002.
 40. **Lo LJ***, Hung KF, and Chen YR. Blindness as a complication of Le Fort I osteotomy for maxillary distraction. *Plastic and Reconstructive Surgery* 109(2): 688-698, 2002. (*Corresponding author)
 41. Kane AA, Liao YF, **Lo LJ***, Huang CS, Huang LM, Chen YR, and Noordhoff, MS. A cephalometric study of facial growth in van der Woude syndrome. *Cleft Palate-Craniofacial Journal* 39(2): 219-225, 2002. (*Corresponding author)
 42. Chen CM, **Lo LJ***, and Wong HF. Congenital infiltrating lipomatosis of the face: case report and literature review. *Chang Gung Medical Journal* 25(3): 194-200, 2002. (*Corresponding author)
 43. Yu CC, Wong FH, **Lo LJ***, and Chen YR. Hereditary cleft lip/palate and Wilms tumor: a rare association. *Cleft Palate-Craniofacial Journal* 39(3): 376-379, 2002. (*Corresponding author)
 44. Lee MY, Chang CC, Lin CC, **Lo LJ**, and Chen YR. 3D image reconstruction and rapid prototyping models in custom implant design for patient with cranial defect. *IEEE Engineering in Medicine and Biology* 21(2): 38-44, 2002.
 45. Li HY, **Lo LJ**, Chen KS, Wong KS, and Chang KP. Robin sequence: review of treatment modalities for airway obstruction in 110 cases. *Int J Pediatr Otorhinolaryngol* 65(1):45-51, 2002.
 46. Chang RC, **Lo LJ**, Huang CS, Chen KJ, and Chen YR. 3-dimensional image. *J Taiwan Assoc Orthod* 14(4): 5-14, 2002.
 47. **Lo LJ***, Wong FH, Chen YR, and Wong HF. Mandibular dysmorphology in patients with unilateral cleft lip and palate. *Chang Gung Medical Journal* 25(8): 502-508, 2002. (*Corresponding author) (*Supported by NSC 89-2314-B-182A-152*)
 48. Long V, **Lo LJ***, and Chen YR. Facial reconstruction after complicated gunshot injury: case report. *Chang Gung Medical Journal* 25(8): 557-562, 2002. (*Corresponding author)
 49. **Lo LJ***, Wong FH, Mardini S, Chen YR, and Noordhoff MS. Assessment of bilateral cleft lip nose deformity: a comparison of results as judged by cleft surgeons and laypersons. *Plastic and Reconstructive Surgery* 110(3): 733-738, 2002. (*Corresponding author)
 50. **Lo LJ***, Wong FH, Chen YR, Lin WY, and Ko EWC. Palatal surface area measurement:

- comparisons among different cleft types. *Annals of Plastic Surgery* 50(1): 18-24, 2003. (*Corresponding author) (*Supported by NSC 89-2314-B-182-104*)
51. **Lo LJ***, and Chen YR. 3-dimensional CT imaging in craniofacial surgery: morphological study and clinical applications. *Chang Gung Medical Journal* 26(1): 1-11, 2003. (*Corresponding author)
52. Hung KF, Dsen N, Chuang SS, de Villa GH, Chen KT, **Lo LJ**, Chang CN, Yu CC, Chen YR. Programmed database system at the Chang Gung Craniofacial Center (Part I). *Chang Gung Medical Journal* 26(7): 496-502, 2003.
53. Chuang SS, de Villa GH, Chen KT, Hung KF, **Lo LJ**, Chang CN, Yu CC, Chen YR. Programmed database system at the Chang Gung Craniofacial Center (Part II): digitizing photographs. *Chang Gung Medical Journal* 26(7): 503-509, 2003.
54. **Lo LJ***, Kane AA, and Chen YR. Simultaneous reconstruction of the secondary bilateral cleft lip and nasal deformity: Abbe flap revisited. *Plastic and Reconstructive Surgery* 112(5): 1219-1227, 2003. (*Corresponding author)
55. Chhoeurn V, de Villa GH, and **Lo LJ***. Osseous regeneration after embolization of mandibular arteriovenous malformation. *Chang Gung Medical Journal* 26(12):937-942, 2003. (*Corresponding author)
56. Yu CC, Wong FH, **Lo LJ***, and Chen YR. Craniofacial deformity in patients with uncorrected congenital muscular torticollis: an assessment from 3-dimensional CT imaging. *Plastic and Reconstructive Surgery* 113(1):24-33, 2004. (*Corresponding author) (*Supported by NSC 90-2314-B-182A-142*)
57. **Lo LJ***, Chen YR, Tseng CS, and Lee MY. Computer-aided reconstruction of traumatic fronto-orbital osseous defects: an aesthetic consideration. *Chang Gung Medical Journal* 27(4): 283-291, 2004. (*Corresponding author)
58. **Lo LJ***, Wong FH, and Chen YR. The position of the inferior alveolar nerve at the mandibular angle: an anatomical consideration for aesthetic mandibular angle reduction. *Annals of Plastic Surgery* 53(1): 50-55, 2004. (*Corresponding author) (*Supported by CMRP1377*)
59. Chen CM, Lin YC, **Lo LJ***, and Chen YR. Accuracy and precision of photographic anthropometry. *The Journal of Plastic Surgical Association ROC* 13: 73-79, 2004. (*Corresponding author)
60. Lai JP, **Lo LJ**, Wong HF, Wang SR, and Yun C. Vascular abnormalities in the head and neck area in velocardiofacial syndrome. *Chang Gung Medical Journal* 27(8): 586-593, 2004.

61. Chen ZC, Chen PK, Hung KF, **Lo LJ**, Chen YR. Microtia reconstruction with adjuvant 3-dimensional template model. *Annals of Plastic Surgery* 53(3):282-287, 2004.
62. Huang F, **Lo LJ**, and Chen YR. Tongue-lip adhesion in the management of Pierre Robin sequence with airway obstruction: technique and outcome. *Chang Gung Medical Journal* 28(2): 90-96, 2005.
63. Lin CL, Kuo YC, **Lo LJ**. Design, manufacture and clinical evaluation of a new TMJ exerciser. *Biomedical Engineering- Applications, Basis & Communications* 17: 135-140, 2005. (EI)
64. **Lo LJ***, Mardini S, and Chen YR. Volumetric change of the muscles of mastication assessed using 3-dimentional CT scan data following resection of mandibular angles: a long-term follow-up. *Annals of Plastic Surgery* 54:615-621, 2005. (*Corresponding author)
65. Mardini S, See LC, **Lo LJ***, Salgado CJ, and Chen YR. Intracranial space, brain and cerebrospinal fluid volume measurements in patients with and without Crouzon syndrome with the aid of 3-dimentional computerized tomography data. *Journal of Neurosurgery* 103:238-246, 2005. (*Corresponding author) (*Supported by NSC 91-2314-B-182-092*)
66. **Lo LJ***, Lin CL, Kuo YC, and Chen YR. Temporomandibular joint exerciser: development and preliminary clinical report. *The Journal of Plastic Surgical Association R.O.C.* 14:273-278, 2005. (*Corresponding author) (*Supported by NSC 92-2314-B-182-081*)
67. Chang CH, Chen ZC, Chen PKT, Hung KF, **Lo LJ**, and Chen YR. Three-dimensional template model- a useful adjuvant tool in secondary ear reconstruction. *The Journal of Plastic Surgical Association R.O.C.* 14:378-387, 2005.
68. Ho CT, Heller F, **Lo LJ***, Liou EJW, Huang CS, and Chen YR. Distraction osteogenesis in adolescents with maxillary arch deficiency and dental crowding: a 3-years follow-up. *Plastic and Reconstructive Surgery* 117:2337-2346, 2006. (*Corresponding author)
69. **Lo LJ***. Primary correction of the unilateral cleft lip nasal deformity: achieving the excellence. *Chang Gung Medical Journal* 29:262-267, 2006. (*Corresponding author)
70. Chen ZC, Chen YR, Chen KT, **Lo LJ**, Yu CC, Lin CH. Transparent film as an adjuvant tool in microtia auricular reconstruction. *The Journal of Plastic Surgical Association R.O.C.* 15:199-205, 2006.
71. **Lo LJ***, and Chen YR. The volume of muscles of mastication in patients receiving mandibular contouring surgery: A comparative study. *Journal of Plastic, Reconstructive, & Aesthetic Surgery* 60: 125-129, 2007. (*Corresponding author)
72. Diah E, **Lo LJ***, Huang CS, Sudjatmiko G, Susanto I, and Chen YR. Maxillary growth of

- adult patients with unoperated cleft: answers to the debates. *Journal of Plastic, Reconstructive, & Aesthetic Surgery* 60: 407-413, 2007. (*Corresponding author) (*Supported by NSC 94-2314-B-182A-180*)
73. Kane AA, DeLeon VB, Valeri C, Becker DB, Richtsmeier JT, **Lo LJ**. Preoperative osseous dysmorphology in unilateral complete cleft lip and palate: a quantitative analysis of computed tomography data. *Plastic and Reconstructive Surgery* 119: 1295-1301, 2007.
 74. Lee LW, Chen SH, Yu CC, **Lo LJ**, Lee SR, Chen YR. Stigmato, body image, and quality of life in women seeking orthognathic surgery. *Plastic and Reconstructive Surgery* 120: 225-231, 2007.
 75. Morris DE, Moaveni Z, **Lo LJ***. Aesthetic facial skeletal contouring in the Asian patient. *Clinics in Plastic Surgery* 34: 547-556, 2007. (*Corresponding author)
 76. Morris DE, **Lo LJ**, Margulis A. Pitfalls in orthognathic surgery: avoidance and management of complications. *Clinics in Plastic Surgery* 34(3): e17-29, 2007.
 77. Wattanawong K, Tan YC, **Lo LJ***, Chen PKT, Chen YR. Comparison of outcomes of velopharyngeal surgery between the inferiorly and superiorly based pharyngeal flaps. *Chang Gung Medical Journal* 30: 430-436, 2007 (*Corresponding author)
 78. Diah E, Morris D, **Lo LJ***, Chen YR. Cystic degeneration in craniofacial fibrous dysplasia: clinical presentations and management. *Journal of Neurosurgery* 107: 504-508, 2007. (*Corresponding author)
 79. Diah E, **Lo LJ***, Yun C, Wang R, Wahyuni LK, and Chen YR. Cleft oronasal fistula: a review of treatment results and proposal of surgical management algorithm. *Chang Gung Medical Journal* 30: 529-537, 2007 (*Corresponding author)
 80. Huang JJ, Hou JW, Tan YC, Chen KT, **Lo LJ***, Chen YR. Van der Woude Syndrome: Clinical Presentation in 64 Patients. *Cleft Palate-Craniofacial Journal* 44: 649-652, 2007 (*Corresponding author)
 81. Hu TL, **Lo LJ***, Chen YR. Approach for midline skull base tumor using Le Fort I-palatal split osteotomy: extent and problems. *The Journal of Plastic Surgical Association R.O.C.* 16: 287-293, 2007 (*Corresponding author)
 82. **Lo LJ***, Lin CL, and Chen YR. A device for temporomandibular joint exercise and trismus correction: the design and clinical application. *Journal of Plastic, Reconstructive, & Aesthetic Surgery* 61: 297-301, 2008. (*Corresponding author) (*Supported by NSC 92-2314-B-182-081*)
 83. Leow AM, **Lo LJ***. Palatoplasty: evolution and controversies. *Chang Gung Medical*

- Journal 31: 335-345, 2008. (*Corresponding author)
84. Ho CT, **Lo LJ**, Liou EJW, Huang CS. Dental and skeletal changes following surgically assisted rapid maxillary anterior-posterior expansion. *Chang Gung Medical Journal* 31: 346-357, 2008.
 85. Hu TL, Yun C, Wang R, Chen PKT, **Lo LJ***. Management of velopharyngeal insufficiency in the presence of enlarged tonsils: comparing a one-stage versus two-stage protocol. *Journal of Plastic, Reconstructive, & Aesthetic Surgery* 61: 883-888, 2008. (*Corresponding author)
 86. Lin CC, **Lo LJ***. Comparison of pharyngeal flap and sphincter pharyngoplasty for the correction of velopharyngeal insufficiency: a retrospective study. *The Journal of Plastic Surgical Association R.O.C.* 17: 224-231, 2008. (*Corresponding author)
 87. Seidenstricker-Kink LM, Becker DB, Govier DP, DeLeon VB, **Lo LJ**, Kane AA. Comparative osseous and soft tissue morphology following cleft lip repair. *Cleft Palate Craniofac J.* 45: 511-517, 2008.
 88. Hwang CY, Hung KF, Chen KT, **Lo LJ**. Surgical treatment of obstructive sleep apnea syndrome due to mandibular deficiency. *J Plast Surg Asso R.O.C.* 17: 349-357, 2008.
 89. Chen ZC, Chen KT, **Lo LJ**, Nagata S. Satisfactory reconstruction with autologous costal cartilage graft in a geriatric microtia patient. *Plast Reconstr Surg* 123: 1e-6e, 2009.
 90. Kim YH, Cho BC, **Lo LJ**. Facial contouring surgery for Asians. *Semin Plast Surg* 23(1): 22-31, 2009.
 91. Wu CW, **Lo LJ***. Columella lengthening in bilateral cleft lip nasal deformity: comparison of five different methods. *The Journal of Plastic Surgical Association R.O.C.* 18: 209-216, 2009. (*Corresponding author)
 92. Goh RCW, Wang R, Chen PKT, **Lo LJ**, Chen YR. Strategies for achieving long-term effective outcome in cleft missions: the Noordhoff Craniofacial Foundation and Chang Gung Memorial Hospital. *Journal of Craniofacial Surgery* 20: 1657-1660, 2009.
 93. Chen YA, **Lo LJ***. Orthognathic surgery for the correction of facial bone deformity in cleft patients. *The Journal of Plastic Surgical Association R.O.C.* 18: 346-352, 2009. (*Corresponding author)
 94. Chen ZC, Goh RC, Chen PK, **Lo LJ**, Wang SY, Nagata S. A new method for the second-stage auricular projection of the Nagata method: ultra-delicate split-thickness skin graft in continuity with full thickness skin. *Plast Reconstr Surg* 124(5): 1477-85, 2009.
 95. Lee MY, Lin CL, Tsai WD, **Lo LJ**. Biomechanical stability analysis of rigid intraoral fixation for bilateral sagittal split osteotomy. *Journal of Plastic, Reconstructive &*

- Aesthetic Surgery 63(3): 451-5, 2010. (*Supported by NSC 93-2314-B-182A-058*)
96. Goh RCW, Lin CL, **Lo LJ***. Ensuring safer mandibular angle resection surgery by using a calibrated mandibular angle hook. Journal of Plastic, Reconstructive & Aesthetic Surgery 63(4): e411-2, 2010. (*Corresponding author)
 97. Yu CC, Goh RC, **Lo LJ**, Chen PK, Chen YR. Surgical repair of macrostomia: significance of z-plasty limb directions. Annals of Plastic Surgery 64(6): 751-4, 2010.
 98. Mardini S, Salgado CJ, **Lo LJ**, Chen HC. Peri-operative thrombosis prophylaxis in the Chinese versus Caucasian population. Ann Hematol. 89(1): 93-4, 2010.
 99. Choi BK, Goh RCW, Moaveni Z, **Lo LJ***. Patient satisfaction after zygoma and mandible reduction surgery: an outcome assessment. Journal of Plastic, Reconstructive & Aesthetic Surgery 63: 1260-1264, 2010. (*Corresponding author)
 100. Goh RCW, Chang CN, Lin CL, **Lo LJ***. Customized fabricated implants after previous failed cranioplasty. Journal of Plastic, Reconstructive & Aesthetic Surgery 63(9): 1479-1484, 2010. (*Corresponding author) (*Supported by NSC 96-2314-B-182A-077*)
 101. Lin WN, Wang R, Cheong EC, **Lo LJ***. Use of hemisphincter pharyngoplasty in the management of velopharyngeal insufficiency after pharyngeal flap: an outcome study. Annals of Plastic Surgery 65(2): 201-5, 2010. (*Corresponding author)
 102. Choi BK, Goh RCW, Chen PKT, Chuang DCC, **Lo LJ***, Chen YR. Facial nerve palsy after sagittal split osteotomy of the mandible: mechanism and outcome. Journal of Oral and Maxillofacial Surgery 68(7): 1615-21, 2010. (*Corresponding author)
 103. Lin CH, Liao YF, Chen NH, **Lo LJ**, Chen YR. Three-dimensional computed tomography in obstructive sleep apneics treated by maxillomandibular advancement. Laryngoscope 121(6): 1336-47, 2011.
 104. Wu TT, Chen PKT, **Lo LJ**, Cheng MC, Ko EWC. The characteristics and distribution of dental anomalies in patients with cleft. Chang Gung Med J 34: 306-14, 2011.
 105. Tashima H, Wattanawong K, Ho CT, Ko EWC, Nguyen A, **Lo LJ***. Orthognathic surgery considerations for patients with undiagnosed type I osteogenesis imperfecta. Journal of Oral and Maxillofacial Surgery 69: 2233-41, 2011. (*Corresponding author)
 106. Liao YF, Numhom S, **Lo LJ**, Noordhoff, MS. Craniofacial and dental dysmorphology in patients with median facial dysplasia: long term follow-up. International Journal of Oral & Maxillofacial Surgery 40: 672-8, 2011.
 107. Cheong YW, **Lo LJ***. Facial asymmetry: etiology, evaluation, and management. Chang Gung Medical Journal 34: 341-351, 2011. (*Corresponding author) (*Supported by CMRPG381601*)

108. Ching WC, Goh RCW, Lin CL, **Lo LJ***, Chen YR. Aesthetic restoration of fronto-orbital deformity with prefabricated implant utilizing modeling clay and rapid prototyping technology. *Aesthetic Plastic Surgery* 35: 1176-1179, 2011. (*Corresponding author)
109. Ko EWC, Huang CS, **Lo LJ**, Chen YR. Longitudinal observation of mandibular motion pattern in patients with skeletal class III malocclusion subsequent to orthognathic surgery. *J Oral Maxillofac Surg* 70: e158-68, 2012.
110. Shin HK, Hsieh YJ, Liao YF, **Lo LJ***, Jo MS. Bony stability and soft tissue changes after orthognathic surgery on patients with cleft. *Archives of Craniofacial Surgery*, 13: 4-9, 2012. (*Corresponding author)
111. Heuzé Y, Martínez-Abadías N, Stella JM, Senders CW, Boyadjiev SA, **Lo LJ**, Richtsmeier JT. Unilateral and bilateral expression of a quantitative trait: asymmetry and symmetry in coronal craniosynostosis. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution* 318: 109-22, 2012.
112. Lim HS, Ko EWC, **Lo LJ**. Le Fort III distraction osteogenesis: modification of the intraoral splint in the rigid external distraction. *J Craniofac Surg* 23:856-8, 2012.
113. Hsu SSP, Singhal D, Xia JJ, Gateno J, Lin CH, Huang CS, **Lo LJ**, Ko EWC, Chen YR. Planning the surgery-first approach in surgical-orthodontic treatment with a computer aided surgical simulation (CASS) planning protocol. *J Taiwan Assoc Orthod* 24: 24-37, 2012.
114. Ho CT, Huang CS, **Lo LJ***. Improvement of chin profile after mandibular setback and reduction genioplasty for correction of prognathism and long chin. *Aesthetic Plastic Surgery* 36(5): 1198-206, 2012. (*Corresponding author)
115. Chou PY, Chen ZC, Hsu CC, Chen KT, **Lo LJ**, Wang HY. Application of Human Fibrin Sealant in Microtia Reconstruction. *The Journal of Plastic Surgical Association R.O.C.* 21(4): 301-307, 2012.
116. Liao YS, Hsu SP, Lin PJ, Wang CH, Lin HH, Singhal D, Lin CH, Huang CS, **Lo LJ**, Ko WC, Chen YR. Accuracy and Reproducibility of a Manual 3-Dimensional Superimposition Method to Register Dental Model Images to Cone-Beam Computer Tomography (CBCT) Image-A Preliminary Study. *Journal of the Taiwan Association of Orthodontists*. 24(4): 16-23, 2012.
117. Yang YL, Huang CS, Chen YR, **Lo LJ**, Kuang SK. Longitudinal study on neurosenory disturbance caused by bilateral sagittal split osteotomy in mandibular prognathism-questionnaire survey. *Journal of the Taiwan Association of Orthodontists*. 25(2): 83-92, 2013.

