

## CURRICULUM VITAE

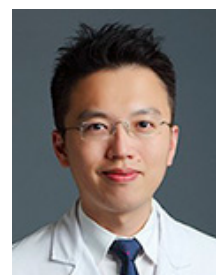
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### Education:

1994~2001 MD; Chang Gung University, Taoyuan, Taiwan

### Post-Graduate Education:

2006/9~2011/8 PHD; Graduate Institute of Clinical Medical Sciences, Chang Gung University, Taoyuan, Taiwan

### Employment Record:

July 2000~June 2001	Internship, Chang Gung Memorial Hospital
Aug 2001~Aug 2004	R1, R2 & R3, Div of General Surgery, Chang Gung Memorial Hospital
Aug 2004~Aug 2006	Fellow, Div of Thoracic & Cardiovascular Surgery, Chang Gung Memorial Hospital
July 15~31, 2006	Fellow, Div of Thoracic Surgery, National Cancer Center, Tokyo, Japan
Aug 2006~	Attending Staff, Div of Thoracic & Cardiovascular Surgery, CGMH
July 2008~June 2011	Lecturer, Div of Thoracic & Cardiovascular Surgery, CGMH
Aug 2009~Aug 2011	Lecturer, Department of medicine, Chang Gung University
July 2011~June 2014	Assistant professor, Div of Thoracic & Cardiovascular Surgery, CGMH
Aug 2012~Sep 2015	Assistant professor, Department of medicine, Chang Gung University
July 2014~	Associate professor, Div of Thoracic & Cardiovascular Surgery, CGMH
Oct 2015~	Associate professor, Department of medicine, Chang Gung University
Jan 2016~	Vice-Director, Robotic surgery center, CGMH
July 2017~	Chief, Department of thoracic surgery, CGMH
July 2017~	Director, International Medical Center, CGMH

### Honor/Award:

1. 95 年度台灣外科醫學會最佳手術錄影帶獎(2006)
2. Taiwan Association of Thoracic and Cardiovascular Surgery, 5<sup>th</sup> young investigator award (2008) 台灣胸腔及心臟血管外科學會新秀論文獎
3. 17th Annual Meeting of the Asian Society for Cardiovascular and Thoracic Surgery (ASCVTS). Young Investigator's Award (2009) 亞洲胸腔及心臟血管外科學會新秀論文獎
4. Taiwan Association of Thoracic and Cardiovascular Surgery, 6<sup>th</sup> young investigator award (2009) 台灣胸腔及心臟血管外科學會新秀論文獎

5. Outstanding Research Award; Division of Surgery; Chang Gung Memorial Hospital 長庚醫院外科部 年度傑出研究獎(2010)
6. Taiwan Association of Thoracic and Cardiovascular Surgery, 7<sup>th</sup> president award (2010) 台灣胸腔及心臟血管外科學會理事長論文獎
7. 國際外科學會中華民國總會優秀論文競賽特優獎(2011)
8. Taiwan Association of Thoracic and Cardiovascular Surgery, 9<sup>th</sup> president award (2012) 台灣胸腔及心臟血管外科學會理事長論文獎
9. Taiwan Association of Thoracic and Cardiovascular Surgery, 10<sup>th</sup> president award (2013) 台灣胸腔及心臟血管外科學會理事長論文獎
10. 台灣胸腔暨重症加護醫學會 Taiwan society of pulmonary and critical care medicine, Young Investigator award 優秀論文獎(2013)
11. Taiwan Association of Thoracic and Cardiovascular Surgery, 11<sup>th</sup> president award (2014) 台灣胸腔及心臟血管外科學會理事長論文獎
12. American College of Surgeon International Scholarship(2015)美國外科醫學會國際研究學者獎勵
13. Taiwan Association of Thoracic and Cardiovascular Surgery, 12<sup>th</sup> president award (2015) 台灣胸腔及心臟血管外科學會理事長論文獎
14. Taiwan Association of Thoracic and Cardiovascular Surgery, 13<sup>th</sup> president award (2016) 台灣胸腔及心臟血管外科學會理事長論文獎
15. European Society for Medical Oncology Asia 2016 Congress Travel Grant for Young Oncologist 歐洲腫瘤醫學會年輕學者研究獎勵
16. Taiwan Association of Thoracic and Cardiovascular Surgery, 14<sup>th</sup> president award (2017) 台灣胸腔及心臟血管外科學會理事長論文獎
17. European Society of Thoracic Surgeons 26<sup>th</sup> Medtronic Prize 歐洲胸腔外科年會最佳口頭報告論文獎(2018)

#### Publication:

1. **Chao YK**, Liu YH, Hsieh MJ, et al: Controlling difficult airway by rigid bronchoscope--an old but effective method. *Interact Cardiovasc Thorac Surg* 2005Jun;4(3):175-9.
2. **Chao YK**, Liu YH, Ko PJ, et al: Treatment of esophageal perforation in a referral center in taiwan. *Surg Today* 2005Oct;35:828-32 (SCI ; IF=1.224 ; surgery 95/167)
3. **Chao YK**, Changchien CR, Hsieh PS, et al: Brain metastases from colorectal cancer: A retrospective study of 39 patients. *J Soc Colon Rectal Surgeon (Taiwan)* 2005Dec;16:135-40.
4. **Chao YK**, Hsieh MJ, Liu YH, et al: Extramedullary Hematopoiesis: A Forgotten Cause of Mediastinum Mass. *Thorac Med* 2006Dec;21(6):529-33.
5. **Chao YK**, Ko PJ, Yeow KM, et al: Video-assisted thoracoscopic surgery for catamenial hemoptysis: the rationale of preoperative computed tomography-guided hook-wire localization. *Surg Laparosc Endosc Percutan Tech* 2006Dec;16(6):437-8. (SCI ; IF=1.227 ; Surgery 113/198)
6. **Chao YK**, Liu YH, Hsieh MJ, et al: Incorporated home-made long endotracheal tube: a useful option for treating mucus plugging following silicone stenting. *Respirology* 2007Sep;12:780-2. (SCI ; IF=1.853 ; Respiratory system 27/43)
7. Hsieh MJ, Liu YH, **Chao YK**, et al: Risk factors in surgical management of thoracic empyema in

- elderly patients. ANZ J Surg 2008;78(6):445-8. (SCI ; IF=1.248 ; Surgery 110/198)
8. **Chao YK**, Chan SC, Chang HK, et al: Salvage surgery after failed chemoradiotherapy in squamous cell carcinoma of the esophagus. Eur J Surg Oncol 2009Mar;35(3):289-94 (SCI ; IF=2.499 ; Surgery 43/198)
  9. **Chao YK**, Chan SC, Liu YH, Chen HW, Wan YL, Chang HK, Fan KH, Liu HP: Pretreatment T3-4 stage is an adverse prognostic factor in patients with esophageal squamous cell carcinoma who achieve pathological complete response following preoperative chemoradiotherapy. Ann Surg 2009Mar;249(3):392-6. (SCI ; IF=8.980 ; Surgery 1/196)
  10. Liu YH, **Chao YK**, Wu YC, et al: Bullae ablation in primary spontaneous pneumothorax. World J Surg 2009May;33(5):938-42. (SCI ; IF=2.362; Surgery 48/198)
  11. Liu YH, Wu YC, Hsieh MJ, **Chao YK**, et al: Extra-long Montgomery T tube in major airway stenosis. J Laryngol Otol 2009Jul;123(7):772-7. (SCI; IF=0.6 ; Otorhinolaryngology 36/41)
  12. Chuang WY, Yeh CJ, Wu YC, **Chao YK**, et al: Tumor cell expression of podoplanin correlates with nodal metastasis in esophageal squamous cell carcinoma. Histol Histopathol 2009Aug;24(8):1021-7 (SCI; IF=2.48;Pathology 29/78)
  13. **Chao YK**, Yeh CJ, Chuang WY, et al: Prognostic significance of immunohistochemically detected lymph node micrometastases in pT0N0 esophageal squamous cell carcinoma. J Surg Oncol 2009Dec;100(7):559-62 (SCI;IF=2.1;Surgery 56/198)
  14. Ko PJ, Liu CY, Wu YC, **Chao YK**, et al: Granulation formation following tracheal stenosis stenting: influence of stent position. Laryngoscope 2009Dec;119:2331-6 (SCI; IF=2.018; Otorhinolaryngology 8/41)
  15. **Chao YK**, Wu YC, Liu YH, et al: Distant nodal metastases from intrathoracic esophageal squamous cell carcinoma: characteristics of long-term survivors after chemoradiotherapy. J Surg Oncol 2010Aug;102(2):158-62 (SCI;IF=2.1;Surgery 56/198)
  16. **Chao YK**, Yeh CJ, Chang HK, et al: Impact of circumferential resection margin distance on locoregional recurrence and survival after chemoradiotherapy in esophageal squamous cell carcinoma. Ann Surg Oncol 2011Feb;18(2):529-34 (SCI; IF=3.655; Surgery 16/199)
  17. Yeh CJ, Chuang WY, **Chao YK**, et al: High expression of phosphorylated 4E-binding protein 1 is an adverse prognostic factor in esophageal squamous cell carcinoma. Virchows Arch 2011Feb;458(2):171-8 (SCI; IF=2.613; Pathology: 25/78)
  18. Hu HC, Liu YH, Wu YC, Hsieh MJ, **Chao YK**, et al: Granulation tissue formation following Dumon airway stenting: the influence of stent diameter. Thorac Cardiovasc Surg 2011Apr;59(3):163-8 (SCI; IF=0.93; surgery 131/199)
  19. **Chao YK**<sup>†</sup>, Wu YC<sup>†</sup>, Yang KJ, et al: Pulmonary perfusion with L-arginine ameliorates post-cardiopulmonary bypass lung injury in a rabbit model. J Surg Res 2011May;167(2):e77-83 (SCI; IF=2.198;Surgery 60/199)
  20. Chen WH, Ko PJ, Liu CY, Wu YC, Hsieh MJ, Chen TP, **Chao YK**, et al: Dumon Y-stent in the Management of Central Airway Disease Involving the Carina. Thoracic Medicine 2011Oct;26(5):252-60
  21. **Chao YK**, Chuang WY, Yeh CJ, et al: Prognostic significance of high podoplanin expression after chemoradiotherapy in esophageal squamous cell carcinoma patients. J Surg Oncol 2012Feb;105(2):183-8 (SCI; IF=3.151; Surgery 26/199)

