

Curriculum Vitae

Chih-Yen Chien, M.D., F.A.C.S.

Name :Chih-Yen Chien 簡志彥

Office Address: 123, Ta-Pei Road, Niao-Song District, Kaohsiung 833, Taiwan

TEL: 07-7317123 ext 2533

Fax: +886-7-7313855

Education: Jul-1983~Jun-1990;

Kaohsiung Medical University, School of Medicine; Kaohsiung, Taiwan

Employment Record :

1. 1990-1991, Residency, Department of Surgery, Ping-Tong Hospital
2. 1991~1995, Residency, Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan
3. 1995 - present, Faculty, Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan
4. 2014-7 Professor, Chang Gung Memorial Hospital
5. 2019-3 Professor, Chang Gung University

Professional Affiliations:

Member of the Taiwan Otolaryngology Head and Neck Society

Member of the Taiwan Head and Neck Society

Member of the Taiwan Society for Skull Base Surgery

Member of the American Academy of Otolaryngology-Head and Neck Surgery

Fellow of the International Academy of Oral Oncology

International Fellow of the American Society of Geriatric Otolaryngology

Fellow of American College of Surgeon

Active Member of American Head and Neck Society

Founding Fellow of Asian Society of Head and Neck Oncology

Academic appointments:

Reviewer of *The Laryngoscope*, since Jan-2004

Reviewer of *International Journal of Cancer*, since Aug-2009

Reviewer of *Journal of Oral Pathology and Medicine*, since Sep-2010

Reviewer of *Oral Oncology*, since Mar-2011

Reviewer of *Oral Disease*, since Mar-2010

Reviewer of *European Journal of Nuclear Medicine and Molecular Imaging*, since April-2012

Reviewer of *Archives of Oral Biology*, since Dec-2012

Reviewer of *J Taiwan Otolaryngol Head Neck Surg*, since 2012

Reviewer of *The Lancet Oncology*, since May-2013

Reviewer of *Cancer*, since June-2013

Reviewer of *BMC Cancer*, since 2013

Reviewer of *Auris Nasus Larynx*, since 2015

Reviewer of *Scientific Reports*, since 2015

Reviewer of *Oncotarget*, since 2015

Reviewer of *European Archives of Oto-Rhino-Laryngology*, since 2015

Editor-in-Chief, *International Journal of Head and Neck Science*, since 2017

Editorial Board Member, *The Laryngoscope*, from Sep-2004 to Oct-2011

Editorial Board Member, *ENT Today*, from 2006 to 2009

International Board of Academic Associate Editor, Translational Oncology section, *BMC Cancer*, since 2012-August

International Board, *Auris Nasus Larynx* since 2014

Editorial Board, *European Archives of Oto-Rhino-Laryngology*, since 2017-10

Editorial Board, *Experimental and Therapeutic Medicine*, since 2019-4

International Editorial Board, *Otolaryngology–Head and Neck Surgery*, since 2019-10

Professional Activities:

Member, Training Program Committee, *Taiwan Otolaryngology Head and Neck Society*, since 2006

Member, Academic Program Committee, *Taiwan Otolaryngology Head and Neck Society*, since 2010

Director, *Taiwan Head and Neck Society* 2006-2009,

Standing Director, *Taiwan Head and Neck Society* 2009-2012, 2012-2015

President, *Taiwan Head and Neck Society*, 2015-8 to 2018-7

Conference Chairman, *2nd Annual Meeting and Scientific Conference of Taiwan Head and Neck Society*, Aug 8, 2008, Kaohsiung

Conference Chairman, *5th Annual Meeting & International Conference of Taiwan Head and Neck Society*, July 7-10, 2011, Kaohsiung

Conference Chairman, *12th Annual Meeting & International Conference of Taiwan Head and Neck Society*, June 30-July 01, 2018, Kaohsiung

Conference Chairman, *1st Taiwan Korean Conference on Head and Neck Science*, Jan 13, 2018, Kaohsiung

Director, *Asian Society of Head and Neck Oncology*, since 2009

Treasurer, *Asian Society of Head and Neck Oncology*, since 2011

Program Co-Chair in Head & Neck, 13th *Asia-Oceania ORL-HNS*, 2015-3 Taipei

Member, International Advisory Committee, *American Head and Neck Society*, 2015-10 to 2016-9

Member, Program Committee, *AHNS 9th International Conference on Head & Neck Cancer*, July 16-20, 2015 Seattle, Washington, USA

Member, Program Committee, *AHNS 10th International Conference on Head & Neck Cancer*, July 16-20, 2020 Chicago, Illinois, USA

Member, IAB (International Affair Board) General Assembly, *AAO-HNSF* 2017-

醫策會疾病照護品質認證 (頭頸癌) 委員 since 2019-8

Member, Cancer Prevention Committee, *AHNS*, since 2019-8

Research Interest:

Head & Neck Cancer, Molecular biology

Academic Administrative Appointments/Responsibilities:

1. 2006 – 2015, Chairman, Department of Otolaryngology, Kaohsiung Chang Gung Memorial Hospital, Taiwan.
2. 2006 – present, Team Leader, Kaohsiung Chang Gung Head and Neck Oncology Group, Cancer Center, Kaohsiung Chang Gung Memorial Hospital, Taiwan
3. 2010-2015, Director, Core Research, Cancer Center, Kaohsiung Chang Gung Memorial Hospital, Taiwan
4. 2010-2015, Member, Medical Ethical Committee, Kaohsiung Chang Gung Memorial Hospital, Taiwan

Bibliography:

Publications

(I) First Author

1. **Chien CY**, Su CY, Chen WJ. Corrosive Rhinitis. *JOSROC*.1994;29(4):269-274.
2. **Chien CY**, Su CY, Wu CM. Laryngeal Tuberculosis- A 9-Year Experience. *JOSROC*.1996;31(6):463-467.
3. **Chien CY**, Su CY, Hwang CF, Huang CC. Cervical Ranula. *JOSROC*.1997;32(3):256-262.
4. **Chien CY**, Huang CC, Cheng JT, Chen CM, Hwang CF, Su CY. The clinicopathological significance of p53 and p21 expression in squamous cell carcinoma of hypopharyngeal cancer. *Cancer Letters*. 2003;201(2):217-223.
5. **Chien CY**, Chen AM, Hwang CF, Su CY. The clinical significance of adenoid - choanae area ratio in children with adenoid hypertrophy. *Int J Pediatr Otorhinolaryngol*, 2005;69(2):235-239.
6. **Chien CY**, Hwang CF, Chuang HC, Jeng SF, Su CY. Comparison of Radial Forearm Free Flap, Pedicled Buccal Fat Pad Flap and Split-Thickness Skin Graft in Reconstruction of Buccal Mucosal Defect. *Oral Oncol*. 2005;41(7):694-697 .
7. **Chien CY**, Su CY, Hwang CF, Chuang HC, Hsiao YC, Wu SL, Huang CC. The clinicopathological significance of CD105 expression in squamous cell carcinoma of hypopharynx. *Head Neck* 2006 May;28(5):441-446.
8. **Chien CY**, Su CY, Hwang CF, Chuang HC, Jeng SF, Chen YC. Ablation of Advanced Tongue or Base of Tongue Cancer and Reconstruction with Free Flaps: Functional Outcomes. *Eur J Surg Oncol* 2006 Apr;32(3):353-7.
9. **Chien CY**, Su CY, Hwang CF, Chuang HC, Chen CM, Huang CC. High expressions of CD105 and VEGF in early oral cancer predict potential cervical metastasis. *J Surg Oncol*. 2006 Oct 1;94(5):413-7.
10. **Chien CY**, Su CY, Fang FM, Huang HY, Chuang HC, Chen CM, Huang CC. Lower prevalence but favorable survival for human papillomavirus-related squamous cell carcinoma of tonsil in Taiwan. *Oral Oncol*. 2008 Feb; 44(2):174-179.
11. **Chien CY**, Su CY, Chuang HC, Fang FM, Huang HY, Chen CM, Chen CH, Huang CC. Angiopoietin-1 and -2 Expression in Recurrent Squamous Cell Carcinoma of the Oral Cavity. *J Surg Oncol*. 2008 Mar;97(3):273-277.
12. **Chien CY**, Su CY, Chuang HC, Fang FM, Huang HY, Chen CM, Chen CH, Huang CC. The clinical significance of osteopontin expression in T1 and T2 tongue cancers. *Head Neck*. 2008 Jun;30(6):776-81.
13. **Chien CY**, Su CY, Chuang HC, Fang FM, Huang HY, Chen CM, Chen CH, Huang CC. Comprehensive study on the prognostic role of osteopontin expression in oral squamous cell carcinoma. *Oral Oncol* 2009 Sep;45(9):798-802.
14. **Chien CY**, Chen CH, Chuang HC. The side population of cancer stem-like cells in human oral cancer. *Oral Oncol* 2012 Oct;48(10):913-914.
15. **Chien CY**, Chuang HC, Huang SH, Lin WC, Huang HY. A Pilot Study of Segmental Mandibulectomy with Surgical Navigation using (18) F-FDG PET/CT. *Laryngoscope* 2012 Oct;122:2205-2209.
16. **Chien CY**, Chuang HC, Chen CH, Fang FM, Huang CC, Huang HY. High expression of Activin Receptor-Like Kinase 1 among patients with head and neck squamous cell carcinoma shows poor prognosis. *Otolaryngol Head Neck Surg*. 2013 148(6);965-973.
17. **Chien CY**, Tsai HT, Su LJ, Chuang CH, Shiu LY, Huang CC, Fang FM, Yu CC, Chen CH. Aurora A signaling is activated in advanced stage of squamous cell carcinoma of head and neck cancer and requires osteopontin to stimulate invasive behavior. *Oncotarget*. 2014;5(8);2243-2262.

(II) Co-first author

18. Fang FM*, **Chien CY***, Li CF, Shiu WY, Chen CH, Huang HY. Effect of S-Phase Kinase-Associated Protein 2 Expression on Distant Metastasis and Survival in Nasopharyngeal Carcinoma Patients. *Int J*

Radiat Oncol Biol Phys 2009 Jan 1;73(1):202-7. * contribution equally

19. Huang TL*, **Chien CY***, Tsai WL, Liao KC, Chou SY, Lin HC, Luo SD, Lee TF, Lee CH, Fang FM. Long-term late toxicities and quality of life for survivors of nasopharyngeal carcinoma treated by intensity modulated radiotherapy (IMRT) VERSUS non-IMRT. *Head Neck* 2016;38 Suppl 1:E1026-32. * contribution equally