118. Choi BK, Yang EJ, Oh KS, **Lo LJ**. Assessment of blood loss and need for transfusion during bimaxillary surgery with or without maxillary setback. *J Oral Maxillofac Surg* 71(2): 358-65, 2013.
119. Choi BK, **Lo LJ**, Oh KS, Yang EJ. The influence of reduction mandibuloplasty history on the incidence of inferior alveolar nerve injury during sagittal split osteotomy. *Plastic and Reconstructive Surgery* 131(2): 231e-7e, 2013.
120. Xu Y, Li JT, Zhao SF, Shi B, Zheng Q, Wang Y, **Lo LJ**. Four-dimensional changes of nasolabial positions in the face of Chinese with unilateral cleft lip and palate. *J Craniofac Surg* 24(2):473-8, 2013.
121. Chang CS, Chen YC, Huang F, Liu S, Chen ZC, **Lo LJ**, Chen KT, Huang CS, Chen YR. Management of Class III Malocclusion in Patient with Osteogenesis Imperfecta. *The Journal of Plastic Surgical Association R.O.C.* 22(3): 252-259, 2013.
122. Chou PY, Luo CC, Chen PKT, Chen YR, Noordhoff MS, **Lo LJ***. Preoperative lip measurement in patients with complete unilateral cleft lip/palate and its comparison with norms. *Journal of Plastic, Reconstructive & Aesthetic Surgery* 66: 513-517, 2013. (*Corresponding author)
123. Ko EWC, Huang CS, **Lo LJ**, Chen YR. Alteration of masticatory electromyographic activity and stability of orthognathic surgery in patients with skeletal class III malocclusion. *J Oral Maxillofac Surg* 71: 1249-1260, 2013.
124. Wu-Chou YH, **Lo LJ**, Chen KTP, Chang CSF, ChenYR. A combined targeted mutation analysis of *IRF6* gene would be useful in the first screening of oral facial clefts. *BMC Medical Genetics*. 2013 Mar 20; 14:37. doi: 10.1186/1471-2350-14-37.
125. Xu Y, Zhao S, Shi J, Wang Y, Shi B, Zheng Q, **Lo LJ**. 3-dimensional computed tomographic analysis of the pharynx in adult patients with unrepaired isolated cleft palate. *J Oral Maxillofac Surg* 71: 1424-1434, 2013.
126. Lin HH, Chiang WC, **Lo LJ**, Hsu SP, Wang CH, Wan SY. Artifact-resistant superimposition of digital dental models and cone-beam computed tomography images. *J Oral Maxillofac Surg* 71(11): 1933-1947, 2013.
127. Lin HH, Chiang WC, **Lo LJ**, Wang CH. A new method for the integration of digital dental models and cone-beam computed tomography images. *Conf Proc IEEE Eng Med Biol Soc*. 2013:2328-2331, 2013. doi: 10.1109/EMBC.2013.6610004.
128. Liao YF, Lee YH, Wang R, Huang CS, Chen PK, **Lo LJ**, Chen YR. Vomer flap for hard palate repair is related to favorable maxillary growth in unilateral cleft lip and palate. *Clin Oral Investig* 18(4): 1269-76, 2014.

129. Kim SG, Lim HS, Chang CN, **Lo LJ***. Jaw deviation and ankylosis caused by condylar osteochondroma: long term treatment outcome. *J Oral Maxillofac Surg* 72(3): 604.e1-14, 2014. (*Corresponding author)
130. Heuze Y, Martinez-Abadias N, Stella JM, Arnaud E, Collect C, Fructuoso GG, Alamar M, **Lo LJ**, Boyadjiev SA, Rocco FD, Richtsmeier JT. Quantification of facial skeletal shape variation in FGFR-related craniosynostosis syndromes. *Birth Defects Research Part A: Clinical and Molecular Teratology* 100(4): 250-9, 2014. doi: 10.1002/bdra.23228.
131. Chiang WC, Lin HH, Huang CS, **Lo LJ**, Wan SY. The cluster assessment of facial attractiveness using fuzzy neural network classifier based on 3D Moire Features. *Pattern Recognition* 47(3): 1249-1260, 2014.
132. David-Paloyo FP, Yang XC, Lin JL, Wong FH, Wu-Chou YH, **Lo LJ***. Lower lip pits: van der Woude or Kabuki syndrome? *Cleft Palate Craniofac J* 51(6): 729-34, 2014. (*Corresponding author)
133. Worasakwutiphong S, Chuang YF, Chang HW, Lin HH, Lin PJ, **Lo LJ***. Nasal changes after orthognathic surgery for patients with class III malocclusion and prognathism: Analysis using three-dimensional photography. *J Formos Med Assoc.* 114(2): 112-23, 2015. doi: 10.1016/j.jfma.2014.10.003. (*Corresponding author) (Impact factor 1.968)
134. Lin HH, Chuang YF, Weng JL, **Lo LJ***. Comparative validity and reproducibility study of various landmark-oriented reference planes in 3-dimensional computed tomographic analysis for patients receiving orthognathic surgery. *PLoS One* 2015 Feb 10; 10(2): e0117604. doi: 10.1371/journal.pone.0117604. eCollection 2015. (*Corresponding author) (Impact factor 3.234)
135. Lin HH, **Lo LJ***. Three-dimensional computer-assisted surgical simulation and intraoperative guidance in orthognathic surgery: a literature review. *J Formos Med Assoc* 114(4): 300-307, 2015. doi: 10.1016/j.jfma.2015.01.017. (*Corresponding author) (Impact factor 1.968)
136. Fayyaz GQ, Gill NA, Ishaq I, Ganatra MA, Mohmood F, Kashif M, Alam I, Chen P, **Lo LJ**, Laub DR. A model humanitarian cleft mission: 312 cleft surgeries in 7 days. *Plast Reconstr Surg Glob Open.* 2015 Apr 7;3(3):e313. doi: 10.1097/GOX.0000000000000282. eCollection 2015 Mar. PMID: 25878924
137. Lin JL, Lee WI, Huang JL, Chen PK, Chan KC, **Lo LJ**, You YJ, Shih YF, Tseng TY, Wu MC. Immunologic assessment and KMT2D mutation detection in Kabuki syndrome. *Clin Genet.* 2015 Sep;88(3):255-60. doi: 10.1111/cge.12484. (Impact factor 3.931)

138. Lin HH, Chang HW, Wang CH, Kim SG, **Lo LJ***. Three-dimensional computer-assisted orthognathic surgery: experience of 37 patients. *Ann Plast Surg* 2015 May;74 Suppl 2:S118-26. doi: 10.1097/SAP.0000000000000455. (*Corresponding author) (Impact factor 1.494)
139. Yang WM, Ho CT, **Lo LJ***. Automatic superimposition of palatal fiducial markers for accurate integration of digital dental model and cone beam computed tomography. *J Oral Maxillofac Surg*. 2015 Aug; 73(8):1616.e1-10. doi: 10.1016/j.joms.2015.04.004. (*Corresponding author) (Impact factor 1.425)
140. Ke CY, Xiao WL, Chen CM, **Lo LJ***, Wong FH*. IRF6 is the mediator of TGF β 3 during regulation of the epithelial mesenchymal transition and palatal fusion. *Scientific Reports* 2015 Aug 4;5:12791. doi: 10.1038/srep12791 (*Corresponding author) (Impact factor 5.578)
141. Hsu PJ, Wang SH, Yun C, **Lo LJ***. Redo double opposing z-plasty is effective for correction of marginal velopharyngeal insufficiency. *J Plast Reconstr Aesthet Surg*. 2015 Sep; 68(9):1215-20. doi: 10.1016/j.bjps.2015.05.014. (*Corresponding author) (Impact factor 1.421)
142. Chang HW, Lin HH, Chortrakarnkij P, Kim SG, **Lo LJ***. Intraoperative navigation for single-splint two-jaw orthognathic surgery: From model to actual surgery. *J Craniomaxillofac Surg*. 2015 Sep; 43(7):1119-26. doi: 10.1016/j.jcms.2015.06.009. (*Corresponding author) (Impact factor 2.933)
143. Lin HH, Chang HW, **Lo LJ***. Development of customized positioning guides using computer aided design and manufacturing technology for orthognathic surgery. *Int J Comput Assist Radiol Surg*. 2015 Dec;10(12):2021-33. doi: 10.1007/s11548-015-1223-0. (*Corresponding author) (Impact factor 1.707)
144. Lonic D, **Lo LJ***. 3D simulation of orthognathic surgery- surgeon's perspective. *J Formos Med Assoc*. 2016, 115: 387-388. doi: 10.1016/j.jfma.2015.09.002. (*Corresponding author) (Impact factor 1.968)
145. Huang SF, **Lo LJ**, Lin CL. Biomechanical optimization of a custom-made positioning and fixing bone plate for Le Fort I osteotomy by finite element analysis. *Comput Biol Med*. 2016 Jan 1; 68:49-56. doi: 10.1016/j.compbimed.2015.10.015. (Impact factor 1.521)
146. Yamaguchi K, Lonic D, **Lo LJ***. Complications following orthognathic surgery for patients with cleft lip/palate: A systematic review. *J Formos Med Assoc* 2016 Apr; 115(4) 269-77. doi: 10.1016/j.jfma.2015.10.009. (*Corresponding author) (Impact factor 1.968)

147. Lonic D, Pai BC, Yamaguchi K, Chortrakarnkij P, Lin HH, **Lo LJ***. Computer-assisted orthognathic surgery for patients with cleft lip/palate: From traditional planning to three-dimensional surgical simulation. *PLoS One*. 2016 Mar 22;11(3):e0152014. doi: 10.1371/journal.pone.0152014. eCollection 2016. (*Corresponding author) (Impact factor 3.234)
148. Yamaguchi K, Lonic D, Lee CH, Yun C, **Lo LJ***. Modified Furlow palatoplasty using small double-opposing Z-plasty: Surgical technique and outcome. *Plast Reconstr Surg* 2016 Jun;137(6):1825-31. doi: 10.1097/PRS.0000000000002181. (*Corresponding author) (Impact factor 3.087)
149. Chang WJ, See LC, **Lo LJ***. Time trend of incidence rates of cleft lip/palate in Taiwan from 1994 to 2013. *Biomed J* 2016; 39: 150-154. doi:10.1016/j.bj.2015.10.003 (*Corresponding author)
150. Lonic D, Morris D, **Lo LJ***. Primary overcorrection of the unilateral cleft nasal deformity: Quantifying the results. *Ann Plast Surg* 2016 Feb;77 Suppl 1:S25-9. doi: 10.1097/SAP.0000000000000708. (*Corresponding author) (Impact factor 1.535)
151. Yamaguchi K, Lonic D, Lee CH, Wang SH, Yun C, **Lo LJ***. A treatment protocol for velopharyngeal insufficiency and the outcome. *Plast Reconstr Surg* 2016 Aug; 138(2): 290e-9e. doi: 10.1097/PRS.0000000000002386. (*Corresponding author) (Impact factor 3.087).
152. Huang SF, **Lo LJ**, Lin CL. Biomechanical interactions of different mini-plate fixations and maxilla advancements in the Le Fort I Osteotomy: a finite element analysis. *Comput Methods Biomech Biomed Engin*. 2016 May 6:1-10. [Epub ahead of print] (Impact factor 1.850)
153. Huang SF, **Lo LJ**, Lin CL. Factorial analysis of variables influencing mechanical characteristics in the Le Fort I Osteotomy using FEA and statistics-based Taguchi method. *Journal of Medical and Biological Engineering*. DOI 10.1007/s40846-016-0157-5. Published online: 06 August 2016. (Impact factor 1.018)
154. Yamaguchi K, Lonic D, Chen C, **Lo LJ***. Correction of facial deformity in Sturge-Weber syndrome. *Plast Reconstr Surg Glob Open* 2016 Aug 15;4(8):e843. doi: 10.1097/GOX.0000000000000843. (*Corresponding author) (Non-SCI)
155. Ho CT, Lin HH, Liou EJW, **Lo LJ***. Three-dimensional surgical simulation improves the planning for correction of facial prognathism and asymmetry: A qualitative and quantitative study. *Scientific Reports* 2017 Jan 10;7:40423. doi: 10.1038/srep40423. (*Corresponding author) (Impact factor 5.228)