22. Chen SW, Tsai FC, Tsai FZ, **Chao YK**, et al: Surgical risk and outcome of repair versus replacement for late tricuspid regurgitation in redo operation. *Ann Thorac Surg* 2012Mar;93(3):770-5. (SCI; IF=2.975; Surgery 35/199)
23. **Chao YK**, Chuang WY, Yeh CJ, et al: High phosphorylated 4E-binding protein 1 expression after chemoradiotherapy is a predictor for locoregional recurrence and worse survival in esophageal squamous cell carcinoma patients. *J Surg Oncol* 2012 Mar;105(3):288-92 (SCI; IF=3.151; Surgery 26/199)
24. Chen WH, **Chao YK\***, Chang HK, et al: Long-term outcomes following neoadjuvant chemoradiotherapy in patients with clinical T2N0 esophageal squamous cell carcinoma. *Dis Esophagus* 2012Apr;25(3):250-5 (SCI; IF=2.146; Gastroenterology&Hepatology 52/78)(corresponding author)
25. Ko PJ, Chu Y, Wu YC, Liu CY, Hsieh MJ, Chen TP, **Chao YK**, et al: Feasibility of endoscopic transoral thoracic surgical lung biopsy and pericardial window creation. *J Surg Res* 2012Jun;175(2):207-14 (SCI; IF=2.198; Surgery 60/199)
26. **Chao YK**, Liu HP, Hsieh MJ, et al: Impact of the number of lymph nodes sampled on outcome in ypT0N0 esophageal squamous cell carcinoma patients. *J Surg Oncol* 2012Sep;106(4):436-40 (SCI; IF=3.151; Surgery 29/198)
27. **Chao YK**, Chang HC, Wu YC, et al: Management of lung metastases from colorectal cancer: video-assisted thoracoscopic surgery versus thoracotomy--a case-matched study. *Thorac Cardiovasc Surg* 2012Sep;60(6):398-404 (SCI; IF=0.93; surgery 131/199)
28. **Chao YK\***, Liu HP, Hsieh MJ, et al: Lymph node dissection after chemoradiation in esophageal cancer: a subgroup analysis of patients with and without pathological response. *Ann Surg Oncol* 2012Oct;19(11):3500-5 (SCI; IF=3.655; Surgery 26/199)
29. Liu CY, Chu Y, Wu YC, Hsieh MJ, Chen TP, **Chao YK**, et al: Comparison of hemodynamic and inflammatory changes between transoral and transthoracic thoracoscopic surgery. *PLoS One* 8:e50338, 2013Jan;8(1):e50338 (SCI; IF=3.057; Multidisciplinary Sciences 11/63)
30. Chen YJ, Lee LY, **Chao YK**, et al: DSG3 facilitates cancer cell growth and invasion through the DSG3-plakoglobin-TCF/LEF-Myc/cyclin D1/MMP signaling pathway. *PLoS One* 2013May;8(5):e64088 (SCI; IF=3.057; Multidisciplinary Sciences 11/63)
31. Wang CW, Teng YH, Huang CC, Wu YC, **Chao YK**, et al: Intrapulmonary lymph nodes: computed tomography findings with histopathologic correlations. *Clin Imaging* 2013May;37(3):487-92, (SCI; IF=0.966; Radiology, Nuclear Medicine & Medical Imaging 109/124)
32. **Chao YK**<sup>†</sup>, Liu KS<sup>†</sup>, Wang YC, Huang YL, Liu SJ: Biodegradable cisplatin-eluting Tracheal Stent for malignant airway obstruction: In vivo and in vitro studies. *Chest* 2013Jul;144(1):193-9 (SCI; IF=6.147; Respiratory system 7/59)
33. **Chao YK**, Tseng CK, Wen YW, et al: Using Pretreatment Tumor Depth and Length to Select Esophageal Squamous Cell Carcinoma Patients for Nonoperative Treatment After Neoadjuvant Chemoradiotherapy. *Ann Surg Oncol* 2013Sep;20(9):3000-8 (SCI; IF=3.655; Surgery 16/199)
34. Yang PS, Yeh CS, **Chao YK\***. Boerhaave's syndrome secondary to migration of gastrostomy tube. *Hong Kong Journal of Emergency Medicine* 2013Nov;20(6):400-1 (SCI; IF=0.202; EMERGENCY MEDICINE 25/26) (corresponding author)
35. Chen SH, Chan SC, **Chao YK**, Yen TC. Detection of Synchronous Cancers by Fluorodeoxyglucose

