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Education:	M.D., School of Medicine, Yang-Ming Medical College Ph.D., Institute of Clinical Medicine, National Yang-Ming University			
Experience:	Chief, Division of Neuroanesthesia, Department of Anesthesiology, Taipei Veterans General Hospital Professor, School of Medicine, National Yang Ming Chiao Tung University Post-doc, Johns Hopkins Hospital			
Research Interests: (Key words)	Myocardial ischemic reperfusion injury; Cerebral ischemic reperfusion injury; Cervical spine surgery; Neonatal pain			
Selected Publications (in recent 5 yr):	<ol style="list-style-type: none"> Chiang TY, Wang YK, Huang WC, Huang SS, Chu YC* (2022, Oct). Intraoperative hypotension in non-emergency decompression surgery for cervical spondylosis: The role of chronic arterial hypertension. <i>Front Med</i> 9:943596. (SCIE) (corresponding author). Chen A, Chu YC, Lai HY (2022, Sep). Successful management of a broken stylet retained in tracheobronchial tree: a case report. <i>Ann Clin Med Case Rep</i> V9(15):1-4. Teng WC, Chu YC, Tseng JY, Lai HY (2022, Jul). A new protective barrier to reduce the aerosol dispersion in dental clinics during Omicron Covid-19 pandemic. <i>J Chin Med Assoc</i> 85(7):808-809. (SCIE) Li YS, Tan EC, Tsai YJ, Mandell MS, Huang SS, Chiang TY, Huang WC, Chang WK, Chu YC*. (2022, Jun) A tapered cuff tracheal tube decreases the need for cuff pressure adjustment after surgical retraction during anterior cervical spine surgery: a randomized controlled, double-blind trial. <i>Front Med</i> 9:920726. (SCIE) (corresponding author) (TVGH V111C-002) Teng WC, Chu YC, Tseng JY, Lai HY. A new protective barrier to reduce the aerosol dispersion in dental clinics during Omicron Covid-19 pandemic (2022 Jul) <i>J Chin Med Assoc</i> 85(7):808-809. Kuo YM, Lai HY, Tan EC, Li YS, Chiang TY, Huang SS, Huang WC, Chu YC*. (2022, Mar) Cervical spine immobilization does not interfere with nasotracheal intubation performed using GlideScope videolaryngoscopy: a randomized equivalence trial. (accepted) <i>Sci Rep</i> 8;12(1):4041. (SCIE) (corresponding author) (MOST 110-2314-B-075-046-MY2) Huang WC, Tan EC, Huang SS, Chou CJ, Chang WK, Chu YC*. (2022 Feb) Postoperative sore throat helps predict swallowing disturbance on postoperative day 30 of anterior cervical spine surgery: a secondary exploratory analysis of a randomized clinical trial of tracheal intubation modes. <i>Dysphagia</i> 37(1):37-47. (SCIE) (corresponding author) Liu YC, Huang WC, Tan EC, Huang SS, Wang YK, Chu YC*. (2022 Jan) Practice and outcomes of airway management in patients with cervical orthoses. <i>J Formos Med Assoc</i>. 121(1 Pt 1):108-116. (SCIE) (corresponding author) (MOST109-2314-B-075-095-) 			

9. Tsai MJ, Liou DY, **Chu YC**, Chen Y, Huang MC, Huang WC, Cheng H*, Tsai SK*, Huang SS*. **(2021 Mar)** Minocycline exhibits synergism with conditioned medium of bone marrow mesenchymal stem cells against ischemic stroke. *J Tissue Eng Regen Med* 15(3):279-292. **(SCIE)** (MOST 106-2314-B-350-003) (MOST 107-2320-B-040-025)
10. Tsai CF, Su HH, Chen KM, Liao JM, Yao YT, Chen YH, Wang M, **Chu YC***, Wang YH*, Huang SS*. **(2021 Jan)** Paeonol protects against myocardial ischemia/reperfusion-induced injury by mediating apoptosis and autophagy crosstalk. *Front Pharmacol* 21;11:586498. **(SCIE) (co-corresponding author)** (MOST 107-2320-B-040-025)
11. Tan EC, Huang WC, **Chu YC***. **(2020 Aug)** Response: effect of tracheal intubation mode on cuff pressure during retractor splay and dysphonia recovery after anterior cervical spine surgery. *Spine (Phila Pa 1976)* 2020; 45:E1052-E1054. **(SCIE) (corresponding author)**
12. Huang WC, Tan EC, Chang CC, Kuo YH, Hsu XT, Chang WK, Huang SS, Chen PT, **Chu YC***. **(2020 May)** Effect of tracheal intubation mode on cuff pressure during retractor splay and dysphonia recovery after anterior cervical spine surgery. *Spine (Phila Pa 1976)* 45(9): 565-572. **(SCIE) (corresponding author)**
13. Lin YS, Liu KD, Chang C, Yang HZ, Tsou MY, **Chu YC***. **(2020 Feb)** Inhibitory concentration of propofol in combination with dexmedetomidine during microelectrode recording for deep brain stimulator insertion surgeries under general anesthesia. *J Chin Med Assoc* 83(2):188-193. **(SCIE)(corresponding author)** (MOST 105-2314-B-075-0003)
14. Lee MY, Hseu SS, Tsou MY, **Chu YC***. **(2019 Apr)** Near-miss of airway management in a patient with a history of diphtheria: a combination of stenotic glottis and stenotic tracheostoma. *Resuscitation & Intensive Care Medicine* 2019; 4:66-69. **(corresponding author)**
15. Yang CCH, Huang SS, Lai CT, Kuo TBJ, **Chu YC***. **(2017 Jun)** Changes in sleep architecture under sustained pain in adult male rats subjected to neonatal short-lasting local inflammatory insult. *Dev Neurosci.* 39(5):386-398. **(SCIE) (corresponding author)**
16. Su HH, **Chu YC**, Liao JM, Wang YH, Jan MS, Lin CW, Wu CY, Tseng CY, Yen JC, Huang SS*. **(2017 Apr)** *Phellinus linteus* Mycelium alleviates myocardial ischemia-reperfusion injury through autophagic regulation. *Front Pharmacol* 8:175. **(SCIE)** (MOST103-2320-B-040-001-MY3)

Names of Lab members: