

Yu-Fang LIAO (廖郁芳)

Educational Background

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| 1992 | D.D.S. in School of Dentistry, Kaohsiung Medical University, Kaohsiung, Taiwan |
| 2005 | Ph.D. in University College London, University of London, London, United Kingdom |

Research Interests

1. Craniofacial growth and development related to abnormal development, growth, and function
2. Assessment of treatment outcome
3. Craniofacial and dental imaging
4. Diagnosis and management of cleft lip / palate and craniofacial anomalies
5. Diagnosis and management of sleep-disordered breathing
6. Diagnosis and management of dentofacial deformity
7. Orthognathic surgery

Working Experience

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| 2015- | Professor, College of Medicine, Chang Gung University, Taoyuan, Taiwan |
| 2015- | Director, Graduate Institute of Dental and Craniofacial Science, Chang Gung University, Taoyuan, Taiwan |
| 1997- | Attending, Department of Craniofacial Orthodontics, Faculty of Dentistry, the Craniofacial Center, and the Sleep Center, Chang Gung Memorial Hospital, Taipei & Taoyuan, Taiwan |
| 2010-2016 | Chief, Department of Craniofacial Orthodontics, Faculty of Dentistry, Chang Gung Memorial Hospital, Taoyuan, Taiwan |
| 2011-2015 | Associate Professor, College of Medicine, Chang Gung University, Taoyuan, Taiwan |
| 2007-2011 | Assistant Professor, College of Medicine, Chang Gung University, Taoyuan, Taiwan |
| 2002-2005 | Research Fellow, Maxillofacial and Dental Department, Great Ormond Street Hospital, London, UK |
| 2004 | Visiting Scholar, 3D Craniofacial Image Research Laboratory, School of Dentistry, University of Copenhagen, Copenhagen, Denmark |
| 2000 | Visiting Scholar, Stanford Hospitals and Clinics Sleep Medicine Center, Stanford University, Redwood City, USA |
| 1994-1997 | Senior Resident in the Department of Craniofacial Orthodontics, |

1992-1994 Faculty of Dentistry, and the Craniofacial Center, Chang Gung Memorial Hospital, Taipei, Taiwan
Junior Resident in the Faculty of Dentistry, Chang Gung Memorial Hospital, Taipei, Taiwan

Professional Affiliations

Taiwan Association of Orthodontists
World Federation of Orthodontists
Taiwan Society of Sleep Medicine
American Cleft Palate-Craniofacial Association
Taiwan Cleft Palate-Craniofacial Association

Professional Activities

Editorial Board

Biomedical Journal, 2016-

Grant Reviewer

Taiwan Association of Orthodontists, Taiwan, 2010
Ministry of Science and Technology, Taiwan, 2012, 2014-2020
Chang Gung Memorial Hospital, Taiwan, 2012-2019
Professor Kun-Chee Chen Award for the Best Thesis in Orthodontics, 2018

Manuscript Reviewer

Biomedical Journal, 2011-2020
Journal of Applied Oral Science, 2011
Journal of World Federation of Orthodontists, 2012
Angle Orthodontist, 2012-2015
International Journal of Dentistry, 2012
Journal of the Formosan Medical Association, 2012, 2016-2020
European Journal of Orthodontics, 2012-2018
Acta Odontologica Scandinavica, 2017
Journal of Taiwan Association of Orthodontists, 2017-2020
British Journal of Oral and Maxillofacial Surgery, 2018-2019
Korean Journal of Orthodontics, 2020

Invited Speaker

1. Liao YF. Effect of Furlow palatoplasty and pharyngeal flap surgery on upper airway obstruction during sleep in cleft palate children. 1st International Workshop on Surgical Technique in Cleft Lip and Palate with Live Surgical Demonstrations, Linkou, Taiwan, 2000.
2. Liao YF. Cleft primary surgery and facial growth in unilateral cleft lip and palate. University of Copenhagen, Copenhagen, Denmark, 2003.
3. Liao YF. Debates in treatment of adult patients with obstructive sleep apnea: CPAP versus upper airway soft tissue surgery versus oral appliance. 4th Annual Meeting of Taiwan Society of Sleep Medicine, Taipei, Taiwan, 2006.
4. Liao YF. Cleft surgery and maxillary growth in unilateral cleft lip and palate. 4th International Workshop on Surgical Techniques in Cleft Lip and Palate and Maxillofacial Surgery, Taoyuan, Taiwan, 2006.
5. Liao YF. Oral appliances for obstructive sleep apnea in children with malocclusion. 5th Annual Meeting of Taiwan Society of Sleep Medicine, Linkou, Taiwan, 2007.
6. Liao YF. The role of the orthodontist within a cleft palate team. Shantou University Medical College, Shantou, China, 2007.
7. Liao YF. Surgical-orthodontic correction in skeletal Class III malocclusion: Management of vertical dimension. The International Workshop on Surgical-Orthodontic Approach to Dentofacial Deformity, Taipei, Taiwan, 2007.
8. Liao YF. Post-traumatic maxillofacial deformity: Orthodontic treatment. 5th Annual Meeting of Taiwan Cleft Palate-Craniofacial Association, Taipei, Taiwan, 2007.
9. Liao YF. The orthodontist and cleft lip and palate. Shanghai Ninth People's Hospital, Affiliated Shanghai Jiao Tong University, School of Medicine, Shanghai, China, 2008.
10. Liao YF. Orthodontic treatment of dentofacial deformity after mandible fracture. AO Cranio-Maxillofacial Seminar: Advances in maxillary and mandibular reconstruction including temporo-mandibular joint, Taoyuan, Taiwan, 2008.
11. Liao YF. Facial growth related to cleft lip and palate. 5th International Workshop on Surgical Techniques in Cleft Lip and Palate and Maxillofacial Surgery, Taoyuan, Taiwan, 2008.
12. Liao YF. Dental treatment of obstructive sleep apnea. Seminar in Obstructive Sleep Apnea. Taiwan Cardiac & Thoracic Nursing Association, Taoyuan, Taiwan, 2008.

13. Liao YF. Dental treatment for obstructive sleep apnea. 31st Annual Meeting of Association for Dental Science, Taipei, Taiwan, 2008.
14. Liao YF, Yu CC. Combined surgical-orthodontic treatment for obstructive sleep apnea: Towards a better outcome in Asians. 9th World Congress on Sleep Apnea, Seoul, Korea, 2009.
15. Liao YF, Lin CH. Surgical-orthodontic management of pediatric obstructive sleep apnea: Craniofacial distraction osteogenesis. 9th World Congress on Sleep Apnea, Seoul, Korea, 2009.
16. Liao YF. Class III dentofacial deformity: orthodontic rationale and principles. 2nd International Workshop on Surgical-Orthodontic Approach to Dentofacial Deformity, Taoyuan, Taiwan, 2009.
17. Liao YF. Skeletal surgery for obstructive sleep apnea: orthodontic rationale and principles. 2nd International Workshop on Surgical-Orthodontic Approach to Dentofacial Deformity, Taoyuan, Taiwan, 2009.
18. Liao YF. Facial growth and development related to cleft lip and palate treatment. 6th International Workshop on Surgical Techniques in Cleft Lip and Palate and Maxillofacial Surgery, Taoyuan, Taiwan, 2010.
19. Liao YF. Cephalometric tracing and analysis. Pre-conference workshop on planning and execution of cleft orthognathic surgery. 10th Annual Meeting of Indian Cleft Lip, Palate and Craniofacial Association, Chennai, India, 2011.
20. Liao YF. Facial growth and development related to cleft lip and palate. 10th Annual Meeting of Indian Cleft Lip, Palate and Craniofacial Association, Chennai, India, 2011.
21. Liao YF. Dental treatment for adult obstructive sleep apnea. 10th Annual Meeting of Indian Cleft Lip, Palate and Craniofacial Association, Chennai, India, 2011.
22. Liao YF. Presurgical nasoalveolar molding. 5th International Symposium on Management of Cleft Lip and Palate, Lahore, Pakistan, 2011.
23. Liao YF. Orthodontic treatment for cleft lip and palate. 5th International Symposium on Management of Cleft Lip and Palate, Lahore, Pakistan, 2011.
24. Liao YF. Long-term results of facial growth after cleft lip and palate repair. 5th International Symposium on Management of Cleft Lip and Palate, Lahore, Pakistan, 2011.
25. Liao YF. Interdisciplinary management of cleft lip and palate in Taiwan. 5th International Symposium on Management of Cleft Lip and Palate, Lahore, Pakistan, 2011.
26. Liao YF. Cephalometry in obstructive sleep apnea. An International Symposium on Surgery, Sleep & Breathing IV, Taipei, Taiwan, 2011.