- Positron Emission Tomography/Computed Tomography during Primary Staging Workup for Esophageal Squamous Cell Carcinoma in Taiwan. PLoS One 2013Nov; 8: e82812. ( SCI; IF=2.766; Multidisciplinary Sciences 15/64)
36. Chiu CH, **Chao YK\***, Chang HK, et al: Interval Between Neoadjuvant Chemoradiotherapy and Surgery for Esophageal Squamous Cell Carcinoma: Does Delayed Surgery Impact Outcome? Ann Surg Oncol 2013Dec;20(13):4245-51 (SCI; IF=3.857; Surgery 20/200) (corresponding author)
  37. Wu YC, Yen-Chu, Yeh CJ, Hsieh MJ, Chen TP, **Chao YK**, Wu CY, Yuan HC, Ko PJ, Liu YH, Liu HP. Feasibility of transumbilical surgical lung biopsy and pericardial window creation. Surg Innov. 2014Feb;21(1):15-21 (SCI; IF=1.549; Surgery 116/200)
  38. Huang RW, **Chao YK\***, Wen YW, et al: Predictors of pathological complete response to neoadjuvant chemoradiotherapy for esophageal squamous cell carcinoma. World J Surgical Oncol 2014May;12:170 ( SCI; IF=1.792; Surgery 101/200) (corresponding author)
  39. Yin SY, **Chao YK\***, Tseng CK, et al: Bronchoscopic finding determined outcome after chemoradiotherapy in esophageal cancer patients with airway invasion. J Surg Oncol 2014Jun;109(8):808-11 (SCI; IF=2.886; Surgery 44/200) (corresponding author)
  40. Chuang WY, Yeh CJ, **Chao YK**, et al: Concordant podoplanin expression in cancer-associated fibroblasts and tumor cells is an adverse prognostic factor in esophageal squamous cell carcinoma. Int J Clin Exp Patho 7(8):4847-56, 2014.(SCI; IF=1.396; Pathology 56/79)
  41. **Chao YK**, Kawada K, Kumagai Y, Takubo K, Wang HH: On endocytoscopy and posttherapy pathologic staging in esophageal cancers, and on evidence-based methodology. Ann N Y Acad Sci 1325(1):1-7, 2014.(SCI; IF=4.706; Multidisciplinary Science 8/64)
  42. Chen WH, Huang YL, **Chao YK\***, et al: Prognostic significance of lymphovascular invasion in patients with esophageal squamous cell carcinoma treated with neoadjuvant chemoradiotherapy. Ann Surg Oncol 2015 Jan;22(1):338-43 (SCI; IF=3.857; Surgery 20/200) (corresponding author)
  43. **Chao YK**, Wen YW, Liu KS, Wang YC, Wang CW, Liu SJ: Biodegradable drug-eluting pellets provide steady and sustainable cisplatin release in the intrapleural cavity: In vivo and in vitro studies. Int J Pharm 2015Feb19;484(1-2):38-43 (SCI; IF=3.862; Pharmacology & Pharmacy 46/261)
  44. **Chao YK\***, Yeh CJ, Lee MH, Wen YW, Chang HK, Tseng CK, Liu YH: Factors associated with false-negative endoscopic biopsy results after neoadjuvant chemoradiotherapy in patients with esophageal squamous cell carcinoma. Medicine 2015Feb;94(8):e588 (SCI; IF=2.028; Medicine, General & Internal 56/154) (corresponding author)
  45. **Chao YK**, Liu YH, Hsieh MJ, Wu YC, Chen TP, Lu MS, Lu HI, Liu HP\* : Long-Term Outcomes After Thoracoscopic Resection of Stage I and II Thymoma: A Propensity-Matched Study. Ann Surg Oncol 2015Apr;22(4):1371-6 (SCI; IF=3.857; Surgery 20/200)
  46. Lu HY, Chu Y, Wu YC, Liu CY, Hsieh MJ, **Chao YK**, Wu CY, Yuan HC, Ko PJ, Liu YH, Liu HP. Hemodynamic and inflammatory responses following transumbilical and transthoracic lung wedge resection in a live canine model. Int J Surg 2015 Apr;16(Pt A):116-22 (SCI; IF=2.693; Surgery 54/200)
  47. **Chao YK**, Lee CH, Liu KS, Wang YC, Wang CW, Liu SJ\*: Sustained release of bactericidal concentrations of penicillin in the pleural space via an antibiotic-eluting pigtail catheter coated with

