

# 臺大醫院醫療體系 2024 年度第一次星月院所交流與學術討論會

時間：2024 年 3 月 24 日(星期日)上午 9 時至 12 時

地點：臺大兒童醫院 B1 講堂(實體會議)

學分申請：內科、外科、家醫科、老醫科、婦產科、兒科、耳鼻喉科、急診醫學科



## 壹、議程

時間	主題	臺大醫院主講者	主持人
09:00-09:15	院方致詞 與星月計畫進度報告	賴逸儒副院長	賴逸儒 副院長
09:15-10:05	到院前緊急救護： 如何串聯社區生命之鏈	臺大醫院急診醫學部 張家銘醫師	
10:05-10:55	心跳停止病人之復甦科學： 最新急救指引及概念介紹	臺大醫院急診醫學部 林皓陽醫師	
10:55-11:45	時間急症之緊急處置 (Time-sensitive medical emergencies)	臺大醫院急診醫學部 鄭若詩醫師	
11:45-12:00	星月院所雙向交流與討論	賴逸儒副院長 分級醫療暨轉銜照護管理中心 副主任 詹其峰醫師 執行秘書 曾家琳醫師 資訊管理組 郭律成醫師 教育訓練組 楊志偉醫師 行政管理組 楊亦平組長	

## 相關醫學會教育積分申請表格

### (一)課程主題摘要內容

<b>主講題目</b>	到院前緊急救護：如何串聯社區生命之鏈
<b>演講時段</b>	2024 年 3 月 24 日(星期日)上午 9:15-10:05
<b>摘要內容</b> (至少 100 字~200 字以內)	<p>你聽過到院前心跳停止(OHCA)嗎？</p> <p>你的工作場所會遇到 OHCA 嗎？</p> <p>你知道台北市一年內,有多少 OHCA 是發生在診所的嗎？</p> <p>若不幸遇到病人 OHCA,你知道該怎麼應對嗎？</p> <p>怎樣才能讓 OHCA 的病人活下來,甚至活跳跳的回到社區呢？</p> <p>基層診所醫師在 OHCA 生命之鏈扮演甚麼角色？</p> <p>基層診所醫師在打 119 的時候,有甚麼注意事項呢？</p>

### (二)講師學歷資料表

<b>講師姓名</b>	張家銘		
<b>最高學歷</b>	學校：國立臺灣大學		
	科系：醫學院	畢業年 度：	2007
	級別：(請勾選) <input type="checkbox"/> 研究所(博士) <input type="checkbox"/> 研究所(碩士) <input checked="" type="checkbox"/> 大學(學士)		
<b>畢業學校</b>	國立臺灣大學	科系：醫學系	畢業年度：2007
		科系：	畢業年度：

### (三)講師經歷資料表

	機構名稱、部門(科別)	職稱	年資
<b>現職</b>	臺大醫學院急診醫學部	院聘主治醫師	2013-迄今
<b>經歷</b>	亞東醫院急診醫學部	主治醫師	2012-2013
	臺大醫院急診醫學部	代訓住院醫師	2008-2012
<b>專長</b>	急診醫學、緊急醫療救護系統		
<b>學術著作</b>	1: Chen YY, Ko PC, Chi CY, <b>Chong KM</b> , Chen YP, Huang CH. Association between independent practice time and patient outcomes in the emergency		

department: a retrospective study of residents in three urban hospitals in Taiwan. *BMC Emerg Med.* 2023 Sep 7;23(1):103. doi: 10.1186/s12873-023-00877-9. PMID: 37679682; PMCID: PMC10483807.

2: **Chong KM**, Yang HW, He HC, Lien WC, Yang MF, Chi CY, Chen YP, Huang CH, Ko PC. The Effectiveness of Online-Only Blended Cardiopulmonary Resuscitation Training: Static-Group Comparison Study. *J Med Internet Res.* 2023 Apr 5;25:e42325. doi: 10.2196/42325. PMID: 37018023; PMCID: PMC10131976.

3: Lien WC, **Chong KM**, Chang CH, Cheng SF, Chang WT, Ma MH, Chen WJ. Impact of Ultrasonography on Chest Compression Fraction and Survival in Patients with Out- of-hospital Cardiac Arrest. *West J Emerg Med.* 2023 Feb 27;24(2):322-330. doi: 10.5811/westjem.2023.1.58796. PMID: 36976608; PMCID: PMC10047717.