156. Wang YT, Yu JH, **Lo LJ**, Hsu PH, Lin CL. Developing customized dental miniscrew surgical template from thermoplastic polymer material using image superimposition, CAD system, and 3D printing. *Biomed Res Int.* 2017;2017:1906197. doi: 10.1155/2017/1906197. PMID: 28280726. Epub 2017 Feb 9. (Impact factor 2.134)
157. Lin HH, Kim SG, Kim HY, Niu LS, **Lo LJ***. Higher dose of dexamethasone does not further reduce facial swelling after orthognathic surgery: A randomized controlled trial using 3-dimensional photogrammetry. *Ann Plast Surg* 2017 Mar;78(3 Suppl 2):S61-S69. doi: 10.1097/SAP.0000000000001008. PMID: 28118231. (*Corresponding author) (Impact factor 1.535)
158. Chortrakarnkij P, Lonic D, Lin HH, **Lo LJ***. Establishment of a reliable horizontal reference plane for 3-dimensional facial soft tissue evaluation before and after orthognathic surgery. *Ann Plast Surg* 2017 Mar;78(3 Suppl 2):S139-S147. doi: 10.1097/SAP.0000000000001020. PMID: 28195892. (*Corresponding author) (Impact factor 1.535)
159. Chortrakarnkij P, Lonic D, Lin HH, Yamaguchi K, Kim SG, **Lo LJ***. A modified technique of mandibular ramus sagittal split osteotomy for prevention of inferior alveolar nerve injury: A prospective cohort study and outcome assessment. *Ann Plast Surg* 2017 Mar;78(3 Suppl 2):S108-S116. doi: 10.1097/SAP.0000000000001015. PMID: 28166135. (*Corresponding author) (Impact factor 1.535)
160. Lin S, Hsiao YC, Huang JJ, Chang CS, Chen PK, Chen JP, **Lo LJ**, Chen YR. Minimal invasive rhinoplasty: fat injection for nasal dorsum contouring. *Ann Plast Surg.* 2017 Mar;78(3 Suppl 2):S117-S123. doi: 10.1097/SAP.0000000000001016. PMID: 28195887. (Impact factor 1.535)
161. Ko EW, Chen PK, **Lo LJ**. Comparison of the adult 3D craniofacial features of patients with unilateral craniofacial microsomia with and without early mandibular distraction. *Int J Oral Maxillofac Surg.* 2017 Mar 27. pii: S0901-5027(17)31346-2. doi: 10.1016/j.ijom.2017.03.002. [Epub ahead of print] (Impact factor 1.563)
162. Lonic D, Sundoro A, Lin HH, Lin PJ, **Lo LJ***. Selection of a horizontal reference plane in 3D evaluation: Identifying facial asymmetry and occlusal cant in orthognathic surgery planning. *Sci Rep.* 2017 May 19;7(1):2157. doi: 10.1038/s41598-017-02250-w. PMID: 28526831. (*Corresponding author) (Impact factor 5.228)
163. Wu TY, Lin HH, **Lo LJ**, Ho CT. Postoperative outcomes of two- and three-dimensional planning in orthognathic surgery: A comparative study. *J Plast Reconstr Aesthet Surg.* 2017 Aug;70(8):1101-1111. doi: 10.1016/j.bjps.2017.04.012. Epub 2017 Apr 23. PMID:

28528114. (Impact factor 1.743)
164. Kuo HN, Mei HI, Liu TK, Liu TY, **Lo LJ**, Lin CL. In vitro laser treatment platform construction with dental implant thread surface on bacterial adhesion for peri-implantitis. *Biomed Res Int*. 2017;2017:4732302. doi:10.1155/2017/4732302. Epub 2017 Jul 16. (Impact factor 2.476)
 165. Yamaguchi K, Lonic D, Ko EWC, **Lo LJ***. An integrated surgical protocol for adult patients with hemifacial microsomia: Methods and outcome. *PLoS One* 2017 Aug 4; 12(8): e0177223. doi: 10.1371/journal.pone.0177223. eCollection 2017. (*Corresponding author) (Impact factor 3.057)
 166. Chin YP, Leno MB, Dumrongwongsiri S, Chung KH, Lin HH, **Lo LJ***. The pterygomaxillary junction: An imaging study for surgical information of LeFort I osteotomy. *Scientific Reports* 2017 Aug 30;7(1):9953. doi: 10.1038/s41598-017-10592-8. (*Corresponding author) (Impact factor 4.259)
 167. Lonic D, Yamaguchi K, Pai BCJ, **Lo LJ***. Reinforcing the mucoperiosteal pocket with Scarpa's fascia graft in secondary alveolar bone grafting: a retrospective controlled outcome study. *Plast Reconstr Surg* 2017 Oct;140(4):568e-578e. doi: 10.1097/PRS.0000000000003696. PMID: 28953729 (*Corresponding author) (Impact factor 3.784).
 168. Chung KH, **Lo LJ***. A new method for reconstruction of vermilion deficiency in cleft lip deformity: The bi-winged myomucosa switch flap. *Plast Reconstr Surg*. 2017 Dec;140(6):1251-1255. doi: 10.1097/PRS.0000000000003889. PMID: 28820844 (*Corresponding author) (Impact factor 3.784)
 169. Long K, Yamaguchi K, Lonic D, Long V, Chhoeurn V, **Lo LJ***. Nasal duplication combined with cleft lip and palate: Surgical correction and long-term follow-up. *Plast Reconstr Surg Glob Open*. 2017 Oct 20;5(10):e1524. doi: 10.1097/GOX.0000000000001524. eCollection 2017 Oct. PMID: 29184738 (*Corresponding author)
 170. Chu YY, Lee CH, Chen KT, Chen YR, Laurence VG, **Lo LJ***. Infection after orthognathic surgery: Clinical presentation, management and outcomes. *The Journal of Taiwan Society of Plastic Surgery* 2017;26:406-417. (*Corresponding author)
 171. Chang SY, Lonic D, Pai BCJ, **Lo LJ***. Primary repair in patients with unilateral complete cleft of lip and primary palate: Assessment of outcomes. *Ann Plast Surg*. 2018 Feb;80 (2S Suppl 1):S2-S6. doi: 10.1097/SAP.0000000000001307. (*Corresponding author) (Impact factor 1.596)

172. Ku YC, **Lo LJ**, Chen MC, Ko WC. Predicting need for orthognathic surgery in early permanent dentition patients with unilateral cleft lip and palate using receiver operating characteristic analysis. *Am J Orthod Dentofacial Orthop*. 2018 Mar;153(3):405-414. doi: 10.1016/j.ajodo.2017.07.022. (Impact factor 1.980)
173. Chung KH, **Lo LJ***. One-stage vs. two-stage repair of asymmetric bilateral cleft lip: A 20-year retrospective study of clinical outcome. *Plast Reconstr Surg* 2018 May;141(5):1215-1224. doi: 10.1097/PRS.0000000000004327. (*Corresponding author) (Impact factor 3.784)
174. Chang CS, Wallace CG, Hsiao YC, Huang JJ, Chen ZC, Chang CJ, **Lo LJ**, Chen PK, Chen JP, Chen YR. Clinical evaluation of silicone gel in the treatment of cleft lip scars. *Sci Rep*. 2018 May 9;8(1):7422. doi: 10.1038/s41598-018-25697-x. (Impact factor 4.259)
175. Lin HH, Huang CS, **Lo LJ**, Wan SY. Automatic assessment of facial attractiveness pre and post orthognathic surgery based on quantitative 3D shape features. *International Journal of Computer Assisted Radiology and Surgery*, 2014 (9), S189-S190, doi: 10.1007/s11548-014-1036-6. (Impact factor 1.827)
176. Wan SY, Tsai PY, Chen YY, **Lo LJ**. Tri-information and classification of perceived craniofacial asymmetry. *International Journal of Computer Assisted Radiology and Surgery*. 2016; 11 (Suppl 1): S138-S139. (Impact factor 1.827)
177. Lin HH, Lonic D, **Lo LJ***. 3D printing in orthognathic surgery- A literature review. *J Formos Med Assoc*. 2018 Jul;117(7):547-558. doi: 10.1016/j.jfma.2018.01.008. (*Corresponding author) (Impact factor 2.452, Medicine general and internal 42/154 27.3%)
178. Ruslin M, Hajrah-Yusuf AS, Tajrin A, **Lo LJ**, Forouzanfar T. Utilization of pedicled buccal fat pads for coverage of the lateral relaxing wound: A review of literature and a case series of 15 patients. *J Clin Exp Dent*. 2018 May 1;10(5):e502-e506. doi: 10.4317/jced.54797. eCollection 2018 May.
179. **Lo LJ**, Weng JL, CT Ho, Lin HH. Three-dimensional region-based study on the relationship of soft and hard tissue changes after orthognathic surgery in patients with prognathism. *PLoS One*. 2018 Aug 1;13(8):e0200589. doi: 10.1371/journal.pone.0200589. eCollection 2018. (Impact factor 2.766, Multidisciplinary sciences 15/64 23.4%)
180. Choi BK, Lee W, **Lo LJ**, Yang EJ. Modified rotational anterior segmental osteotomy for prevention of common complication (aged appearance). *J Craniofac Surg*. 2018 Jul;29(5):e517-e518. doi: 10.1097/SCS.0000000000004548. (Impact factor 0.772, Surgery 177/200 88.5%)