27. Liao YF. Dental treatment for adult obstructive sleep apnea. Seminar in Obstructive Sleep Apnea and CPAP. New Taipei City Respiratory Therapist Association, New Taipei, Taiwan, 2011.
28. Liao YF. Dental treatment for obstructive sleep apnea. Craniofacial Center, Chang Gung Memorial Hospital, Kaohsiung, Taiwan, 2011.
29. Liao YF. Conventional versus surgery-first orthognathics. 1st Chang Gung - Mayo Clinic Symposium in Reconstructive Surgery. Taipei, Taiwan, 2011.
30. Liao YF. Long-term growth outcome of unilateral cleft lip and palate at Chang Gung. 1st Chang Gung - Mayo Clinic Symposium in Reconstructive Surgery. Taipei, Taiwan, 2011.
31. Liao YF. Class III dentofacial deformity: orthodontic rationales and principles. 3rd International Workshop on Surgical-Orthodontic Approach to Dentofacial Deformity, Taoyuan, Taiwan, 2011.
32. Liao YF. Adult obstructive sleep apnea: orthodontic rationales and principles. 3rd International Workshop on Surgical-Orthodontic Approach to Dentofacial Deformity, Taoyuan, Taiwan, 2011.
33. Liao YF. Cephalometric tracing and paper surgery. 3rd International Workshop on Surgical-Orthodontic Approach to Dentofacial Deformity, Taoyuan, Taiwan, 2011.
34. Liao YF. Comparative outcomes of two nasoalveolar molding techniques on unilateral cleft nose deformity. 2nd Inaugural Chang Gung Craniofacial Research Conference, Taiwan, 2012.
35. Liao YF. Facial growth related to cleft lip and palate. 7th International Workshop on Surgical Techniques in Cleft Lip and Palate and Maxillofacial Surgery, Taoyuan, Taiwan, 2012.
36. Liao YF. Craniofacial orthodontist and adult obstructive sleep apnea. Chang Gung Memorial Hospital, Taoyuan, Taiwan, 2012.
37. Liao YF. Obstructive sleep apnea you must know! New Taipei City Dental Association, New Taipei, Taiwan, 2013.
38. Liao YF. Comparative outcomes of two nasoalveolar molding techniques on bilateral cleft nose deformity. 3rd Inaugural Chang Gung Craniofacial Research Conference, Taiwan, 2013.
39. Liao YF. Class III dentofacial deformity: orthodontic rationales and principles. 4th International Workshop on Surgery-First Surgical-Orthodontic Approach to Dentofacial Deformity, Taoyuan, Taiwan, 2013.
40. Liao YF. Adult obstructive sleep apnea: orthodontic rationales and principles. 4th International Workshop on Surgery-First Surgical-Orthodontic Approach to Dentofacial Deformity, Taoyuan, Taiwan, 2013.

41. Liao YF. Orthodontic consideration in treating skeletal Class III deformity. Educational Meeting of Taiwan Association of Orthodontists, Taipei, Taiwan, 2013.
42. Liao YF. Face change. Chang Gung Memorial Hospital, Taoyuan, Taiwan, 2013.
43. Liao YF. Towards an interdisciplinary approach in treating adult obstructive sleep apnea. 25th Annual Meeting of Taiwan Association of Orthodontists, Kaohsiung, Taiwan, 2013.
44. Liao YF. Interdisciplinary approach in treating adult obstructive sleep apnea. Sleep Center, Chang Gung Memorial Hospital, Kaohsiung, Taiwan, 2014.
45. Liao YF. Treatment planning for surgery-first orthognathics. Advanced OGS Course: Surgery-First and One-Stent OGS, Taoyuan, Taiwan, 2014.
46. Liao YF. Long-term growth outcome in unilateral cleft lip and palate at Chang Gung. Smileangel Children's Hospital, Beijing, China, 2014.
47. Liao YF. Surgery first approach in orthognathic surgery with computer assisted simulation. AOCMF Seminar: Advances in Navigation Computer Assisted Surgery, Taoyuan, Taiwan, 2014.
48. Liao YF. Interdisciplinary approach in treating adult obstructive sleep apnea: role of an orthodontist. Chang Gung Memorial Hospital, Chiayi, Taiwan, 2014.
49. Liao YF. Comparative outcomes and care burdens of two nasoalveolar molding techniques on cleft nose deformity. 8th International Workshop on Surgical Techniques in Cleft Lip and Palate and Maxillofacial Surgery, Taoyuan, Taiwan, 2014.
50. Liao YF. Facial growth related to cleft lip and palate. 8th International Workshop on Surgical Techniques in Cleft Lip and Palate and Maxillofacial Surgery, Taoyuan, Taiwan, 2014.
51. Liao YF. Orthodontics for surgery-first orthognathic surgery. Dr. Su's Teamwork Orthodontic Center, Taipei, Taiwan, 2015.
52. Liao YF. Comparative outcomes and care burdens of two nasoalveolar molding techniques on cleft nose deformity. 10th China Symposium on Cleft Lip and Palate, Urumqi, China, 2015.
53. Liao YF. Orthodontic consideration of facial asymmetry. 5th International Workshop on Surgery-First Orthognathic Surgery, Taoyuan, Taiwan, 2015.
54. Liao YF. Presurgical nasoalveolar molding. Advances in Treatment of Cleft Lip and Palate, Xiamen, China, 2015.
55. Liao YF. Facial growth and development related to cleft lip and palate. Advances in Treatment of Cleft Lip and Palate, Xiamen, China, 2015.
56. Liao YF. Orthodontic treatment for cleft lip and palate. Advances in Treatment