4: Wang CH, Lu TC, Tay J, Wu CY, Wu MC, **Chong KM**, Chou EH, Tsai CL, Huang CH, Ma MH, Chen WJ. Association between trajectories of end-tidal carbon dioxide and return of spontaneous circulation among emergency department patients with out- of-hospital cardiac arrest. *Resuscitation.* 2022 Aug;177:28-37. doi: 10.1016/j.resuscitation.2022.06.013. Epub 2022 Jun 21. PMID: 35750286.

5: **Chong KM**, Yang CY, Lin CC, Lien WC. Severe immune thrombocytopenia following COVID-19 vaccination (Moderna) and immune checkpoint inhibitor. *Am J Emerg Med.* 2022 Jun;56:395.e1-395.e3. doi: 10.1016/j.ajem.2022.03.030. Epub 2022 Mar 18. PMID: 35339338; PMCID: PMC8932008.

6: Chi CY, Chen YP, Yang CW, Huang CH, Wang YC, **Chong KM**, Wang HC, Lien WC, Yang MF, Ma MH, Huang CH, Chen ZC, Ko PC. Characteristics, prognostic factors, and chronological trends of out-of-hospital cardiac arrests with shockable rhythms in Taiwan - A 7-year observational study. *J Formos Med Assoc.* 2022 Oct;121(10):1972-1980. doi: 10.1016/j.jfma.2022.01.024. Epub 2022 Feb 23. PMID: 35216883.

7: Lee AF, Chien YC, Lee BC, Yang WS, Wang YC, Lin HY, Huang EP,

**Chong KM**, Sun JT, Huei-Ming M, Hsieh MJ, Chiang WC. Effect of Placement of a Supraglottic Airway Device vs Endotracheal Intubation on Return of Spontaneous Circulation in Adults With Out-of-Hospital Cardiac Arrest in Taipei, Taiwan: A Cluster Randomized Clinical Trial. *JAMA Netw Open*. 2022 Feb 1;5(2):e2148871. doi: 10.1001/jamanetworkopen.2021.48871. PMID: 35179588; PMCID: PMC8857689.

8: Lien WC, Chang CH, **Chong KM**, Wu MC, Wu CY, Wang HP. Clinical utilization of point-of-care ultrasound by junior emergency medicine residents. *Med Ultrason*. 2022 Aug 31;24(3):270-276. doi: 10.11152/mu-3425. Epub 2022 Jan 19. PMID: 35045138.

9: Lin HY, Chien YC, Lee BC, Wu YL, Liu YP, Wang TL, Ko PC, **Chong KM**, Wang HC, Huang EP, Sun JT, Hsieh MJ, Hou SW, Yang WS, Wang YC, Huang CH, Chiang WC, Ma MH; Taipei City Fire Department Quality Assurance Team. Outcomes of out-of-hospital cardiac arrests after a decade of system-wide initiatives optimising community chain of survival in Taipei city. *Resuscitation*. 2022 Mar;172:149-158. doi: 10.1016/j.resuscitation.2021.12.027. Epub 2021 Dec 28. PMID: 34971722.

10: **Chong KM**, Chen JW, Lien WC, Yang MF, Wang HC, Liu SS, Chen YP, Chi CY, Wu MC, Wu CY, Liao EC, Huang EP, He HC, Yang HW, Huang CH, Ko PC. Attitude and behavior toward bystander cardiopulmonary resuscitation during COVID-19 outbreak. *PLoS One*. 2021 Jun 23;16(6):e0252841. doi: 10.1371/journal.pone.0252841. PMID: 34161378; PMCID: PMC8221461.

11: Pei-Chuan Huang E, Chiang WC, Hsieh MJ, Wang HC, Yang CW, Lu TC, Wang CH, **Chong KM**, Lin CH, Kuo CW, Sun JT, Lin JJ, Yang MC, Huei-Ming Ma M. Public knowledge, attitudes and willingness regarding bystander cardiopulmonary resuscitation: A nationwide survey in Taiwan. *J Formos Med Assoc*. 2019 Feb;118(2):572-581. doi: 10.1016/j.jfma.2018.07.018. Epub 2018 Sep 3. PMID: 30190091.

12: Lien WC, Hsu SH, **Chong KM**, Sim SS, Wu MC, Chang WT, Fang CC, Ma MH, Chen SC, Chen WJ. Data on evaluation of proficiency for the US-CAB curriculum. *Data Brief*. 2018 Feb 16;17:965-968. doi:

10.1016/j.dib.2018.02.021. PMID: 29876452; PMCID: PMC5988426.

13: Lien WC, Hsu SH, **Chong KM**, Sim SS, Wu MC, Chang WT, Fang CC, Ma MH, Chen SC, Chen WJ. US-CAB protocol for ultrasonographic evaluation during cardiopulmonary resuscitation: Validation and potential impact. *Resuscitation*. 2018 Jun;127:125-131. doi:

10.1016/j.resuscitation.2018.01.051. Epub 2018 Feb 2. PMID: 29410061.

14: Chiang WC, Hsieh MJ, Chu HL, Chen AY, Wen SY, Yang WS, Chien YC, Wang YC, Lee BC, Wang HC, Huang EP, Yang CW, Sun JT, **Chong KM**, Lin HY, Hsu SH, Chen SY, Ma MH. The Effect of Successful Intubation on Patient Outcomes After Out-of- Hospital Cardiac Arrest in Taipei. *Ann Emerg Med*. 2018 Mar;71(3):387-396.e2. doi: 10.1016/j.annemergmed.2017.08.008. Epub 2017 Sep 28. PMID: 28967516.

15: Lien WC, Liu YP, **Chong KM**, Sim SS, Wu SH, Wu CY, Wu MC, Chang WT. A novel US-CAB protocol for ultrasonographic evaluation during cardiopulmonary resuscitation. *Resuscitation*. 2017 Jun;115:e1-e2. doi: 10.1016/j.resuscitation.2017.03.016. Epub 2017 Mar 24. PMID: 28347686.

16: Chiang WC, Huang YS, Hsu SH, Chang AM, Ko PC, Wang HC, Yang CW, Hsieh MJ, Huang EP, **Chong KM**, Sun JT, Chen SY, Ma MH. Performance of a simplified termination of resuscitation rule for adult traumatic cardiopulmonary arrest in the prehospital setting. *Emerg Med J*. 2017 Jan;34(1):39-45. doi: 10.1136/emermed-2014-204493. Epub 2016 Sep 21. PMID: 27655883.

17: Chiang WC, Chen SY, Ko PC, Hsieh MJ, Wang HC, Huang EP, Yang CW, **Chong KM**, Chen WT, Chen SY, Ma MH. Prehospital intravenous epinephrine may boost survival of patients with traumatic cardiac arrest: a retrospective cohort study. *Scand J Trauma Resusc Emerg Med*. 2015 Nov 19;23:102. doi: 10.1186/s13049-015-0181-4. PMID: 26585517; PMCID: PMC4653851.

18: Chiang WC, Ko PC, Chang AM, Chen WT, Liu SS, Huang YS, Chen SY, Lin CH, Cheng MT, Chong KM, Wang HC, Yang CW, Liao MW, Wang CH,

Chien YC, Lin CH, Liu YP, Lee BC, Chien KL, Lai MS, Ma MH. Bystander-initiated CPR in an Asian metropolitan: does the socioeconomic status matter? *Resuscitation*. 2014 Jan;85(1):53-8. doi: 10.1016/j.resuscitation.2013.07.033. Epub 2013 Sep 19. PMID: 24056397; PMCID: PMC4023511.

19: Chou HC, Chong KM, Sim SS, Ma MH, Liu SH, Chen NC, Wu MC, Fu CM, Wang CH, Lee CC, Lien WC, Chen SC. Real-time tracheal ultrasonography for confirmation of endotracheal tube placement during cardiopulmonary resuscitation. *Resuscitation*. 2013 Dec;84(12):1708-12. doi: 10.1016/j.resuscitation.2013.06.018. Epub 2013 Jul 9. PMID: 23851048.

20: Sim SS, Lien WC, Chou HC, Chong KM, Liu SH, Wang CH, Chen SY, Hsu CY, Yen ZS, Chang WT, Huang CH, Ma MH, Chen SC. Ultrasonographic lung sliding sign in confirming proper endotracheal intubation during emergency intubation. *Resuscitation*. 2012 Mar;83(3):307-12. doi: 10.1016/j.resuscitation.2011.11.010. Epub 2011 Nov 29. PMID: 22138058.