181. Hu CW, Hu CH, Wu-Chou YH, **Lo LJ***. SLC22A5 mutations in a patient with systemic primary carnitine deficiency and cleft palate- Successful perioperative management. J Craniofac Surg 2018;29: 1601-1603. doi: 10.1097/SCS.00000000000004595. (*Corresponding author). (Impact factor 0.772, Surgery 177/200 88.5%)
182. Lim E, Pai BCJ, Daniel G, Jung SY, **Lo LJ***. Reconstruction of major dehiscence after bilateral cleft lip repair. J Craniofac Surg. 2018;29: 2211-2213. (Impact factor 0.772, Surgery 177/200 88.5%) (*Corresponding author)
183. Mao SH, Ajiwe T, Wang R, Wong FH, Chou PY*, **Lo LJ***. The effectiveness of an international cleft mission model in Asia: An update. Ann Plast Surg 2019;82: S23-S28. (Impact factor 1.536, Surgery 117/200 58.5%) (*Corresponding author)
184. Lee SF, Dumrongwongsiri S, **Lo LJ***. Perception of lip cant as a sign of facial abnormality: Assessment by laypersons and professionals. Ann Plast Surg 2019;82: S140-S143 (Impact factor 1.536, Surgery 117/200 58.5%) (*Corresponding author)
185. Chang CS, Lin S, Wallace CG, Hsiao YC, Lin CM, Kang CW, Chen ZC, Chen KT, **Lo LJ**, Chen YR, Chen JP. Masseter muscle volume changes evaluated by 3D computed tomography following repeated botulinum toxin-A injections in patients with square facial morphology. Ann Plast Surg 2019 Jan;82 (1S Suppl 1):S29-S32. doi: 10.1097/ SAP.0000000000001705. (Impact factor 1.536, Surgery 117/200 58.5%)
186. Pai BC, Hung YT, Wang RS, **Lo LJ***. Outcome of patients with complete unilateral cleft lip and palate: 20-years follow-up of a treatment protocol. Plast Reconstr Surg 2019 Feb; 143(2): 359e-367e. doi: 10.1097/PRS.00000000000005216. (Impact factor 3.621, Surgery 25/200 12.5%) (*Corresponding author)
187. Choi BK, Lee W, **Lo LJ**, Yang EJ. Is injury to the inferior alveolar nerve still common during orthognathic surgery? Manual twist technique for sagittal split ramus osteotomy. Br J Oral Maxillofac Surg. 2018 Dec;56(10):946-951. doi: 10.1016/j.bjoms.2018.10.279. (Impact factor 1.260, Surgery 138/200, 69.0%)
188. Wu-Chou YH, Lu YC, Chen KTP, Chang HF, Lin YT, **Lo LJ**. Association studies between regulatory regions of *IRF6/TP63* genes and nonsyndromic oral clefts. Cleft Palate Craniofac J. 2019 Jul;56(6):778-785. doi: 10.1177/1055665618809244. (Impact factor 1.471, Surgery 132/203, 65.0%)
189. Ho CT, Lin HH, **Lo LJ***. Intraoral scanning and setting up the digital final occlusion in 3D planning of orthognathic surgery: Its comparison with the dental model approach. Plast Reconstr Surg. 2019 May; 143(5):1027e-1036e. doi: 10.1097/PRS.00000000000005556. (Impact factor 3.621, Surgery 25/200, 12.5%) (*Corresponding

author)

190. Seo HJ, Denadai R, **Lo LJ***. Long-term nasal growth after primary rhinoplasty for bilateral cleft lip nose deformity: A three-dimensional photogrammetric study with comparative analysis. *J Clin Med*. 2019 May 1;8(5). pii: E602. doi: 10.3390/jcm8050602. (Impact factor **5.583**, Medicine, & General, Internal 15/154, **9.7%**) (*Corresponding author)
191. Chou PY, Denadai R, Chen SH, Jung TH, Hsu CK, Wang SW, Hallac R, Chen CH, Kane AA, **Lo LJ***. Identifying three-dimensional facial fluctuating asymmetry in normal pediatric individuals: A panel assessment outcome study of clinicians and observers. *J Clin Med*. 2019 May 10;8(5). pii: E648. doi: 10.3390/jcm8050648. (Impact factor **5.583**, Medicine, & General, Internal 15/154, **9.7%**) (*Corresponding author)
192. Denadai R, Chou PY, Su YY, Lo CC, Lin HH, Ho CT, **Lo LJ***. 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. *J Clin Med*. 2019 Jun 25;8(6). pii: E909. doi: 10.3390/jcm8060909. (Impact factor **5.688**, Medicine, & General, Internal 15/160, **9.4%**) (*Corresponding author)
193. Yen CI, Zelken JA, Chang CS, **Lo LJ**, Yang JY, Chuang SS, Araniego CA, Hsiao YC. Computer-aided design and three-dimensional printing improves symmetry in heminasal reconstruction outcomes. *J Plast Reconstr Aesthet Surg*. 2019 Jul;72(7):1198-1206. doi: 10.1016/j.bjps.2019.03.012. (Impact factor 2.228, Surgery 76/203 37.4%)
194. Dumrongwongsiri S, Lin HH, Niu LS, **Lo LJ***. Customized 3D printing spacers for bone positioning in orthognathic surgery for correction and prevention of facial asymmetry. *Plast Reconstr Surg*. 2019 Aug;144(2):246e-251e. doi: 10.1097/PRS.0000000000005858. (Impact factor 3.946, Surgery 20/203, **9.9%**) (*Corresponding author)
195. Ke CY, Mei HH, Wong FH*, **Lo LJ***. IRF6 and TAK1 coordinately promote the activation of HIPK2 to stimulate apoptosis during palate fusion. *Sci Signal*. 2019 Aug 6;12(593). pii: eaav7666. doi: 10.1126/scisignal.aav7666. (*Corresponding author) (Impact factor **6.481**, Cell Biology 37/193, 19.2%)
196. Chou PY, Denadai R, Hallac RR, Dumrongwongsiri S, Hsieh WC, Pai BCJ, **Lo LJ***. Comparative volume analysis of alveolar defects by 3D simulation. *J Clin Med*. 2019 Sep 6;8(9). pii: E1401. doi: 10.3390/jcm8091401. (Impact factor **5.688**, Medicine, & General, Internal 15/160, **9.4%**) (*Corresponding author)
197. Wu TY, Denadai R, Lin HH, Ho CT*, **Lo LJ***. The outcome of skeletofacial reconstruction with mandibular rotation for management of asymmetric skeletal class III

- deformity: A three-dimensional computer-assisted investigation. *Scientific Reports* 2019 Sep 16;9(1):13337. doi: 10.1038/s41598-019-49946-9 (Impact factor 4.011, Multidisciplinary Sciences 15/69, 21.7%) (*Corresponding author)
198. Denadai R, **Lo LJ***. In memory of Dr. M. Samuel Noordhoff: Leadership, vision, and contribution in pursuing excellence in plastic surgery and cleft-craniofacial care. *Indian J Plast Surg.* 2019 May;52(2):148-152. doi: 10.1055/s-0039-1697237. Epub 2019 Sep 18. (*Corresponding author)
 199. Chou PY, Denadai R, Chen C, Pai BCJ, Hsu KH, Chang CT, Pascasio D, Lin JA, Chen YR, **Lo LJ***. Comparison of orthognathic surgery outcomes between patients with and without underlying high-risk conditions: A multidisciplinary team-based approach and practical guidelines. *J Clin Med.* 2019 Oct 23;8(11). pii: E1760. doi: 10.3390/jcm8111760. (Impact factor **5.688**, Medicine, & General, Internal 15/160, **9.4%**) (*Corresponding author)
 200. Denadai R, Tu JC, Tsai YR, Tsai YN, Hsieh EY, Pai BC, Chen CH, Kane A, **Lo LJ**, Chou PY. Workflow and strategies for recruitment and retention in longitudinal 3D craniofacial imaging study. *Int J Environ Res Public Health.* 2019 Nov 12;16(22). pii: E4438. doi: 10.3390/ijerph16224438. (Impact factor 2.468)
 201. Ho CT, Denadai R, Lai HC, **Lo LJ**, Lin HH*. Computer-aided planning in orthognathic surgery: A comparative study with establishment of Burstone analysis-derived 3D norms. *J Clin Med.* 2019 Dec 2;8(12). pii: E2106. doi: 10.3390/jcm8122106. (Impact factor **5.688**, Medicine, & General, Internal 15/160, **9.4%**)
 202. Seo HJ, Denadai R, Pai CJ*, **Lo LJ***. Modern surgery-first approach concept in cleft orthognathic surgery: A 3D quantitative outcome study of surgical occlusion setup with comparative analysis. *J Clin Med.* 2019 Dec 2;8(12). pii: E2116. doi: 10.3390/jcm8122116. (Impact factor **5.688**, Medicine, & General, Internal 15/160, **9.4%**) (*Corresponding author)
 203. Seo HJ, Denadai R, Pascasio DCG, **Lo LJ***. Modified double-opposing Z-plasty for patients with Veau I cleft palate: Are lateral relaxing incisions necessary? *Medicine* 2019;98:50(e18392) (Impact factor 2.028, Medicine General and Internal 56/154, 36.4%) (*Corresponding author)
 204. **Lo LJ**. Evolution and current state-of-art of cleft care in Chang Gung craniofacial center: The legacy of Dr. M. Samuel Noordhoff. *Ann Plast Surg* 2020; 84:S5-S10. DOI: 10.1097/SAP.0000000000002184. (Impact factor 1.448, Surgery 134/203, 66.0%)
 205. Jung SY, **Lo LJ***. Dissection in the pyramidal space for effective relief of tension in cleft

- palate repair. *Ann Plast Surg.* 2020 Jan;84: S54–S59. doi: 10.1097/SAP.0000000000002169. (*Corresponding author) (Impact factor 1.448, Surgery 134/203, 66.0%)
206. Chou PY, Denadai R, Yao CF, Chen YA, Chang CS, Lin CH, Liao YF, Liou JW, Ko WC, **Lo LJ**, Huang CS, Chen YR. History and evolution of orthognathic surgery at Chang Gung Craniofacial Center: Lessons learned from 35-year experience. *Ann Plast Surg.* 2020 Jan;84(1S Suppl 1):S60-S68. doi: 10.1097/SAP.0000000000002179. (Impact factor 1.448, Surgery 134/203, 66.0%)
207. **Lo LJ**, Yamaguchi K, Niu LS, Liao CH, Lin HH. Fat grafting in patients with extensive unilateral facial deficiency: 3D computer-assisted planning, implementation and outcome assessment. *Ann Plast Surg.* 2020 Jan;84 (1S Suppl 1):S94-S99. doi: 10.1097/ SAP.0000000000002185. (Impact factor 1.448, Surgery 134/203, 66.0%)
208. Denadai R, Seo HJ, **Lo LJ***. Persistent symptomatic anterior oronasal fistulae in patients with Veau type III and IV clefts: A therapeutic protocol and outcomes. *J Plast Reconstr Aesthet Surg.* 2020 Jan;73(1):126-133. doi: 10.1016/j.bjps.2019.05.033. (*Corresponding author) (Impact factor 2.228, Surgery 76/203 37.4%)
209. Liu BC, Lee IC, **Lo LJ**, Ko EWC. Investigate the oral health impact and quality of life on patients with malocclusion of different treatment needs. *Biomed J* 2019 Dec;42(6):422-429. doi: 10.1016/j.bj.2019.05.009. (Impact factor 2.301, Biochemistry & Molecular Biology 198/298 66.4%)
210. Wang RH, Ho CT, Lin HH, **Lo LJ***. Three-dimensional cephalometry for orthognathic planning: Normative data and analyses. *J Formos Med Assoc.* 2020 Jan;119(1 Pt 2):191-203. doi: 10.1016/j.jfma.2019.04.001. (Impact factor 2.844, Medicine, General & Internal 35/160 21.9%) (*Corresponding author)
211. Lai HC, Denadai R, Ho CT, Lin HH*, **Lo LJ***. Effect of Le Fort I maxillary advancement and clockwise rotation on the anteromedial cheek soft tissue change in patients with skeletal class III pattern and midface deficiency: A 3D imaging-based prediction study. *J Clin Med.* 2020 Jan 18;9(1). pii: E262. doi: 10.3390/jcm9010262. (Impact factor **5.688**, Medicine, & General, Internal 15/160, **9.4%**) (*Corresponding author)
212. Hsu PJ, Denadai R. Pai BCJ, Lin HH*, **Lo LJ***. Outcome of facial contour asymmetry after conventional two-dimensional versus computer-assisted three-dimensional planning in cleft orthognathic surgery. *Scientific Reports* 2020 Feb 11;10(1):2346. doi: 10.1038/s41598-020-58682-4. (Impact factor 4.011, Multidisciplinary Sciences 15/69, 21.7%) (*Corresponding author)