- of Cleft Lip and Palate, Xiamen, China, 2015.
57. Liao YF. Treatment planning for surgery-first orthognathic surgery. Advanced OGS Course: Surgery-First and One-Stent OGS, Taoyuan, Taiwan, 2016.
 58. Liao YF. Win-win surgery-first orthognathic surgery. Chang Gung Memorial Hospital, Taoyuan, Taiwan, 2016.
 59. Liao YF. Facial growth in repaired cleft lip and palate: long-term results. 9th International Workshop on Surgical Techniques in Cleft Lip and Palate and Maxillofacial Surgery, Taoyuan, Taiwan, 2016.
 60. Liao YF. Orthodontic consideration in cleft orthognathics. 9th International Workshop on Surgical Techniques in Cleft Lip and Palate and Maxillofacial Surgery, Taoyuan, Taiwan, 2016.
 61. Liao YF. Oral appliances for adult obstructive sleep apnea: an update. Seminars in Sleep Disordered Breathing, Chang Gung Memorial Hospital, Kaohsiung, Taiwan, 2016.
 62. Liao YF. Presurgical nasoalveolar molding. Advances in Treatment of Cleft Lip and Palate, Xiamen, China, 2016.
 63. Liao YF. Facial growth and development related to operated cleft lip and palate. Advances in Treatment of Cleft Lip and Palate, Xiamen, China, 2016.
 64. Liao YF. Orthodontic treatment for cleft lip and palate. Advances in Treatment of Cleft Lip and Palate, Xiamen, China, 2016.
 65. Liao YF. Oral appliances for adult obstructive sleep apnea. 4th ASEAN Sleep Congress, Manila, Philippine, 2017.
 66. Liao YF. Computer-aided design for orthognathic correction of facial asymmetry. 8th Annual Meeting of Taiwan Cleft Palate-Craniofacial Association, Taipei, Taiwan, 2017.
 67. Liao YF. Oral appliances for adult obstructive sleep apnea. Sleep Center, Chang Gung Memorial Hospital, Taoyuan, Taiwan, 2017.
 68. Liao YF. Orthodontic consideration of surgical-orthodontic treatment for facial asymmetry. The Joint Symposium on The 6th International Workshop on Surgery-First Orthognathic Surgery & The 8th William H. Bell Lectureship, Taipei, Taiwan, 2017.
 69. Liao YF. Orthodontic consideration of bimaxillary advancement for obstructive sleep apnea. The Joint Symposium on The 6th International Workshop on Surgery-First Orthognathic Surgery & The 8th William H. Bell Lectureship, Taipei, Taiwan, 2017.
 70. Liao YF. Long-term results of surgery-first approach in correction of Class III asymmetry. The Joint Symposium on The 6th International Workshop on Surgery-First Orthognathic Surgery & The 8th William H. Bell Lectureship, Taipei,

Taiwan, 2017.