- electrospun nanofibers: results from in vivo and in vitro studies. *International Journal of Nanomedicine* 2015**May**;10:3329-36 (SCI; IF=4.370; *Pharmacology & Pharmacy* 31/261)
48. Chuang WY, Chang YS, **Chao YK**, Yeh CJ, Liu YH, Tseng CK, Chang HK, Wan YL, Hsueh C: High sex determining region Y-box 2 (SOX2) expression correlates with absence of nodal metastasis in esophageal squamous cell carcinoma. *Int J Clin Exp Pathol*. 2015 Aug;8(8):9248-55. (SCI; IF=1.396; *Pathology* 56/79)
  49. **Chao YK**<sup>†\*</sup>, Chang CB<sup>†</sup>, Chuang WY, Wen YW, Chang HK, Tseng CK, Yeh CJ, Liu YH: Correlation Between Tumor Regression Grade and Clinicopathological Parameters in Patients With Squamous Cell Carcinoma of the Esophagus Who Received Neoadjuvant Chemoradiotherapy. *Medicine (Baltimore)*. 2015**Aug**;94(34): e1407 (SCI; IF=2.028; *Medicine, General & Internal* 56/154) (corresponding author)
  50. Liao CT, Fan KH, Kang CJ, Lin CY, Chang JT, Tsang NM, Huang BS, **Chao YK**, Lee LY, Hsueh C, Wang HM, Liao CT, Hsu CL, Hsieh CH, Ng SH, Lin CH, Tsao CK, Fang TJ, Huang SF, Chang KP, Yen TC: Clinical Outcomes of Patients with Resected Oral Cavity Cancer and Simultaneous Second Primary Malignancies. *PLoS One*.2015**Sep**;10(9):e0136918. ( SCI; IF=2.766; *Multidisciplinary Sciences* 15/64)
  51. **Chao YK**, Tsai CY, Chang HK, Tseng CK, Liu YH, Yeh CJ: A Pathological Study of Residual Cancer in the Esophageal Wall Following Neoadjuvant Chemoradiotherapy: Focus on Esophageal Squamous Cell Carcinoma Patients with False Negative Preoperative Endoscopic Biopsies. *Ann Surg Oncol* 2015**Oct**;22(11):3647-52 (SCI; IF=3.857; *Surgery* 20/200)
  52. Chuang WY, Chang YS, **Chao YK**, Yeh CJ, Ueng SH, Chang CY, Liu YH, Tseng CK, Chang HK, Wan YL, Hsueh C: Phosphorylated mTOR expression correlates with podoplanin expression and high tumor grade in esophageal squamous cell carcinoma. *Int J Clin Exp Pathol*. 2015 Oct 1;8(10):12757-65. eCollection 2015. (SCI; IF=1.396; *Pathology* 56/79)
  53. Wu CF, Diego GR, Wen CT, Liu YH, Wu YC, **Chao YK**, Heish MJ, Wu CY, Chen WH: Single-port video-assisted thoracoscopic mediastinal tumour resection. *Interact Cardiovasc Thorac Surg*. 2015**Nov**;21(5):644-9 (SCI; IF=1.756; *CARDIAC & CARDIOVASCULAR SYSTEMS* 81/128)
  54. Wu CF, Gonzalez-Rivas D, Wen CT, Liu YH, Wu YC, **Chao YK**, Hsieh MJ, Wu CY, Chen WH: Comparative Short-Term Clinical Outcomes of Mediastinum Tumor Excision Performed by Conventional VATS and Single-Port VATS: Is It Worthwhile? *Medicine (Baltimore)*. 2015**Nov**;94(45):e1975 (SCI; IF=2.028; *MEDICINE, GENERAL & INTERNAL* 56/154)
  55. Nan YY, Chu Y, Wu YC, Hsieh MJ, Liu CY, **Chao YK**, Wu CY, Liu YH, Liu HP: Subxiphoid video-assisted thoracoscopic surgery versus standard video-assisted thoracoscopic surgery for anatomic pulmonary lobectomy. *J Surg Res*. 2016**Jan**;200(1):324-31. (SCI; IF=2.051; *Surgery* 85/200)
  56. Lee CH, **Chao YK**, Chang SH, Chen WJ, Hung KC, Liu SJ, Juang JH, Chen YT, Wang FS: Nanofibrous rhPDGF-eluting PLGA – collagen hybrid scaffolds enhance healing of diabetic wounds. *RSC Advances*. 2016**Jan**;6:6276–84 (SCI; IF=2.936; *CHEMISTRY, MULTIDISCIPLINARY* 71/171)