(III) Corresponding author

20. Chiu TT, Su CY, Hwang CF, **Chien CY**, Eng HL. Massive bleeding from an ectopic lingual thyroid follicular adenoma during pregnancy. *Am J Otolaryngol.* 2002;23(3):185-8.
21. Li CH, Su CY, **Chien CY**, Hwang CF, Huang HY. Salivary duct carcinoma of submandibular gland with trigeminal nerve invasion to intracranium. *J laryngol Otol.* 2003;117:731-733.
22. Wang HY, Su CY, Lin JW, **Chien CY**, Base of the tongue metastatic cancer from hepatocellular carcinoma: a case report, *Eur Arch Otorhinolaryngol.* 2004 Nov;261(10):531-3.
23. Chuang HC; Su CY; Lui CC; Hwang CF and **Chien CY**. Lingual Nerve Neurilemmoma: A Case Report. *J Otolaryngol.* 2004 Apr;33(2):132-134.
24. Lin IH, Hwang CF, Huang HY, **Chien CY**. Small cell carcinoma of the nasopharynx- a case report. *Acta Otolaryngol* 2007 Feb;127(2):206-208.
25. Yuan CH, Chuang HC, **Chien CY**. Multiple extramedullary plasmacytomas in head and neck. *J Taiwan Otolaryngol Head Neck Surg* 2005 40(2): 86-91
26. Hsu YC, Hwang CF, Hsu RF, Kuo FY, **Chien CY**. Schwannoma (neurilemmoma) of the tongue. *Acta Otolaryngol.* 2006 Aug;126(8):861-5.
27. Chuang HC, Su CY, Jeng SF, **Chien CY**. Anterior lateral thigh flap for buccal mucosal defect after resection of buccal cancer. *Otolaryngol Head Neck Surg.* 2007; 137(4):632-635.
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29. Chiu CH, Kuo YL, Kuo FY, **Chien CY**. Cavernous Hemangioma of the Maxillary Sinus. *J Taiwan Otolaryngol Head Neck Surg* 2007 42(2):55-58.
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32. Su YY*, Fang FM*, Chuang HC, Luo SD, **Chien CY**. Detection of Metachronous Esophageal Squamous Carcinoma in Patients with Head and Neck Cancer Using Transnasal Esophagoscopy. *Head Neck* 2010 Jun;32(6):780-5. * contribution equally
33. Al-Swiahb JN*, Huang CC*, Fang FM, Chuang HC, Huang HY, Luo SD, Chen CH, Chen CM, **Chien CY**. Prognostic Impact of p16, p53, EGFR, and HPV in Oropharyngeal Cancer in an Area of Betel Nut Chewing. *Arch Otolaryngol Head Neck Surg* 2010;136(5):502-508. * contribution equally
34. Al-Swiahb JN*, Chen CH*, Chuang HC, Fang FM, **Chien CY**. Clinical, Pathological, and Molecular Determinants in Squamous Cell Carcinoma of the Oral Cavity. *Future Oncol* 2010;6(5):837-850. * contribution equally
35. Chuang HC, Fang FM, Huang CC, Huang HY, Chen HK, Chen CH, **Chien CY**. The Clinical and Pathological Determinants in Tonsil Cancer. *Head Neck* 2011 Dec; 33:1703-1707.
36. Chuang HC, Chen CH, Huang CC, Fang FM, Tsai HT, **Chien CY**. Reduced expression of TRF1 and TRF2 is associated with tumor progression and poor prognosis in oral squamous cell carcinoma. *Experimental and Therapeutic Medicine* 2011;(2):63-67.
37. Guo CS, Chuang HC, **Chien CY**. Topical sucralfate for pain after oral CO2 laser surgery: a prospective, randomized, controlled trial. *Am J Otolaryngol.* 2012 Jan;33(1):109-12.
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39. Lin YT, Chuang HC, Chen CH, Armas GL, Chen HK, Fang FM, Huang CC, **Chien CY**. Clinical significance of erythropoietin receptor expression in oral squamous cell carcinoma. *BMC Cancer* 2012, May 28;12(1):194.

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* contribution equally
42. Yang SU, **Chien CY**. Nasopharyngeal carcinoma with esophageal metastasis presenting with progressive dysphagia. *Endoscopy* 2013 May;45 Suppl 2:E120-1.
43. Chen WC, Chuang HC, Su YY, **Chien CY**. The predicting factors of postoperative drainage after partial superficial parotidectomy: A case control study. *J Laryngol Otol* 2015 Oct;129(10):1020-4
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47. Chen CH, Tsai HT, Chuang HC, Shiu LY, Su LJ, Chiu TJ, Luo SD, Fang FM, Huang CC, **Chien CY**. Metformin disrupts malignant behavior of oral squamous cell carcinoma via a novel signaling involving Late SV40 factor/Aurora-A in vitro and in vivo. *Sci Rep* 2017 May 2;7(1):1358.
48. Chen WC, Chuang HC, Lin YT, Huang CC, **Chien CY**. Clinical impact of human papillomavirus in laryngeal squamous cell carcinoma: a retrospective study. *PeerJ* 2017; 5:e3395; DOI 10.7717/peerj.3395.
49. Wu CN, Chuang HC, Lin YT, Fang FM, Li SH, **Chien CY**. Prognosis of Neutrophil-to-Lymphocyte Ratio in Clinical Early-stage Tongue (cT1/T2N0) Cancer. *Onco Targets Ther* 2017 Aug 4;10:3917-3924. doi: 10.2147/OTT.S140800. eCollection 2017.
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51. Tsai MH, Chuang HC, Lin YT, **Chien CY**. Clinical Significance of Preoperative Circulating Levels of VEGF among Patients with Oral Cancer. *Int J Head Neck Sci* 2018;2(3):131-137.
52. Wang CP, Liao LJ, Chiang CJ, Hsu, WL, Kang CJ, Wang CC, Chen PR, Chen TC, Huang W, **Chien CY**. Patients with Oral Cancer Do Not Undergo Surgery as Primary Treatment: A Population-Based Study in Taiwan. *J Formos Med Assoc*. 2020 Jan;119(1 Pt 3):392-398. doi: 10.1016/j.jfma.2019.06.011.