71. Liao YF. Orthodontic consideration of surgical-orthodontic treatment for facial asymmetry. Dr. Su's Teamwork Orthodontic Center, Taipei, Taiwan, 2017.
72. Liao YF. Treatment planning for surgery-first orthognathic surgery. Advanced OGS Course: Surgery-First and One-Stent OGS, Taoyuan, Taiwan, 2018.
73. Liao YF. Personalizing surgical-orthodontic treatment for skeletal Class III deformity. 11th Annual Meeting of Taiwan Orthodontic Society, Taipei, Taiwan, 2018.
74. Liao YF. Oral appliances for adult obstructive sleep apnea: an update. Comprehensive Treatment of Sleep Disordered Breathing Symposium: Precision Medicine, Precision Surgery, Tainan, Taiwan, 2018.
75. Liao YF. Re-surgery after orthognathic surgery. 第三屆口腔顱顏面畸形整復高峰論壇, Xiamen, China, 2018.
76. Liao YF. Comparative outcomes of two nasoalveolar molding techniques. 10th International Workshop in Cleft Lip/Palate, Nasal & Ear Deformity, Taoyuan, Taiwan, 2018.
77. Liao YF. Craniofacial growth and development related to cleft lip and palate. 10th International Workshop in Cleft Lip/Palate, Nasal & Ear Deformity, Taoyuan, Taiwan, 2018.
78. Liao YF. Surgical-orthodontic treatment for adult obstructive sleep apnea. 9th Annual Meeting of Taiwan Cleft Palate-Craniofacial Association, Taipei, Taiwan, 2019.
79. Liao YF. Re-surgery after orthognathic surgery. 12th Annual Meeting of Taiwan Orthodontic Society, Taipei, Taiwan, 2019.
80. Liao YF. Orthodontic consideration of orthognathic surgery for facial asymmetry. The 7th International Workshop on Surgery-First Orthognathic Surgery, Taoyuan, Taiwan, 2019.
81. Liao YF. Overview of surgical-orthodontic treatment for adult obstructive sleep apnea. The 7th International Workshop on Surgery-First Orthognathic Surgery, Taoyuan, Taiwan, 2019.
82. Liao YF. Long-term outcome of bimaxillary surgery for Class III asymmetry. The 7th International Workshop on Surgery-First Orthognathic Surgery, Taoyuan, Taiwan, 2019.
83. Liao YF. Guidelines of surgical occlusion setup in surgery-first orthognathic surgery for skeletal Class III deformity. The 7th International Workshop on Surgery-First Orthognathic Surgery, Taoyuan, Taiwan, 2019.

Society Activities

1. Session Chairperson, 1st International Chinese Sleep Forum, Taiwan, 2007.
2. Session Chairperson, 6th Annual Meeting of Taiwan Cleft Palate-Craniofacial Association, Taiwan, 2008.
3. Session Chairperson, 11th International Congress on Cleft Lip and Palate and Related Craniofacial Anomalies, Brazil, 2009.
4. Supervisor, Taiwan Cleft Palate-Craniofacial Association, 2013-2019.
5. Session Chairperson, 4th International Workshop on Surgery-First Surgical-Orthodontic Approach to Dentofacial Deformity, 2013.
6. Examiner of Orthodontic Board Examination, Taiwan Association of Orthodontists, 2013-2019.
7. Examiner of the Best Treated Case submitted to the Orthodontic Board Examination, Taiwan Association of Orthodontists, 2013-2014.
8. Session Chairperson, 8th International Workshop on Surgical Techniques in Cleft Lip and Palate and Maxillofacial Surgery, Taoyuan, Taiwan, 2014.
9. Session Chairperson, 5th International Workshop on Surgery-First Orthognathic Surgery, Taoyuan, Taiwan, 2015.
10. Session Chairperson, 9th International Workshop on Surgical Techniques in Cleft Lip and Palate and Maxillofacial Surgery, Taoyuan, Taiwan, 2016.
11. Session Chairperson, The Joint Symposium on The 6th International Workshop on Surgery-First Orthognathic Surgery & The 8th William H. Bell Lectureship, Taipei, Taiwan, 2017.
12. Session Chairperson, 8th Annual Meeting of Taiwan Cleft Palate-Craniofacial Association, Taiwan, 2018.
13. Session Chairperson, The 7th International Workshop on Surgery-First Orthognathic Surgery, Taoyuan, Taiwan, 2019.
14. Executive Director, Taiwan Cleft Palate-Craniofacial Association, 2019-2022
15. Session Chairperson, 9th Annual Meeting of Taiwan Cleft Palate-Craniofacial Association, Taiwan, 2020.