57. Chang YL, Tsai YF, **Chao YK**, Wu MY: Quality-of-life measures as predictors of post-esophagectomy survival of patients with esophageal cancer. *Qual Life Res* 2016**Feb**; 25(2):465-75 (SCI; IF=2.392; HEALTH CARE SCIENCES & SERVICES 34/94)
58. Lu YC, Chang JT, Chan EC, **Chao YK**, Yeh TS, Chen JS, Cheng AJ: miR-196, an Emerging Cancer Biomarker for Digestive Tract Cancers. *J Cancer*. 2016 Mar 20;7(6):650-5. (SCI; IF=3.249; Oncology 108/222)
59. Liu HP, Chu Y, Wu YC, Hsieh MJ, Liu CY, Chen TP, **Chao YK**, Wu CY, Yeh CJ, Ko PJ, Liu YH: Electrocautery device does not provide adequate pulmonary vessel sealing in transumbilical anatomic pulmonary lobectomy. *Surg Endosc*. 2016**May**;30(5):1911-9 (SCI; IF=3.117; Surgery 41/200)
60. **Chao YK**, Chen HS, Wang BY, Hsu PK, Liu CC\*, Wu SC: Prognosis of Patients With Pathologic T0 N+ Esophageal Squamous Cell Carcinoma After Chemoradiotherapy and Surgical Resection: Results From a Nationwide Study. *Ann Thorac Surg*. 2016**May**;101(5):1897-902 (SCI; IF=3.700; Surgery 27/197)
61. Wu CF, Hsieh MJ, Liu HP, Gonzalez-Rivas D, Liu YH, Wu YC, **Chao YK**, Wu CY: Management of post-operative pain by placement of an intraoperative intercostal catheter after single port video-assisted thoracoscopic surgery: a propensity-score matched study. *J Thorac Dis*. 2016 **Jun**;8(6);1087-93 (SCI; IF=1.804; Respiratory system 36/59)
62. Hwang JY, Chen HS, Hsu PK, **Chao YK**, Wang BY, Huang CS, Liu CC, Wu SC: A Propensity-matched Analysis Comparing Survival After Esophagectomy Followed by Adjuvant Chemoradiation to Surgery Alone for Esophageal Squamous Cell Carcinoma. *Ann Surg*. 2016**Jul**;264(1):100-6 (SCI; IF=9.203; Surgery 1/200)
63. Su PJ, Wu MH, Wang HM, Lee CL, Huang WK, Wu CE, Chang HK, **Chao YK**, Tseng CK, Chiu TK, Lin NM, Ye SR, Lee JY, Hsieh CH: Circulating Tumour Cells as an Independent Prognostic Factor in Patients with Advanced Oesophageal Squamous Cell Carcinoma Undergoing Chemoradiotherapy. *Sci Rep*. 2016 Aug 17;6:31423. (SCI; IF=4.122; Multidisciplinary Sciences 12/64)
64. Chiu CH, Chen WH, Wen YW, Yeh CJ, **Chao YK\***, Chang HK, Tseng CK, Liu YH: Association between the thoroughness of the histopathological examination and survival in patients with esophageal squamous cell carcinoma who achieve pathological complete response after chemoradiotherapy. *Dis Esophagus* 2016**Aug**;29(6):634-41 (SCI; IF=2.702; Gastroenterology&Hepatology 53/80)(corresponding author)
65. **Chao YK**, Peng TL, Chuang WY, Yeh CJ, Li YL, Lu YC, Cheng AJ: Transketolase Serves a Poor Prognosticator in Esophageal Cancer by Promoting Cell Invasion via Epithelial-Mesenchymal Transition. *J Cancer* 2016**Aug**;7(13):1804-11 (SCI; IF=3.249; Oncology 108/222)
66. CH Chiu, **YK Chao**, YH Liu\*, CT Wen, WH Chen, CY Wu, MJ Hsieh, YC Wu, HP Liu: Clinical use of near-infrared fluorescence imaging with indocyanine green in thoracic surgery: a literature review. *J Thorac Dis*. 2016**Oct**;8(Suppl 9):S744-S748 (SCI; IF=1.804; Respiratory System 46/59)
67. Hsu HY, **Chao YK\***, Hsieh CH, Wen YW, Chang HK, Tseng CK, Liu YH: Postoperative Adjuvant Therapy Improves Survival in Pathologic Nonresponders After Neoadjuvant Chemoradiation for