(III) Co-Corresponding author

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55. Chen CH*, Chang A, Li SH, Tsai HT, Shiu LY, Su LJ, Wang WL, Chiu TJ, Luo SD, Huang TL, **Chien CY***. Suppression of Aurora-A-FLJ10540 signaling axis prohibits the malignant state of head and neck cancer. *Mol Cancer*. 2015 Apr 12;14(1):83. * Co-corresponding author
56. Lin YT, Wang HC, Hsu YC, Cho CL, Yang MY*, **Chien CY***. Capsaicin Induces Autophagy and Apoptosis in Human Nasopharyngeal Carcinoma Cells by Downregulating the PI3K/AKT/mTOR Pathway. *Int J Mol Sci* 2017 Jun 23;18(7). pii: E1343. doi: 10.3390/ijms18071343
* Co-corresponding author
57. Lin YT, Wang HC, Chuang HC, Hsu YC, Yang MY*, **Chien CY***. Pre-treatment with angiotensin-(1-7) inhibits tumor growth via autophagy by downregulating PI3K/Akt/mTOR signaling in human

(IV) Co author

58. Wu CM, Hwang CF, **Chien CY**, Su CY. Esophageal Foreign Body of Disk Battery- Case Report. *Journal of the Otolaryngological Society of the Republic of China*. 1993;28(4):69-72
59. Lin WC, Su CY, **Chien CY**, Lui CC. Lingual Thyroid with a Huge Subhyoid Nodular Goiter- Case Report, *Journal of the Otolaryngological Society of the Republic of China*. 1996;31(4):340-343
60. Wu CC, Su CY, **Chien CY**. Rhinolithiasis. *Journal of the Otolaryngological Society of the Republic of China*. 1998;33:442-446.
61. Hwang CF, Su CY, **Chien CY**, Wu CM. Modified laser uvulopalatopharyngoplasty for the treatment of snoring and symptoms of sleep apnea - A preliminary report. *Journal of the Otolaryngological Society of the Republic of China* 1998;33(4):349-354.
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63. Su CY, **Chien CY**, Hwang CF. A new transnasal approach to endoscopic marsupialization of the nasolabial cyst. *Laryngoscope*. 1999;109(7 Pt 1):1116-8.
64. Huang CT, Su CY, **Chien CY**, Lin HC, Hwang CF. Nasal Leech Infection in Man – Report of Five cases *J Taiwan Otolaryngol Head Neck Surg* 1999;34(4):332-336.
65. Lin HC, Su CY, Chien CY, Hwang CF, Kuo SC, Huang CC. A new surgical method for the treatment of nasolabial cyst-transnasal endoscopic marsupialization. *J Taiwan Otolaryngol Head Neck Surg* 2000;35:97-102.
66. Huang CT, **Chien CY**, Su CY, Chen WJ. Leiomyoma of the inferior turbinates. *J Otolaryngol*. 2000;29(1):55-6
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70. Jeng SF, Kuo YR, Wei FC, An PC, Su CY, **Chien CY**. Free radial forearm flap with adipofascial tissue extension for reconstruction of oral cancer defect. *Ann Plast Surg*. 2002;49(2):151-5.
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72. Liu YT, Jeng SF, Su CY, **Chien CY**, Kuo YR. Management of skin paddle without visible sizable perforator in the fibula osteoseptocutaneous flap for the mandibular reconstruction after cancer ablation-Two cases report. *Journal of Plastic Surgical Association ROC*.2003;12(2):137-142.
73. Li CH, Su CY, **Chien CY**, Huang CC, Huang SC, Hsiao YC, Hwang CF. mRNA Expression of Tumor Suppressor Gene p27 and c-myc Oncogene in Nasopharyngeal Carcinoma, *J Taiwan Otolaryngol Head Neck Surg*. 2003;38(6):239-246.
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76. Jeng SF, Kuo YR, Wei FC, Su CY, **Chien CY**. Reconstruction of concomitant lip and cheek through-and-through defects with combined free flap and an advancement flap from the remaining lip. *Plast Reconstr Surg*. 2004 Feb;113(2):491-8.
77. Fang FM, **Chien CY**, Kuo SC, Chiu HC, Wang CJ. Changes in quality of life of head-and-neck cancer patients following postoperative radiotherapy, *Acta Oncol*. 2004;43(6):571-8.
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- Cancer Survivors after Surgery and Postoperative Radiotherapy. *Jpn J Clin Oncol*. 2004 Nov;34(11):641-6.
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 80. Jeng SF, Kuo YR, Wei FC, Su CY, **Chien CY**. Reconstruction of extensive composite mandibular defects with large lip involvement by using double free flaps and fascia lata grafts for oral sphincters. *Plast Reconstr Surg*. 2005 Jun;115(7):1830-6.
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 82. Su CY, Huang HT, Liu HY, Huang CC, **Chien CY**. Scanning Electron Microscopic Study of the Nasolabial Cyst: Its Clinical and Embryological Implications. *Laryngoscope*. 2006 Feb;116(2):307-311.
 83. Lu SY, Eng HL, Huang CC, **Chien CY**, Lui CC, Lin JW. Basaloid squamous cell carcinoma of the sinonasal tract: Report of two cases. *Otolaryngol Head Neck Surg*. 2006 May;134(5):883-5.
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 88. Fang FM, **Chien CY**, Tsai WL, Chen HC, Hsu HC, Lui CC, Huang TL, Huang HY. Quality of Life and Survival Outcome for Patients With Nasopharyngeal Carcinoma Receiving Three-Dimensional Conformal Radiotherapy vs. Intensity-Modulated Radiotherapy-A Longitudinal Study. *Int J Radiat Oncol Biol Phys*. 2008 Oct 1;72(2):356-364.
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Book Chapter

1. Witt-Surgery of Salivary Glands 2019. Elsevier Publisher, Netherlands.
Granulomatous Diseases of Salivary Gland.
Chuang HC and **Chien CY**.