213. Vamvanij N, Chen ZC, **Lo LJ***. Patients with cleft lip and palate associated with intraoral fibrous bands: A report of 3 cases and review of literature. *Cleft Palate Craniofac J*. 2020 Mar;57(3):389-394. doi: 10.1177/1055665619867233. (*Corresponding author) (Impact factor 1.471, Surgery 132/203, 65.0%)
214. Hsu CK, Hallac RR, Denadai R, Wang SW, Kane AA, **Lo LJ**, Chou PY. Quantifying normal head form and craniofacial asymmetry of elementary school students in Taiwan. *J Plast Reconstr Aesthet Surg*. 2019 Dec;72(12):2033-2040. doi: 10.1016/j.bjps.2019.09.005. (Impact factor 2.228, Surgery 76/203 37.4%)
215. Liu CS, Hsiao YC, Huang JJ, Chen JP, Pascasio D, Chang CS, **Lo LJ**, Chen PK, Chen YR, Ku PK. Secondary unilateral cleft rhinoplasty utilizing natural curvature of rib cartilage as alar rim graft: A 3 dimensional evaluation of long term results. *Plast Reconstr Surg*. 2020 Mar;145(3):775-779. doi: 10.1097/PRS.0000000000006586.
216. Denadai R, Chou PY, Seo HJ, Lonic D, Lin HH, Pai BCJ, **Lo LJ***. Patient- and 3D morphometry-based nose outcomes after skeletofacial reconstruction. *Sci Rep*. 2020 Mar 6;10(1):4246. doi: 10.1038/s41598-020-61233-6. (Impact factor 4.011, Multidisciplinary Sciences 15/69, 21.7%) (*Corresponding author)
217. Jung SY, Chung KH, Chang SY, Ohrmman D, Lim E, **Lo LJ***. A new technique for perioral muscle reconstruction and lip lengthening in complete unilateral cleft lip. *J Plast Reconstr Aesthet Surg*. 2020 Apr;73(4):749-757. doi: 10.1016/j.bjps.2019.11.013. (*Corresponding author) (Impact factor 2.228, Surgery 76/203, 37.4%)
218. Su YY, Denadai R, Ho CT, Lai BR, **Lo LJ***. Measuring patient-reported outcomes in orthognathic surgery: Linguistic and psychometric validation of the Mandarin Chinese version of FACE-Q instrument. *Biomed J*. 2020 Feb;43(1):62-73. doi: 10.1016/j.bj.2019.05.011. Epub 2020 Mar 4. (*Corresponding author) (Impact factor 2.301, Biochemistry & Molecular Biology 198/298 66.4%)
219. Denadai R, Chou PY, Su YY, Lin HH, Ho CT, **Lo LJ***. The impact 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. *Plast Reconstr Surg*. 2020 Apr;145(4):1035-1046. doi: 10.1097/PRS.0000000000006650. (Impact factor 3.946, Surgery 20/203, 9.9%) (*Corresponding author)
220. Denadai R, **Lo LJ***. Paradigm shift in skeletofacial reconstruction: Changing traditional cleft care. *Plast Reconstr Surg*. 2020 Apr;145(4):886e-889e. doi:

- 10.1097/PRS.00000000000006692. (*Corresponding author) (Impact factor 3.946, Surgery 20/203, **9.9%**) (*Corresponding author)
221. Seo HJ, Denadai R, Vamanij N, Chinpaisarn C, **Lo LJ***. Primary rhinoplasty does not interfere with the nasal growth: A long-term three-dimensional morphometric outcome study in patients with unilateral cleft. *Plast Reconstr Surg.* 2020 May;145(5):1223-1236. doi: 10.1097/PRS.00000000000006744. (Impact factor 3.946, Surgery 20/203, **9.9%**) (*Corresponding author)
 222. Denadai R, **Lo LJ***. Toward reducing the surgical burden of care: Modern longitudinal life-changing concept in cleft care. *J Formos Med Assoc.* 2020; 119: 1013-1015. doi: 10.1016/j.jfma.2019.10.017. (Impact factor 2.844, Medicine, General & Internal 35/160 21.9%) (*Corresponding author)
 223. Denadai R, Pai BCJ, **Lo LJ***. Balancing the dental occlusion and facial aesthetic features in cleft orthognathic surgery: Patient-centered concept for computer-aided planning. *Biomed J.* 2020;43:143-145. doi: 10.1016/j.bj.2019.12.008. (*Corresponding author) (Impact factor 2.301, Biochemistry & Molecular Biology 198/298 66.4%)
 224. Denadai R, Chou PY, Pai BCJ, Chen C, Lin HH, Lin CCH, Huang CS, Chen YR, **Lo LJ***. Skeletofacial reconstruction of cleft-related deformities: Four decades of evolving cleft care. *Ann Plast Surg* 2020;85:3-11. doi: 10.1097/SAP.00000000000002187. (*Corresponding author) (Impact factor 1.448, Surgery 134/203, 66.0%)
 225. Wu-Chou YH, Chen P, Lu YC, Lin YT, Chang HF, **Lo LJ**. The SNP rs560426 within ABCA4-ARHGAP29 locus and the risk for nonsyndromic oral clefts. *Cleft Palate Craniofac J.* 2020 Jun;57(6):671-677. doi: 10.1177/1055665619899764. (Impact factor 1.471, Surgery 132/203, 65.0%)
 226. Denadai R, **Lo LJ**. Building a virtuous cycle of surgical cleft-craniofacial care by combining surgeon centered outcome and patient reported outcome measures. *J Plast Reconstr Aesthet Surg.* 2020 Jun;73(6):1174-1205. doi: 10.1016/j.bjps.2020.02.023. Epub 2020 Feb 18. (Impact factor 2.228, Surgery 76/203, 37.4%)
 227. Denadai R, **Lo LJ**. Teleconsultation-mediated nasopalveolar molding therapy for babies with cleft lip/palate during the COVID-19 outbreak: Implementing change at pandemic speed. *J Plast Reconstr Aesthet Surg.* 2020 Jul;73(7):1357-1404. doi: 10.1016/j.bjps.2020.05.005. Epub 2020 May 15. (Impact factor 2.390, Surgery 72/210, 34%)
 228. Denadai R, Chou PY, Jung SY, Sato N, Pascasio DC, **Lo LJ***. 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 Craniofac J.* 2020 Aug;57(8):1045-1050. doi: 10.1177/1055665620910046. (*Corresponding author) (Impact factor 1.347, Surgery 149/210, 71%)
229. Seo HJ, Denadai R, Pai BCJ, **Lo LJ***. Digital occlusion setup is quantitatively comparable to the conventional dental model approach: Characteristics and guidelines for orthognathic surgery for patients with unilateral cleft lip/palate. *Ann Plast Surg.* 2020 Aug;85(2):171-179. doi: 10.1097/SAP.0000000000002079. (*Corresponding author) (Impact factor 1.354, Surgery 148/210, 70%)
 230. Denadai R, Chou PY, Bergonzani M, Sato N, Yun C, **Lo LJ***. A comparative study evaluating speech outcomes in classic versus occult submucous cleft palate using a primary Furlow palatoplasty technique. *Plast Reconstr Surg.* 2020 Sep;146(3):589-598. doi: 10.1097/PRS.00000000000007065. (*Corresponding author) (Impact factor 4.209, Surgery 22/210, 10.5%)
 231. Lin HH, Denadai R, Sato N, Hung YT, Pai BCJ, **Lo LJ***. Avoiding inferior alveolar nerve injury during osseous genioplasty: A guide of safe zone by 3-dimensional virtual imaging study. *Plast Reconstr Surg.* 2020 Oct; 146(4):847-858. doi: 10.1097/PRS.00000000000007160. (*Corresponding author) (Impact factor 4.209, Surgery 22/210, 10.5%)
 232. Denadai R, **Lo LJ**. Current state of art in fat grafting: Paradigm shift in surgical techniques and refinements in cleft and craniofacial reconstruction. *Curr Opin Otolaryngol Head Neck Surg.* 2020 Aug;28(4):263-271. doi: 10.1097/MOO.0000000000000630. (Impact factor 1.293, ranking 31/42 Otorhinolaryngology)
 233. Denadai R, Chen YR, **Lo LJ***. Three-dimensional computer-assisted single-splint two-jaw cleft orthognathic surgery: Toward patient-centered surgical rationale. *Cleft Palate Craniofac J.* 2020 Dec;57(12):1428-1433. doi: 10.1177/1055665620949113. (Impact factor 1.347, Surgery 149/210, 71%) (*Corresponding author)
 234. Denadai R, **Lo LJ**. Patient-reported outcome measures as driving elements toward value-based patient-centered care for cleft-craniofacial conditions: A call for multidisciplinary-based action. *J Formos Med Assoc.* 2020;119:1728-1730. doi: 10.1016 /j.jfma. 2020.05.034. (Impact factor 3.008, Medicine, General & Internal 36/165 25.5%)
 235. Denadai R, Pai BCJ, Sato N, Lonic D, Chou PY, **Lo LJ***. Bilateral complete cleft lip repair: A step-by-step video series. *Plast Reconstr Surg.* 2020 Dec;146(6):1352-1356. doi: 10.1097/PRS.00000000000007398. (*Corresponding author) (Impact factor 4.209, Surgery 22/210, 10.5%)