Honors &/or Awards

1. 2008-2020, Ministry of Science and Technology Research Grant, Taiwan
2. Annual Professor Kun-Chee Chen Award for the Best Thesis in Orthodontics (supervisor of Dr. Yu-Ting Chiu), 2010
3. Cover Story of the Laryngoscope. Three-dimensional computed tomography in obstructive sleep apneics treated by maxillomandibular advancement. Lin CH,

- Liao YF, Chen NH, Lo LJ, Chen YR. *Laryngoscope*. 2011;121:1336-1347.
4. Annual Professor Kun-Chee Chen Award for the Best Thesis in Orthodontics (supervisor of Dr. Yuh-Jia Hsieh), 2012
 5. Cover of the J Am Dent Assoc. Craniofacial morphologic predictors of oral appliance outcomes in patients with obstructive sleep apnea. Shen HL, Wen YW, Chen NH, **Liao YF***. *J Am Dent Assoc*. 2012;143:1209-1217.
 6. Continuing Education article of the American Dental Association and Academy of General Dentistry. Craniofacial morphologic predictors of oral appliance outcomes in patients with obstructive sleep apnea. Shen HL, Wen YW, Chen NH, **Liao YF***. *J Am Dent Assoc*. 2012;143:1209-1217.
 7. Annual Professor Kun-Chee Chen Award for the Best Thesis in Orthodontics (supervisor of Dr. Yi-Chin Wang), 2014
 8. Annual Award for the Best Treated Case submitted to the Orthodontic Board Examination (supervisor of Dr. Yun-Fang Chen), Taiwan Association of Orthodontists, 2014
 9. Article of January 2016 PRS Journal Club. Wang YC, **Liao YF***, Chen PK. Comparative outcomes of primary gingivoperiosteoplasty and secondary alveolar bone grafting in patients with unilateral cleft lip and palate. *Plast Reconstr Surg*. 2016;137:218-227.
 10. Annual Award for the Best Research Report (supervisor of Dr. Sitawan Navasumrit), 5th Resident Meeting & 29th Annual Meeting of Taiwan Association of Orthodontists, Taiwan, 2016.
 11. Annual Award for the Best Research Report (supervisor of Dr. Shu Hsien Lo), 5th Resident Meeting & 29th Annual Meeting of Taiwan Association of Orthodontists, Taiwan, 2016.
 12. Annual Award for the Best Research Report (supervisor of Dr. Worraruthai Titiroongruang), 5th Resident Meeting & 29th Annual Meeting of Taiwan Association of Orthodontists, Taiwan, 2016.
 13. Annual Award for the Best Case Report (supervisor of Dr. Chih-Ling Lin), 5th Resident Meeting & 29th Annual Meeting of Taiwan Association of Orthodontists, Taiwan, 2016.
 14. Annual Award for the Best Case Report (supervisor of Dr. Hsien-Ching Hung), 5th Resident Meeting & 29th Annual Meeting of Taiwan Association of Orthodontists, Taiwan, 2016.
 15. Annual Award for the Best Research Report (supervisor of Dr. Chih-Ling Lin), 6th Resident Meeting & 30th Annual Meeting of Taiwan Association of Orthodontists, Taiwan, 2017
 16. Annual Award for the Best Case Report (supervisor of Dr. Hsien-Ching Hung), 6th

- Resident Meeting & 30th Annual Meeting of Taiwan Association of Orthodontists, Taiwan, 2017
17. 1st Place Clinical Case Presentation (supervisor of Dr. Hsien-Ching Hung), 2nd International APOS Residents Forum & 11th Asian Pacific Orthodontic Conference, Philippine, 2018
 18. Cover Story of the *Respirology*. Three-dimensional photography for the evaluation of facial profiles in obstructive sleep apnea syndrome patients. Lin SW, Sutherland K, **Liao YF**, Cistulli PA, Chuang LP, Chou YT, Chang CH, Lee CS, Li LF, Chen NH, 2018
 19. Annual Award for the Best Research Report (supervisor of Dr. Li-Chen Liu), 7th Resident Meeting & 31st Annual Meeting of Taiwan Association of Orthodontists, Taiwan, 2018
 20. Annual Award for the Best Research Report (supervisor of Dr. Piengkwan Atipatyakul), 7th Resident Meeting & 31st Annual Meeting of Taiwan Association of Orthodontists, Taiwan, 2018
 21. Cover Story of the *Respirology*. Pharyngeal distensibility during expiration is an independent predictor of the severity of obstructive sleep apnoea. Chen NH, Lin SW, Chuang LP, Cistulli P, Hsieh MJ, Kao KC, **Liao YF**, Li LF, Yang CT, 2019.
 22. Annual Award for the Best Original Research Paper published in the *Respirology* (Fukuchi Award). Three-dimensional photography for the evaluation of facial profiles in obstructive sleep apnea syndrome patients. Lin SW, Sutherland K, **Liao YF**, Cistulli PA, Chuang LP, Chou YT, Chang CH, Lee CS, Li LF, Chen NH, 2019