## 相關醫學會教育積分申請表格

### (一)課程主題摘要內容

<b>主講題目</b>	心跳停止病人之復甦科學：最新急救指引及概念介紹
<b>演講時段</b>	2024 年 3 月 24 日(星期日)上午 10:05-10:55
<b>摘要內容</b>	適時的給予心臟停止病心肺復甦術(cardiopulmonary resuscitation, CPR), 可以救活一條人命, 全球許多 CPR 專家, 都在積極尋找更簡單、更有效的 CPR 方法。的現代 CPR 技術, 自 1960 年發明以來, 經歷不斷的演變, 已經愈來愈簡單、好記、又有效。科學的進展與經的累積, 加上實證醫學的驗證, 說明了「生命之鍊」是急救病人成功的不二法門。講者將介紹美國心臟醫學會最新急救指引及復甦科學之進展, 從觀念到務實, 就算遭遇狀況仍可臨危不亂。

### (二)講師學歷資料表

<b>講師姓名</b>	林皓陽		
<b>最高學歷</b>	學校：國立臺灣大學		
	科系：醫學系	畢業年 度：	100
	級別：(請勾選) <input type="checkbox"/> 研究所(博士) <input type="checkbox"/> 研究所(碩士) <input checked="" type="checkbox"/> 大學(學士)		
<b>畢業學校</b>	國立臺灣大學	科系：醫學系	畢業年度：100
		科系：	畢業年度：

### (三)講師經歷資料表

	機構名稱、部門(科別)	職稱	年資
<b>現職</b>	臺大醫學院急診醫學部	院聘主治醫師	2017-迄今
	臺大醫學院急診醫學科	臨床講師	2022-迄今
<b>經歷</b>	臺大醫院急診醫學部雲林分院	代訓住院醫師	2015-2016
	臺大醫學院急診醫學部	住院醫師	2013-2015
<b>專長</b>	急診醫學、社區緊急醫療系統		

學術著作	<b>Outcomes of out-of-hospital cardiac arrests after a decade of system-wide initiatives optimising community chain of survival in Taipei city</b> Resuscitation. 2022 Mar;172:149-158.doi: 10.1016/j.resuscitation.2021.12.027. Epub 2021 Dec 28.
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## 相關醫學會教育積分申請表格

### (一)課程主題摘要內容

<b>主講題目</b>	時間急症之緊急處置(Time-sensitive medical emergencies)
<b>演講時段</b>	2024 年 3 月 24 日(星期日)上午 10:55-11:45
<b>摘要內容</b> (至少 100 字~200 字以內)	時間急症即與時間賽跑的時間急症，指的是在需要即時處置以免影響預後並減少併發症的疾病。四大時間急症包括：心肺停止、急性心肌梗塞、急性腦中風、重大創傷。其他例子包括：呼吸窘迫或呼吸道阻塞、休克等等。優先考慮時間急症非常重要，因為治療上的延遲可能導致不可逆轉的傷害而及時採取行動可以顯著改善病人的預後。有效的急救系統、訓練有素的醫護人員以及公眾對這些急症的徵兆和症狀的認識對確保及時干預至關重要。

### (二)講師學歷資料表

<b>講師姓名</b>	鄭若詩		
<b>最高學歷</b>	學校：中國醫藥大學		
	科系：醫學系	畢業年度：	2013
	級別：(請勾選) <input type="checkbox"/> 研究所(博士) <input type="checkbox"/> 研究所(碩士) <input checked="" type="checkbox"/> 大學(學士)		
<b>畢業學校</b>	中國醫藥大學	科系：醫學系	畢業年度：2013
		科系：	畢業年度：

### (三)講師經歷資料表

	機構名稱、部門(科別)	職稱	年資
<b>現職</b>	臺大醫學院急診醫學部	院聘主治醫師	2018-迄今
<b>經歷</b>	臺大醫學院急診醫學部	住院醫師	2014-2018
<b>專長</b>	急診醫學、復甦醫學、重症加護醫學、災難醫學、創傷重症照護、超音波技術等		
<b>學術著作</b>	1. Joyce Tay, Yi-Hsuan Yen, Kevin Rivera, Eric H Chou, Chih-Hung Wang, Fan-Ya Chou, Jen-Tang Sun, Shih-Tsung Han, Tzu-Ping Tsai, Yen-Chia		

Chen, Toral Bhakta, Chu-Lin Tsai, Tsung-Chien Lu, Matthew Huei-Ming Ma.