Presentations at International Conferences

1. **Chien CY**, Su CY, Chuang HC, Fang FM, Huang HY, Chen CM, Chen CH, Huang CC. The expression of osteopontin in T1 and T2 tongue cancers. FIRST WORLD CONGRESS OF THE INTERNATIONAL ACADEMY OF ORAL ONCOLOGY. 17 – 20 May 2007, Amsterdam , The Netherlands
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5. Chen CH, **Chien CY**. Overexpression of FLJ10540 is related to tumor progression in patients with oral cavity squamous cell carcinoma. 7th International Conference on Head and Neck Cancer, July 19-23, 2008, San Francisco, California, USA.
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2009

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34. Su YY, Chuang HC, Lin YT, Chen CH, **Chien CY**. Erythropoietin receptor (EPOR) in oral cavity cancer. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
35. Lou SD, **Chien CY**. Cavernous supraglottic pattern of adult laryngeal hemangioma: surgical outcome. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
36. Lin WC, **Chien CY**, Huang CC, Fang FM, Huang SH, Chen CH, Huang TL, Chen HL. Assessment of head and neck cancer using dynamic contrast-enhanced MR Image. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
37. Yin YF, Chen CH, **Chien CY**, Huang SC, Hwang CF. To investigate the clinical significance and functional roles of the expressions of Fibulin-5 in nasopharyngeal carcinoma tissue and cell lines. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
38. Chen CF, **Chien CY**, Lui CC, Fang FM, Lui HL, Chuang HC, Su YY, Huang TL. Quantitative analysis of tongue cancer permeability by using magnetic resonance dynamic contrast enhancement (DCE) technique. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
39. Huang CC, Chen CM, **Chien CY**. S100A8 expression in squamous cell carcinoma of oral cavity. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
40. Huang SH, **Chien CY**. Additional value of MRI/PET fusion compared with MRI and PET/CT in the assessment of masticator space invasion in advanced squamous cell carcinoma of buccal cancer. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
41. Chen CC, Lin PY, Jeng SF. The versatility of ALT flap for multiple defects in head and neck reconstruction. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
42. Johnson CS Yang SF Jeng. The implication of coronary artery diseases as co-morbidity for head and neck cancer patients receiving microvascular reconstructions. Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
43. **Chien CY**, Huang CH, Chuang HC. The impact of positive lymph node number in tonsil cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 114th Annual Meeting, 26-29 Sep 2010, Boston, USA.
44. Chen CH, **Chien CY**. Polymorphisms of Aurora-A Gene in Oral Cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 114th Annual Meeting, 26-29 Sep 2010, Boston,

USA.

45. Shih HS, **Chien CY**, Jeng SF. Is Free Flap Safe in Old Patients with Head and Neck Cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 114th Annual Meeting, 26-29 Sep 2010, Boston, USA.
46. Jeng SF, Chen CC, Chien CY. Multiple Defects Using ALT Flap for Reconstruction. American Academy of Otolaryngology-Head and Neck Surgery Foundation 114th Annual Meeting, 26-29 Sep 2010, Boston, USA.
47. **Chien CY**, Fang FM. Improved survival among advanced oral cancer patients taking metformin for diabetes mellitus control. Third World Congress of the International Academy of Oral Oncology. 14 – 17 July 2011, Singapore.
48. Chen CH, Tsai HT, **Chien CY**. TSG101 downregulates FLJ10540 and modulates migration and invasion of OCSCC via AKT pathway. Third World Congress of the International Academy of Oral Oncology. 14 – 17 July 2011, Singapore.
49. Tsai HT, Chen CH, **Chien CY**. Osteopontin modulates Aurora-A expression and promotes migration and invasion of OCSCC via PI3K/AKT pathway. Third World Congress of the International Academy of Oral Oncology. 14 – 17 July 2011, Singapore.
50. Yang CS J, **Chien CY**. Hypopharyngeal cancer reconstruction after tumor ablation. The 2nd Congress of Asian Society of Head and Neck Oncology. Goa, India, Oct 6-9, 2011.
51. Su YY, **Chien CY**, Chiu TJ. High ERCC1 expression predicts cisplatin-based chemotherapy resistance and poor outcome in unresectable squamous cell carcinoma of head and neck in a betel-chewing area. Third World Congress of the International Academy of Oral Oncology. 14 – 17 July 2011, Singapore.
52. **Chien CY**, Fang FM. Treatment of T4b oral cancer: Is it suitable to apply chemoradiation before surgery? 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
53. Yang Johnson Chia-Shen, **Chien CY**. Nutritional Support For Hypopharyngeal Cancer Patient: Naso-Duodenal Tube Feeding Vs. Total Parenteral Nutrition, Which Is Better? - A Preliminary Result. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
54. Chen CH, Tsai HT, **Chien CY**. Modulated FLJ10540 by osteopontin is associated with tumor progression in nasopharyngeal carcinomas and contributes to osteopontin-elicited proliferation, migration and invasion in nasopharyngeal cell lines via CD44 pathway. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
55. Chen CH, Tsai HT, **Chien CY**. Metformin inhibits head and neck cancer cell growth, and motility via Aurora-A/AKT pathway. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
56. Guo CS, **Chien CY**. Impact of routine esophageal screening on synchronous and metachronous esophageal squamous cell carcinoma in patients with head and neck cancer. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
57. Huang CC, **Chien CY**. The preoperative plasma osteopontin in patients with oral cancer - a long term clinical result. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
58. Chen WC, **Chien CY**, Chuang HC. Superficial Parotidectomy Assisted by LigaSure Vessel Sealing System. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
59. Lee SH, Fang FM, **Chien CY**. Efficacy of dose-modified chemotherapy with docetaxel, cisplatin, and 5-Fluorouracil for Asian patients with head and neck squamous cell carcinoma in betel-chewing area. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
60. Fang FM, **Chien CY**. PROGNOSTIC VALUE OF QUALITY OF LIFE DURING FOLLOW-UP ON SURVIVAL FOR PATIENTS WITH NASOPHARYNGEAL CARCINOMA AFTER TREATMENT. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
61. Lee Y, **Chien CY**, Fang FM, Chiu NM, Chong MY. The morbidity and predictors of depressive disorder in patients with head and neck cancer in South Taiwan: a 6-month follow-up study. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
62. Su YY, **Chien CY**, Tseng LS. To do or not to do elective neck dissection among patients of oral cancer with cT1N0M0 stage. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada
63. Luo SD, Hwang CF, **Chien CY**, Chen CH. Leptin overexpression is associated with tumor progression