- Esophageal Squamous Cell Carcinoma: A Propensity-Matched Analysis. *Ann Thorac Surg*. 2016**Nov**;102(5):1687-93 (SCI; IF=3.700; Surgery 27/197) (corresponding author)
68. **Chao YK**, Chang Y, Yeh CJ, Chang HK, Tseng CK, Chuang WY\*: Characterization of residual tumours at the primary site in patients with a near pathological complete response after neoadjuvant chemoradiotherapy for oesophageal cancer. *Br J Surg*. 2016**Dec**;103(13):1874-9 (SCI; IF=5.433; Surgery 8/200)
69. Hsieh MJ, Wang KC, Liu HP, Gonzalez-Rivas D, Wu CY, Liu YH, Wu YC, **Chao YK**, Wu CF. Management of acute postoperative pain with continuous intercostal nerve block after single port video-assisted thoracoscopic anatomic resection. *J Thorac Dis*. 2016**Dec**;8(12):3563-71 (SCI; IF=1.804; Respiratory system 46/59)
70. **Chao YK**, Chen HS, Wang BY, Hsu PK, Liu CC, Wu SC\*: Factors associated with survival in patients with oesophageal cancer who achieve pathological complete response after chemoradiotherapy: a nationwide population-based study. *Eur J Cardiothorac Surg*. 2017**Jan**;51(1):155-9 (SCI; IF=3.504; Surgery 29/200)
71. **Chao YK\***, Chuang WY, Chang HK, Tseng CK, Yeh CJ, Liu YH: Prognosis of patients with esophageal squamous cell carcinoma who achieve major histopathological response after neoadjuvant chemoradiotherapy. *European Journal of Surgical Oncology*. 2017**Jan**;43(1):234-9 (SCI; IF=3.688; Surgery 24/200) (corresponding author)
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