236. Chung KH, Sato N, Chou PY, **Lo LJ***. An intraoperative rescue procedure for the protruding premaxilla in the repair of complete bilateral cleft lip: Rapid premaxillary molding. *Cleft Palate Craniofac J*. 2021 Feb;58(2):251-256. doi: 10.1177/1055665620938480. Epub 2020 Jul 10. (*Corresponding author) (Impact factor 1.347, Surgery 149/210, 71%)
237. Chung KH, **Lo LJ***. A commentary on an intraoperative rescue procedure for the protruding premaxilla in the repair of complete bilateral cleft lip: Rapid premaxillary molding. *Cleft Palate Craniofac J*. 2021 Feb;58(2):258-259. (*Corresponding author) (Impact factor 1.347, Surgery 149/210, 71%)
238. Ho CT, Denadai R, Lin HH*, **Lo LJ***. 3D computer-assisted orthognathic surgery: Traditional hybrid versus full digital planning model. *Ann Plast Surg*. 2021 Feb 1;86 (2S Suppl 1):S70-S77. doi: 10.1097/SAP.0000000000002622. (*Corresponding author) (Impact factor 1.354, Surgery 148/210, 70%)
239. Denadai R, **Lo LJ**. Adapting Donabedian's structure-process-outcome triad for quality improvement activities in surgical cleft-craniofacial care. *J Plast Reconstr Aesthet Surg*. 2021; 74: 235-236. doi: 10.1016/j.bjps.2020.05.073. (Impact factor 2.390, Surgery 72/210, 34%)
240. Lin HH, Chiang WC, Yang CT*, Cheng CT, Zhang TY, **Lo LJ***. On construction of transfer learning for facial symmetry assessment before and after orthognathic surgery. *Comput Methods Programs Biomed*. 2021 Jan 9;200:105928. doi: 10.1016/j.cmpb.2021.105928. (*Corresponding author) (Impact factor 3.632, Engineering Biomedical 22/87, 25.3%)
241. Denadai R, Chou PY, Pascasio DCG, **Lo LJ***. Modified unilateral incomplete cleft lip repair with primary nasal overcorrection: A muscle-driven technique. *Plast Reconstr Surg* 2021 Mar 1;147(3):700-705. doi: 10.1097/PRS.0000000000007688. (*Corresponding author) (Impact factor 4.209, Surgery 22/210, 10.5%)
242. **Lo LJ**, Yang CT, Ho CT, Liao CH, Lin HH. Automatic assessment of 3-dimensional facial soft tissue symmetry before and after orthognathic surgery using a machine learning model: A preliminary experience. *Ann Plast Surg*. 2021 Mar 1;86(3S Suppl 2):S224-S228. doi: 10.1097/SAP.0000000000002687. (Impact factor 1.354, Surgery 148/210, 70%)
243. Lonic D, Hsiao YC, Huang JJ, Chang CS, Chen JP, Denadai R, Bosselmann T, Kehrer A, Prantl L, **Lo LJ**, Chen YR. Diced cartilage rhinoplasty for cleft nose deformities: Determining the flexibility of the cartilage framework. *Ann Plast Surg*. 2021 Mar 1;86(3S

- Suppl 2):S282-S286. doi: 10.1097/SAP.0000000000002688. (Impact factor 1.354, Surgery 148/210, 70%)
244. Chung KH, **Lo LJ***. Strategic management of the minor-form and microform cleft lip: A long-term outcome assessment. *J Plast Reconstr Aesthet Surg.* 2021 Apr;74(4):828-838. doi: 10.1016/j.bjps.2020.10.002. (*Corresponding author) (Impact factor 2.390, Surgery 72/210, 34%)
 245. Denadai R, Yao CF, Chen YA, Lin YY, Huang CS, **Lo LJ**, Chen YR, Chou PY. Effect of Le Fort I maxillary repositioning on 3D nasal tip rotation: A comparative study with implication for the Asian nose. *Plast Reconstr Surg* 2021 April 1; 147(4): 903-914. doi: 10.1097/PRS.00000000000007774. (Impact factor 4.209, Surgery 22/210, 10.5%)
 246. Liu CSW, Hsiao YC, Huang JJ, Chang FC, **Lo LJ**, Chen PK, Chen YR. Reply: Secondary unilateral cleft rhinoplasty using natural curvature of rib cartilage as alar rim graft: A three-dimensional evaluation of long-term results. *Plast Reconstr Surg.* 2021 Apr 1;147(4):705e-707e. doi: 10.1097/PRS.00000000000007739. (Impact factor 4.209, Surgery 22/210, 10.5%)
 247. Chou PY, Denadai R, **Lo LJ**, Chen YR. Simultaneous midface advancement and orthognathic surgery: A powerful technique for managing midface hypoplasia and malocclusion. *Plast Reconstr Surg.* 2021 Jun 1;147(6):1074e-1075e. doi: 10.1097/PRS.00000000000007952. (Impact factor 4.209, Surgery 22/210, 10.5%)
 248. Suppapinyaroj C, Lin CH, **Lo LJ**, Ko EWC. Outcome of surgical-orthodontic treatment in hemifacial microsomia with and without early mandibular distraction osteotomy. *Int J Oral Maxillofac Surg.* 2021 Jun;50(6):763-773. doi: 10.1016/j.ijom.2020.10.007. (Impact factor 2.789, Dentistry, Oral Surgery & Medicine 34/94, 36.2%)
 249. Denadai R, **Lo LJ***. Craniofacial surgeons in different settings facing the COVID-19 pandemic. *J Craniofac Surg.* 2020 Sep;31(6):e642-e643. doi: 10.1097/SCS.00000000000006722. (*Corresponding author) (Impact factor 0.953, Surgery 183/210, 87.1%)
 250. Denadai R, **Lo LJ**. Implementing patient-reported outcome measures in routine cleft-craniofacial practice. *J Craniofac Surg.* 2021 Jan-Feb 01;32(1):366-367. doi: 10.1097/SCS.00000000000007015. (Impact factor 0.953, Surgery 183/210, 87.1%)
 251. Lonic D, Hsiao YC, Huang JJ, Chang CS, Chen JP, Denadai R, Bosselmann T, Kehrer A, Prantl L, **Lo LJ**, Chen YR. Diced cartilage rhinoplasty for cleft nose deformities: Determining the flexibility of the cartilage framework. *Ann Plast Surg.* 2021 Mar 1;86(3S Suppl 2):S282-S286. doi: 10.1097/SAP.0000000000002688. (Impact factor 1.354,

Surgery 148/210, 70%)

252. Denadai R, Chou PY, Lin YY, Yao CF, Chen YA, Huang CS, **Lo LJ**, Chen YR. Type of maxillary segment mobilization affects three-dimensional nasal morphology. *J Plast Reconstr Aesthet Surg*. 2021 Mar;74(3):592-604. doi: 10.1016/j.bjps.2020.08.119. (Impact factor 2.390, Surgery 72/210, 34%)
253. Lin HH, Denadai R, Sato N, Hung YT, Pai BCJ, **Lo LJ***. Reply: Avoiding inferior alveolar nerve injury during osseous genioplasty: A guide for the safe zone by three-dimensional virtual imaging. *Plast Reconstr Surg* 2021 Aug 1;148(2):305e-307e. doi: 10.1097/PRS.00000000000008111. (*Corresponding author) (Impact factor 4.763, Surgery 28/212, 13.2%)
254. **Lo LJ**, Niu LS, Liao CH, Lin HH. A novel CAD/CAM composite occlusal splint for intraoperative verification in single-splint two-jaw orthognathic surgery. *Biomed J*. 2021 Jun;44(3):353-362. doi: 10.1016/j.bj.2020.03.004. (Impact factor 4.910, Medicine, Research & Experimental 52/140, 37.1%)
255. Roth M, Lonic D, Grill FD, Ritschl LM, Loeffelbein DJ, Wolff KD, Niu LS, Pai BCJ, Prantl L, Kehrer A, Heidkruger P, Rau A, **Lo LJ***. NAM, help or burden? Intercultural evaluation of parental stress caused by nasoalveolar molding: A retrospective multi-center study. *Clin Oral Investig*. 2021 Sep;25(9):5421-5430. doi: 10.1007/s00784-021-03850-7. (*Corresponding author) (Impact factor 3.573, Dentistry 21/91, 23.1%)
256. Wan SY, Tsai PY, **Lo LJ***. Quantifying perceived facial asymmetry to enhance physician-patient communications. *Appl. Sci*. 2021, 11, 8398. <https://doi.org/10.3390/app11188398> (*Corresponding author) (Impact factor 2.679)
257. Vamvanij N, Chinpaisarn C, Denadai R, Pai BCJ, Lin HH, **Lo LJ***. Maintaining the space between the mandibular ramus segments during bilateral sagittal split osteotomy does not influence the stability. *J Formos Med Assoc*. 2021 Sep;120(9):1768-1776. doi: 10.1016/j.jfma.2021.03.008. (*Corresponding author) (Impact factor 3.282, Medicine, General & Internal 53/169, 31.4%)
258. Ho CT, Lai HC, Lin HH, **Lo LJ***, Denadai R*. Cheek soft tissue prediction in cleft orthognathic surgery: A 3D computer-assisted investigation with comparative analysis. *J Plast Reconstr Aesthet Surg*. 2021 Oct;74(10):2683-2693. doi: 10.1016/j.bjps.2021.03.030. (*Corresponding author) (Impact factor 2.740, Surgery 90/212, 42.5%)
259. Denadai R, **Lo LJ**. Valuing patient-reported outcome measures as an intrinsically important aspect of quality improvement agenda in surgical cleft-craniofacial care. *J*

- Craniofac Surg. 2021 Oct 1;32(7):2568-2569. doi: 10.1097/SCS.00000000000007923. (Impact factor 1.046, Surgery 188/212, 88.7%)
260. Chen PR, Lin YC, Pai BCJ, Tseng HJ, **Lo LJ**, Chou PY. Progressive comparison of density assessment of alveolar bone graft in patients with unilateral and bilateral cleft. J. Clin. Med. 2021 Nov 1;10(21):5143. doi: 10.3390/jcm10215143. (Impact factor 4.241, Medicine, General & Internal 39/169, 23.1%)
 261. Khoo LS, Hsiao YC, Huang JJ, Chang FC, Wang YC, Liao YF, Chen ZC, **Lo LJ**, Chen JP, Chen YR. Simultaneous orthognathic surgery with Asian double eyelid suture blepharoplasty. J Craniofac Surg. 2021 Nov-Dec 01;32(8):2592-2596. doi: 10.1097/SCS.00000000000007704. (Impact factor 1.046, Surgery 188/212, 88.7%)
 262. Denadai R, Wallace CG, Chou PY, **Lo LJ**, Chen YR, Chang CS. Refining orthognathic surgery results by synchronous cheek fat compartment augmentation with fat grafting in adult females with class III skeletal profiles. Plast Reconstr Surg 2021 Dec 1;148(6):1350-1356. doi: 10.1097/PRS.00000000000008581. (Impact factor 4.763, Surgery 28/212, 13.2%)
 263. Ho CT, Lai HC, Lin HH, Denadai R, **Lo LJ**. Outcome of full digital workflow for orthognathic surgery planning in the treatment of asymmetric skeletal class III deformity. J Formos Med Assoc. 2021 Dec;120(12):2100-2112. doi: 10.1016/j.jfma.2021.05.014. (Impact factor 3.282, Medicine, General & Internal 53/169, 31.4%)
 264. Denadai R, **Lo LJ**. Split buccal fat flap in modified Furlow palatoplasty: Surgical technique and early results. Plast Reconstr Surg. 2022 Jan 1;149(1):197-201. doi: 10.1097/PRS.00000000000008648. (Impact factor 4.763, Surgery 28/212, 13.2%)
 265. Denadai R, **Lo LJ***. Reply: Modified unilateral incomplete cleft lip repair with primary nasal overcorrection: A muscle-driven technique. Plast Reconstr Surg. 2022 Feb 1;149(2):342e-343e. doi: 10.1097/PRS.00000000000008755. (*Corresponding author) (Impact factor 4.763, Surgery 28/212, 13.2%)
 266. Chung KH, deLeeuw KA, Lin HH, **Lo LJ***. Aesthetic enhancement of the vermilion using dermofat graft in patients with cleft lip deformity. Cleft Palate Craniofac J. 2022 Feb;59(2):222-229. doi: 10.1177/10556656211001727. (*Corresponding author) (Impact factor 1.433, Surgery 172/212, 81%)
 267. Chou PY, Lee D, Chen SH, Liao CT, **Lo LJ**, Liu SJ. 3D-printed/electrospun bioresorbable nanofibrous drug-eluting cuboid frames for repair of alveolar bone defects. Int J Pharm. 2022 Mar 5;615:121497. doi: 10.1016/j.ijpharm.2022.121497. (Impact factor 5.875, Pharmacology & Pharmacy 37/275, 13.5%)

268. **Lo LJ**. Evolution of craniofacial surgery (Editorial). *Arch Craniofac Surg* 2022 Feb;23(1):1-3. doi: 10.7181/acfs.2022.00094. (Impact score 0.70)
269. Hsu CK, Denadai R, Chang CS, Yao CF, Chen YA, Chou PY, **Lo LJ**, Chen YR. The number of surgical interventions and specialists involved in the management of patients with neurofibromatosis type I: A 25-year analysis. *J Pers Med*. 2022 Apr 1;12(4):558. doi: 10.3390/jpm12040558. (Impact factor 4.945, Medicine, General & Internal 31/169, 18.3%)
270. Lin HH, Zhang T, Wang YC, Yang CT*, **Lo LJ***, Liao CH, Kuang SK. A system for quantifying facial symmetry from 3D contour maps based on transfer learning and fast R-CNN. *The Journal Supercomputing*. <https://doi.org/10.1007/s11227-022-04502-7> (Impact factor 2.474) (*Corresponding author)
271. Ruslin M, Yusuf ASH, Forouzanfar T, Greebe RB, Tuinzing DB, Thamrin SA, Boffano P, **Lo LJ***. One-year stability of the mandibular advancement and counterclockwise rotation for correction of the skeletal class II malocclusion and high mandibular plane angle: Dental and skeletal aspect. *Biomed J*. 2022;45:206-214. doi: 10.1016/j.bj.2021.02.005. (*Corresponding author) (Impact factor 7.892, Medicine, Research & Experimental 28/139, 20.1%)
272. Hsiao J, Lin HH*, **Lo LJ***. Soft tissue response of lateral bony movement in genioplasty: A 3D landmark-based imaging analysis. *J Plast Reconstr Aesthet Surg*. 2022 Apr;75(4):1497-1520. doi: 10.1016/j.bjps.2022.01.044. (*Corresponding author) (Impact factor 2.740, Surgery 90/212, 42.5%)
273. Tsai YH, Pai BCJ, Lin HH*, Ho CT, **Lo LJ***. One-jaw versus two-jaw orthognathic surgery for patients with cleft: A comparative study using 3D imaging virtual surgical planning. *Appl. Sci*. 2022, 12(9), 4461; <https://doi.org/10.3390/app12094461> - 28 Apr 2022. (Impact factor 2.679) (*Corresponding author)
274. Murali SP, Denadai R, Chou PY, Chang CS*, **Lo LJ***. Secondary alveolar bone grafting in patients with cleft lip and palate: A step-by-step video series. *Plast Reconstr Surg*. 2022 Jun 1;149(6):1176e-1180e. doi: 10.1097/PRS.00000000000009168. (*Corresponding author) (Impact factor 5.169, Surgery 27/211, 12.8%)
275. Natsir-Kalla DS, Ruslin M, Alkaabi SA, Yusuf AS, Tajrin A, Forouzanfar T, Siswanto, Kuswanto H, Boffano P, **Lo LJ**. Influence of patient-related factors on intraoperative blood loss during double opposing Z-plasty Furlow palatoplasty and buccal fat pad coverage: A prospective study. *J Clin Exp Dent*. 2022 Aug 1;14(8):e608-e614. doi: 10.4317/jced.59407. eCollection 2022 Aug.

276. Lo AL, Hallac RR, Chen SH, Hsu KH, Wang SW, Chen CH, Lien RY, **Lo LJ**, Chou PY. Craniofacial Growth and Asymmetry in Newborns: A Longitudinal 3D Assessment. *International Journal of Environmental Research and Public Health*. (Accepted 20220812) (IF: 4.614)
277. Lonic D, Hsiao YC, Huang JJ, Chang CS, Chen JP, Heidekrueger PI, Kehrer A, Prantl L, **Lo LJ**, Chen YR. Simultaneous Fat Injection for Nasal Contouring in Orthognathic Patients. *Cleft Palate Craniofac J*. 2021 Aug 20;10556656211026476. doi: 10.1177/10556656211026476. Online ahead of print.
278. Denadai R, Chou PY, **Lo LJ**. Reinforcing the modified double-opposing Z-plasty approach using the pedicled buccal fat flap as an interpositional layer for cleft palate repair. *Cleft Palate Craniofac J*. 2021 Dec 3;10556656211064769. doi: 10.1177/10556656211064769. Online ahead of print.
279. Fell M, Goldwasser M, Jayanth BS, Pereira RMR, Nawej CT, Winer R, Daftari N, Brewster H, Goldschmied K, Almas CF, Eshete M, Galiwango GW, Hollier LH Jr, Hussain A, **Lo LJ**, Salins P, Sell D, Tafase A, Zuker RM. Adapting elements of cleft care protocols in low- and middle-income countries during and after COVID-19: A process-driven review with recommendations. *Cleft Palate Craniofac J*. 2022 Jan 4;10556656211069827. doi: 10.1177/10556656211069827. Online ahead of print.
280. Lai BR, Lo CC, **Lo LJ***. The effect of arch cartilage graft and Tajima reverse U approach in the secondary reconstruction of unilateral cleft lip nasal deformity. *J Craniofac Surg*. 2022 Mar 10. doi: 10.1097/SCS.00000000000008628. Online ahead of print. (*Corresponding author)
281. Lo CC, Denadai R, Lin HH, Pai BCJ, Chu YY, **Lo LJ**, Chou PY. Favorable transverse maxillary development after covering the lateral raw surfaces with buccal fat flaps in modified Furlow palatoplasty: A 3D imaging-assisted long-term comparative outcome study. *Plast Reconstr Surg*. 2022 Jun 13. doi: 10.1097/PRS.00000000000009353. Online ahead of print. (Accepted 20210325)
282. Chuang KT, Murali SP, **Lo LJ***. Congenital Infiltrating Lipomatosis of the Face: Case report with presentation of a multistep surgical approach and 20-years follow up. *PRS ROC* (Accepted 20210418) (*Corresponding author)
283. Murali SP, Denadai R, Sato N, Lin HH, Hsiao J, Pai BCJ, Chou PY, **Lo LJ***. Long-term outcome of primary rhinoplasty with overcorrection in patients with unilateral cleft lip nose deformity: Avoiding intermediate rhinoplasty. *Plast Reconstr Surg* (Accepted 20210420, PRS-D-20-03772_R2 20211217) (*Corresponding author)

284. Liao KH, **Lo LJ***. Cloverleaf skull deformity: A case with long-term treatment and follow-up. (Submitted to PRS-ROC 20210224, revision submitted 20210428, accepted) (*Corresponding author)
285. Denadai R, Tangco I, Valentine M, Wallace CG, Hsiao YC, Huang JJ, **Lo LJ**, Chen JP, Chen YR. Enhancing philtrum morphology using fat grafting combined with percutaneous Rigotomy in repaired unilateral cleft lip: Three-dimensional morphometric- and panel assessment-based outcome study. *Plast Reconstr Surg* (Accepted 20220204)
286. Denadai R, **Lo LJ**. Buccal fat pad interposition in modified small double-opposing Z-plasty palatoplasty using medial incision approach: A technical note. *J Plast Reconstr Aesthet Surg*. 2022 Aug 24:S1748-6815(22)00463-6. doi: 10.1016/j.bjps.2022.08.018. Online ahead of print.
287. Sato N, Denadai R, Chou PY, Pai BCJ, Lin HH, **Lo LJ***. Single-splint two-jaw orthognathic surgery for correction of facial asymmetry: Three-dimensional planning and surgical execution (Submitted to APS WAPSCD 20200101, rejected 20200201. Submitted to JCMFS 20210106, revision 20210201 submitted 20210217, revision 20210510, revision submitted 20210530, rejected 20210828) (*Corresponding author)
288. Denadai R, Buzzo CL, **Lo LJ**. Combining minimally invasive iliac bone harvesting with Scarpa fascia-based reinforcement of the mucoperiosteal pocket in modified secondary alveolar bone grafting technique. (Submitted to *J Craniofac Surg*, 20210106)
289. Lonic D, Lo CC, **Lo LJ***. Septal extension graft in the secondary rhinoplasty for patients with cleft. (In preparation 20210424) (*Corresponding author)
290. Choi BK, Jeon HB, **Lo LJ**, Yun IS. Redo orthognathic surgery: Underlying causes, strategy, and outcome. (Submitted to *JPRAS* 20210816. Submitted to *JCMFS* 20220429.)
291. Hattori Y, **Lo LJ***. Facial palsy after orthognathic surgery: A systematic review. (Submitted to *PRS* 20220527, rejected 20220615. Submitted to *IJOMS* 20220619) (*Corresponding author)
292. Hattori Y, Huang PC, Chang CS, Chen YR, **Lo LJ***. Facial palsy after orthognathic surgery: Incidence, causative mechanism, management, and outcome. (Submitted to *PRS* 20220706, revision 20220831) (*Corresponding author)