and a poor prognosis in nasopharyngeal carcinomas. 8th International Conference on Head and Neck Cancer, July 21-25, 2012, Toronto, Canada

64. **Chien CY**, Chen CH. The expression of Activin Receptor-Like Kinase 1 in HNSCC. American Academy of Otolaryngology-Head and Neck Surgery Foundation 115th Annual Meeting, 09-12 Sep 2012, Washington DC, USA.
65. Lin LM, Wu LH, Hsieh HN, Lin HF, Jan SJ, **CY Chien**, Luo SD. Use of innovative modifications to establish the safety culture of nursing care of head and neck cancer surgery. The 3rd Congress of Asian Society of Head and Neck Oncology. Cebu, Philippine, March 20-22, 2013.
66. Yang JCS, **Chien CY**. External plating with secondary free osteocutaneous fibular flap reconstruction after segmental mandibulectomy for patients with oral cancer. The 3rd Congress of Asian Society of Head and Neck Oncology. Cebu, Philippine, March 20-22, 2013.
67. Lin YT, Chuang HC, Lu CT, **Chien CY**. Triple Positive Pathological Finding in Oral Cavity Cancer is related to a Worse Prognosis. Fifth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), New York, USA, July 26-30, 2014.
68. Chuang HC, Huang CC, **Chien CY**. Intraoperative chemodetection of precancerous or cancerous lesions of HNSCC. Fifth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), New York, USA, July 26-30, 2014.
69. Lin YT, Wang HC, **Chien CY**. Short-term clinical outcome of endoscopic skull base surgery for skull-base tumor. 13th Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
70. Liao CC, Luo SD. Simultaneously Bilateral Adenoid Cystic Carcinoma of Parotid Gland: a Rare Case Report and Literature Review. 13th Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
71. Luo SD. The Role of Endoscopic Endonasal Approach for locally Recurrent Nasopharyngeal Carcinoma. 13th Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
72. Chuang CH, **Chien CY**. Parotidectomy: What could we do more? 13th Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
73. Yeh CW, **Chien CY**. Treatment of synchronous laryngopharyngeal and supracarina esophageal cancer: Kaohsiung CGMH experience. 13th Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
74. Wu CN, Su YY, Luo SD. The Use of Middle Turbinate Free Mucosal Graft in Endoscopic Nasopharyngectomy. 13th Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
75. Chen CH, **Chien CY**. Aurora-A/FLJ10540/MMP-7/MMP-10 signaling suppression prevents the malignant state of head and neck cancer. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
76. Chen CH, **Chien CY**. Diagnostic and therapeutic potential of angiotensin II type I receptor in head and neck cancer. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
77. Chen CH, **Chien CY**. Metformin inhibits the aggressive phenotype of head and neck cancer cell via Aurora-A axis signaling pathway. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
78. Wang WL, Chen CH, **Chien CY**. The CD105 shows the impact of oral cancer patients and promotes proliferation/metastasis of oral cancer via CCL20. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
79. Luo SD, **Chien CY**. The epidemiology and diagnosis of nasopharyngeal carcinoma. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
80. Lin YT, Wang HC, **Chien CY**. Short-term Clinical Outcome of Endoscopic Endonasal Transsphenoidal Approach for Sellar Tumor. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
81. Huang TL, Fang FM, **Chien CY**. Long-term effects on carotid intima-media thickness after radiotherapy in patients with nasopharyngeal carcinoma. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
82. Fang FM, **Chien CY**. Survival and quality adjusted life expectance for NPC patients treated by IMRT. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
83. Fang FM. The therapeutic benefits of IMRT in the treatment of NPC. The 4th Congress of Asian Society

- of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
84. Li SH, Huang TL, Fang FM, **Chien CY**. Significance of mTOR in patients with stage IVA/IVB HNSCC receiving induction chemotherapy with TPF The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 03-06, 2015.
 85. Chen CH, Tsai HT, **Chien CY**. Angiotensin II type 1 receptor contributes to malignant progression in oral squamous cell carcinoma through modulation of FLJ10540/S100A9 signaling. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
 86. Chen CH, Tsai HT, **Chien CY**. LSF, a novel marker for human oral carcinogenesis and metastasis. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
 87. Wu CN, Chen WJ, Huang HY, **Chien CY**. An Extremely Rare Sinonasal Malignant Tumor, Sinonasal Renal Cell-Like Adenocarcinoma – Report of one case and Literature Review. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
 88. Huang TL, Fang FM, **Chien CY**. Quality of life and quality-adjusted life expectancy for patients with NPC treated by IMRT—predictive values of clinical stages. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
 89. Chuang HC, Fang FM, Huang TL, **Chien CY**. Treatment of p16 negative advanced tonsil cancer: Primary Radiation or Primary Surgery? 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
 90. Lee NN, **Chien CY**. Rare case of masticator space hemangioma on a young boy: A 10-year follow-up. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
 91. Fang FM, Huang TL, Chuang HC, **Chien CY**. The therapeutic benefit of immediate surgery for T4b squamous cell carcinoma of oral cavity with partial or complete response after chemoradiotherapy. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
 92. Lin YT, Wang HC, **Chien CY**. Endoscopic Endonasal Approach for Cavernous Sinus Tumor. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
 93. **Chien CY**, Wu CN, Lu H. Prognosis of Neutrophil-to-lymphocyte ratio in early tongue cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 120th Annual Meeting, 18-21 Sep 2016, San Diego, USA.
 94. Tsai MH, **Chien CY**. Treatment of synchronous laryngopharyngeal and supracarinal esophageal cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 120th Annual Meeting, 18-21 Sep 2016, San Diego, USA.
 95. YT Lin, **Chien CY**. Induction of Mitotic Delay in Nasopharyngeal Carcinoma Cells Using an Aqueous Extract of *Ajuga bracteosa* (AEAB). The 5th Congress of Asian Society of Head and Neck Oncology. Bali, Indonesia, March 23-25, 2017.
 96. Fang FM, **Chien CY**. Robotic System-based Stereotactic Hypofractionated Radiotherapy in Previously Radiated Un-resectable HNSCC. The 5th Congress of Asian Society of Head and Neck Oncology. Bali, Indonesia, March 23-25, 2017.
 97. Fang FM, **Chien CY**. The 6th Congress of Asian Society of Head and Neck Oncology. Seoul, Korea, March 27-30, 2017.
 98. Lin YT, **Chien CY**. The 6th Congress of Asian Society of Head and Neck Oncology. Seoul, Korea, March 27-30, 2017.
 99. Ho CH, Luo SD, **Chien CY**. The 6th Congress of Asian Society of Head and Neck Oncology. Seoul, Korea, March 27-30, 2017.
 100. Chuang HC, **Chien CY**. Activation of STAT1 induces Interferon-related genes and mediates cisplatin resistance in head and neck cancer cell lines. 2019 American Head and Neck Society Meeting. Austin, Texas, USA, May 1-2, 2019.
 101. Chuang HC, **Chien CY**. Treatment and diagnosis of mycobacterial related granulomatous infection in major salivary gland: a single institution experience. 5th Congress of European ORL-HNS. Brussels, Belgium, June 29-July 3, 2019.
 102. Tsai MC, **Chien CY**. Predictors of inpatient medical expense among patients with total laryngectomy. 5th Congress of European ORL-HNS. Brussels, Belgium, June 29-July 3, 2019.