Bibliography

Publications

1. **Liao YF**, Liou JW, Huang CS. Friction in orthodontics: a review. *Journal of Taiwan Association of Orthodontists*. 1995;6:61-67.
2. **Liao YF***. A syllabus for “chin-cup therapy”: its growth background and long-term result. *Journal of Taiwan Association of Orthodontists*. 1997;8:72-80.
(*Corresponding author)
3. **Liao YF**, Huang CS, Liou JW, Lin WY, Ko WC. Premaxillary size and craniofacial growth in patients with cleft lip and palate. *Biomed J*. 1998;21: 391-396.
4. Chang CN, **Liao YF**, Hung LM, Tseng CS, Hsu JH, Chen JK. Prefabricated

- implants or grafts with reverse models of three-dimensional mirror-image templates for reconstruction of craniofacial abnormalities. *Plast Reconstr Surg.* 1999;104:1413-1418. (SCI)
5. Cheng CF, Huang WH, Tsai TP, Ko EW, **Liao YF**. Effects of cancer therapy on dental and maxillofacial development in children: report of case. *ASDC J Dent Child.* 2000;67:218-222.
 6. Chen SP, **Liao YF***, Huang CS, Liou EJW. Comparison of lip repair and palatal repair on craniofacial growth in cleft patients. *Journal of Taiwan Association of Orthodontists.* 2001;13:12-16.
 7. Huang CS, **Liao YF**, Liou EJ, Lin WY, Ko EW. Using cranial vault in superimposing lateral cephalogram. *Journal of Taiwan Association of Orthodontists.* 2001;13:35-40.
 8. Liou EJ, Tsai WC, Lin WY, Ko EW, **Liao YF**, Huang CS. Premaxillary orthopedic intrusion with distraction devices in bilateral cleft lip and palate patient: a case report. *Journal of Taiwan Association of Orthodontists.* 2001; 13:48-57.
 9. Kane AA, **Liao YF**, Lo LJ, Huang CS, Huang LM, Chen YR, Noordhoff MS. A cephalometric study of facial growth in Van der Woude syndrome. *Cleft Palate-Craniofac J.* 2002;39:219-225. (SCI)
 10. **Liao YF**, Chuang ML, Chen PK, Chen NH, Yun C, Huang CS. Incidence and severity of obstructive sleep apnea following pharyngeal flap surgery in patients with cleft palate. *Cleft Palate-Craniofac J.* 2002;39:312-316. (SCI)
 11. **Liao YF**, Huang CS, Noordhoff MS. Comparison of craniofacial morphology in patients with bilateral complete cleft of primary versus secondary palate. *Cleft Palate-Craniofac J.* 2002;39:353-356. (SCI)
 12. **Liao YF**, Mars M. Cleft primary surgery and midfacial growth in unilateral cleft lip and palate: a review of the literature. *Journal of Taiwan Association of Orthodontists.* 2003;15:5-15.
 13. Chen SP, **Liao YF**, Liou EJ, Huang CS. Single mandibular incisor extraction in orthodontics. *Journal of Taiwan Association of Orthodontists.* 2003;15:31-34.
 14. Hu LJ, **Liao YF***, Wang YC. Nonsurgical correction of Class III malocclusion in an adult patient. *Journal of Taiwan Association of Orthodontists.* 2003; 15: 43-49.
 15. Ko EW, **Liao YF**, Huang CS. A high angle skeletal Class II malocclusion treated with orthognathic surgery and canine/incisor substitution. *Journal of Taiwan Association of Orthodontists.* 2003;15:44-50.
 16. **Liao YF***, Huang CS, Chuang ML. The utility of cephalometry with the Muller maneuver in evaluating the upper airway and its surrounding structures in Chinese patients with sleep-disordered breathing. *Laryngoscope.* 2003;113:614-619.

- (SCI)
17. **Liao YF***, Yun C, Huang CS, Chen PK, Chen NH, Hung KF, Chuang ML. Longitudinal follow-up of obstructive sleep apnea following Furlow palatoplasty in children with cleft palate: a preliminary report. *Cleft Palate-Craniofac J.* 2003;40:269-273. (SCI)
 18. Lin IF, Chuang ML, **Liao YF**, Chen NH, Li HY. Predicting effective continuous positive airway pressure in Taiwanese patients with obstructive sleep apnea syndrome. *J Formos Med Assoc.* 2003;102:215-221. (SCI)
 19. **Liao YF**, Noordhoff MS, Huang CS, Chen PK, Chen NH, Yun C, Chuang ML. Comparison of obstructive sleep apnea syndrome in children with cleft palate following Furlow palatoplasty or pharyngeal flap for velopharyngeal insufficiency. *Cleft Palate-Craniofac J.* 2004;41:152-156. (SCI)
 20. **Liao YF**, Chuang ML, Huang CS, Tsai YY. Upper airway and its surrounding structures in obese and nonobese patients with sleep-disordered breathing. *Laryngoscope.* 2004;114:1052-1059. (SCI)
 21. **Liao YF***, Huang CS, Tsai YY, Noordhoff MS. Craniofacial morphology in children with complete bilateral cleft lip and palate: does infantile size of the premaxilla predetermine outcome? *Cleft Palate-Craniofac J.* 2004;41:410-415. (SCI)
 22. Li HY, Li KK, Chen NH, Wang CJ, **Liao YF**, Wang PC. Three-dimensional computed tomography and polysomnography findings after extended uvulopalatal flap surgery for obstructive sleep apnea. *Am J Otolaryngol.* 2005;26:7-11. (SCI)
 23. **Liao YF**, Mars M. Long-term effects of lip repair on dentofacial morphology in patients with unilateral cleft lip and palate. *Cleft Palate-Craniofac J.* 2005;42:526-532. (SCI)
 24. **Liao YF**, Mars M. Long-term effects of palate repair on craniofacial morphology in patients with unilateral cleft lip and palate. *Cleft Palate-Craniofac J.* 2005;42:594-600. (SCI)
 25. **Liao YF**, Mars M. Long-term effects of clefts on craniofacial morphology in patients with unilateral cleft lip and palate. *Cleft Palate-Craniofac J.* 2005;42:601-609. (SCI)
 26. **Liao YF**. Timing of hard palate repair and facial growth in patients with unilateral cleft lip and palate. PhD Thesis, University of London, London, UK.
 27. Lan CC, Hung KF, **Liao YF**, Lin SW, Chen NH. Melnick-needles syndrome with obstructive sleep apnea successfully treated with nasal continuous positive airway pressure ventilation. *J Formos Med Assoc.* 2006;105:77-79. (SCI)
 28. **Liao YF**, Mars M. Hard palate repair timing and facial morphology in unilateral

- cleft lip and palate: Before versus after pubertal peak velocity age. *Cleft Palate-Craniofac J.* 2006;43:259-265. (SCI)
29. **Liao YF***, Cole TJ, Mars M. Hard palate repair timing and facial growth in unilateral cleft lip and palate: a longitudinal study. *Cleft Palate-Craniofac J.* 2006;43:547-556. (SCI)
 30. Wang PC, Li HY, Shih TS, Gliklich RE, Chen NH, **Liao YF**. Generic and specific quality-of-life measures in Taiwanese adults with sleep-disordered breathing. *Otolaryngol Head Neck Surg.* 2006;135:421-426. (SCI)
 31. **Liao YF***, Mars M. Hard palate repair timing and facial growth in cleft lip and palate: a systematic review. *Cleft Palate-Craniofac J.* 2006;43:563-570. (SCI)
 32. Huang CS, Harikrishnan P, **Liao YF**, Ko EW, Liou EJ, Chen PK. Long term follow-up after maxillary distraction osteogenesis in growing children with cleft lip and palate. *Cleft Palate-Craniofac J.* 2007;44:274-277. (SCI)
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