Invited Speech

1. Oral cancer treatment
Annual Meeting of Taiwan Auditory and Speech Society. Tainan, Taiwan, Sep-30, 2007
2. Angiogenesis in head and neck cancer.
Annual Meeting of Taiwan Head and Neck Society. Taipei, Taiwan, May-4th, 2008
3. The new frontier in the treatment of laryngopharyngeal cancer
2nd Cross-Strait Head and Neck Conference, Xiamen, China, July-12, 2008
4. How Important Role of HPV in Oropharyngeal Cancer -- South Taiwan Experience
Asia-Pacific Congress on Oral Cavity Cancer in Conjunction with the 12th Annual Meeting of Taiwan Cooperative Oncology Group. Taipei, Taiwan, Dec 6-7, 2008
5. Advanced tongue cancer treatment—total glossectomy and nearly total glossectomy
Cross-Strait Symposium of New Advancement in Oral Cancer Management and Reconstruction, Xiamen, China, Dec 13-14, 2008
6. The impact of HPV and related markers in the survival of oropharyngeal cancer among patients from South Taiwan.
The First Congress of Asian Society of Head and Neck Oncology. Taipei, Taiwan, Sep 17-18, 2009
7. Management of oral precancerous lesions. 87th Annual Meeting of Taiwan Otolaryngological Society. Taichung, Taiwan, Nov 7-8, 2009.
8. The prevalence rate and clinical significance of HPV in oropharyngeal cancer
Fourth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), Seoul, Korea, June 15-19, 2010
9. The surgical treatment for hypopharyngeal cancer. 89th Annual Meeting of Taiwan Otolaryngological Society. Taichung, Taiwan, Nov 13-14, 2010. Taipei, Taiwan
10. Segmental mandibulectomy under surgical navigation with PET/CT scan. Third World Congress of the International Academy of Oral Oncology, Singapore 14 – 17 July 2011.
11. Improved survival among advanced HNSCC patients taking metformin for diabetes mellitus control. The 19th Annual International Wu Ho-Su Memorial Congress on Skull Base and Head & Neck Surgery. Taipei, Taiwan. 27-28 Aug, 2011
12. Surgical salvage for patients with T4b oral cancer failed the concurrent chemoradiation. The 2nd Congress of Asian Society of Head and Neck Oncology. Goa, India, Oct 6-9, 2011.
13. HPV and Oropharyngeal Cancer 2011 3rd World Chinese Otorhinolaryngology Head & Neck Surgery. Kaohsiung, Taiwan, Nov 11-12, 2011.
14. HPV in Oropharyngeal Cancer in a Region of Betel Nut Chewing. The 11th Japan-Taiwan Conference on Otolaryngology-Head and Neck Surgery. Kobe, Japan, Dec 8-9, 2011.
15. Diagnostic and treatment of Head & Neck tumor dialogue between Clinicians and Radiologist. 2011 Annual Meeting of Neuroradiological Society of Taiwan. Kaohsiung, Taiwan. Dec 17, 2011.
16. The application of transnasal esophagoscopy in head and neck cancer. International Symposium to be held in commemoration of retirement of Professor Kwang Hyun Kim. Seoul, Korea. Feb 2, 2013.
17. Transnasal Esophagoscopy. The 3rd Congress of Asian Society of Head and Neck Oncology. Cebu, Philippine, March 20-22, 2013.
18. Intraoperative Chemodetection of Pre-Cancer and Cancer Lesions for Patients with HNSCC. The 3rd Congress of Asian Society of Head and Neck Oncology. Cebu, Philippine, March 20-22, 2013.
19. The survey of synchronous and metachronous esophageal cancer among patients with HNSCC– the role of head and neck surgeon. 20th IFOS World Congress, Seoul, Korea, June 1-5, 2013.
20. The topography and clinical significance of HPV in HNSCC. 20th IFOS World Congress, Seoul, Korea, June 1-5, 2013.
21. The topography and clinical significance of HPV in HNSCC. The 12th Japan-Taiwan Conference on Otolaryngology-Head and Neck Surgery. Taipei, Taiwan, Dec 5-6, 2013.
22. Regional variations in oral cancer around the world: Epidemiology and oral mucosa screening program panel. Fifth World congress of IFHNOS (International Federation of Head and Neck Oncologic Societies), New York, USA, July 26-30, 2014.
23. Treatment of synchronous laryngopharyngeal cancer and supracarina esophageal cancer: Kaohsiung Chang Gung Hospital Experience. 2014 Chang Gung Memorial Hospital Synchronous Head and Neck and Esophageal Cancer Symposium. Tao-Yuen, Taiwan, Dec 6, 2014.
24. Treatment of Locally Advanced T4b Oral Cancer. 13th Asia-Oceania ORL-HNS Congress. Taipei, Taiwan. March 19-22, 2015.
25. Treatment of Locally Advanced T4b Oral Cancer. The 4th Congress of Asian Society of Head and Neck Oncology. Kobe, Japan, June 4-6, 2015.

26. Treatment p16 negative tonsil cancer.” Primary radiation or Primary surgery?” The 13th Japan-Taiwan Conference on Otolaryngology-Head and Neck Surgery. Tokyo, Japan, Dec 5-6, 2015.
27. Overview in Nasopharyngeal carcinoma. 9th International Conference on Head and Neck Cancer, July 16-20, 2016, Seattle, USA.
28. Treatment of Locally Advanced T4b Oral Cancer-KCGMH Experience. The 5th Congress of Asian Society of Head and Neck Oncology. Bali, Indonesia, March 23-25, 2017.
29. Clinical Impact of Metformin in Oral Cancer. The 5th Congress of Asian Society of Head and Neck Oncology. Bali, Indonesia, March 23-25, 2017.
30. Treatment of p16 Negative Resectable Advanced Tonsillar Cancer: Our Experience. April 21 2017, Cheonan, Dankook University, Korea.
31. Treatment of Locally Advanced Oral Cancer: Our Strategy and Future Prospect. International Congress of ORL-HNS 2017 (ICORL 2017), April 22-23. Seoul, Korea
32. Improved Quality of Life and Clinical Outcomes in Nasopharyngeal Carcinoma by Modern Therapeutic Strategy. 21th IFOS World Congress, Paris, France, June 24-28, 2017.
33. Treatment of Locally Advanced Oral Cancer: Taiwan Experience. UAE Cancer Conference Oct 6 2017. Dubai, United Arab Emirates.
34. The survival of OPX cancer in Taiwan. 1st Taiwan-Korea Conference of Head and Neck Science, Jan 13, 2018 Kaohsiung, Taiwan.
35. Clinical Impact of Human Papillomavirus in Head and Neck Cancer. Pathology Day: Updates on Tumor Pathology and Implications in Treatment. Taiwan Society of Pathology. Sep 10 2018 Taichung, Taiwan.
36. From Bench to Clinical Application in Oral Cancer. Autumn Conference of Korean Society of Thryoid-Head and Neck Surgery, Nov 9th – 10th 2018, Seoul, Korea.
37. Prognostic Biomarker in Head and Neck Cancer. The 6th Congress of Asian Society of Head and Neck Oncology. Seoul, Korea, March 27-30, 2017.
38. Survivorship of HNSCC in Taiwan-Head and Neck Core Curriculum Series. Department of Head and Neck Surgery, MD Anderson Cancer Center, Houston, Texas, USA, April 24, 2019.
39. History of Neck Dissection. 106th Meeting of Taiwan Otolaryngology Head and Neck Surgery Society. Taichung, Taiwan. May 4, 2019.
40. Advanced techniques for diagnosis of hypopharyngeal cancer and its association with esophageal cancer in Taiwan. 5th Congress of European ORL-HNS. Brussels, Belgium, June 29-July 3, 2019.
41. Asia-Oceania US Educational Satellite Symposium-Oral Cancer. American Academy of Otolaryngology-Head and Neck Surgery Foundation 123th Annual Meeting, 17 Sep 2019, New Orleans, USA.