Development and External Validation of Clinical Features-based Machine Learning Models for Predicting COVID-19 in the Emergency Department

Western Journal of Emergency Medicine. 2024 Jan;25(1):67-78.

2. Chih-Hung Wang, Tianyu Hwang, Yu-Sen Huang, Joyce Tay, Cheng-Yi Wu, Meng-Che Wu, Holger R Roth, Dong ang, Can Zhao, Weichung Wang, Chien-Hua Huang

Deep Learning-Based Localization and Detection of Malpositioned Endotracheal Tube on Portable Supine Chest Radiographs in Intensive and Emergency Medicine: A Multicenter Retrospective Study

Critical Care Medicine. 2024 Feb 1;52(2):237-247.

3. Chih-Hung Wang, Tzuching Lin, Guanru Chen, Meng-Rui Lee, Joyce Tay, Cheng-Yi Wu, Meng-Che Wu, Holger R Roth, Dong Yang, Can Zhao, Weichung Wang, Chien-Hua Huang

Deep Learning-based Diagnosis and Localization of Pneumothorax on Portable Supine Chest X-ray in Intensive and Emergency Medicine: A Retrospective Study

Journal of Medical Systems. 2023 Dec 4;48(1):1.88

4. Cheng-Yi Wu, Tsung-Chien Lu, Pei-I Su, Chu-Lin Tsai, MD, Joyce Tay, Meng-Che Wu, Yi-Hsuan Yen, Eric H Chou, Chih-Hung Wang, Chien-Hua Huang, and Wen-Jone Chen.

End-tidal Carbon Dioxide + Return of Spontaneous Circulation After Cardiac Arrest (RACA) Score to Predict Outcomes After Out-of-hospital Cardiac Arrest.

Western Journal of Emergency Medicine. 2023 May; 24(3): 605–614.

5. Chien-Hao Lin, Joyce Tay, Chu-Lin Tsai, Wei-Kuo Chou, Ming-Tai Cheng, Cheng-Yi Wu, Hung-Chieh Liu, Shu-Hsien Hsu, Chien-Hsin Lu, Frank Fuh-Yuan Shih, Chih-Hao Lin

Preparation of Medical Supply for Prehospital Emergencies and Disasters: An Internet-Based Simulation Drill.

Journal of Acute Medicine. 2023 Mar 1;13(1):20-35.

6. Chih-Hung Wang , Tsung-Chien Lu , Joyce Tay , Cheng-Yi Wu , Meng-Che Wu, Kah-Meng Chong, Eric H Chou , Chu-Lin Tsai, Chien-Hua Huang , Matthew Huei-Ming Ma , Wen-Jone Chen.

Association between trajectories of end-tidal carbon dioxide and return of spontaneous circulation among emergency department patients with out-of-hospital cardiac arrest.

Resuscitation. 2022 Aug;177:28-37.

7. Meng-Che Wu, Tsung-Chien Lu, Ming-Tai Cheng, Yun-Chang Chen, Edward Che-Wei Liao, Chih-Wei Sung, Joyce Tay, Chia-Hsin Ko, Cheng-Chung Fang, Chien-Hua Huang, Chu-Lin Tsai.

Pain trajectories in the emergency department: Patient characteristics and clinical outcomes

The American Journal of Emergency Medicine. 2022 May;55:111-116.

8. Yu-Lin Hsieh, Joyce Tay, Shu-Hsien Hsu, Wei-Ting Chen, Yao-De Fang, Chiat-Qiao Liew, Eric H Chou, Jon Wolfshohl, James d'Etienne, Chih-Hung Wang, Fon-Yih Tsuang

Early versus Late Surgical Decompression for Traumatic Spinal Cord Injury on Neurological Recovery: A Systematic Review and Meta-Analysis

Journal of Neurotrauma. 2021 Nov 1;38(21):2927-2936.

9. Chien-Hao Lin, Wen-Pin Tseng, Jhong-Lin Wu, Joyce Tay, Ming-Tai Cheng, Hooi-Nee Ong, Hao-Yang Lin, Yi-Ying Chen, Chih-Hsien Wu, Jiun-Wei Chen, Shey-Ying Chen, Chang-Chuan Chan, Chien-Hua Huang, Shyr-Chyr Chen.

A Double Triage and Telemedicine Protocol to Optimize Infection Control in an Emergency Department in Taiwan During the COVID-19 Pandemic: Retrospective Feasibility Study

Journal of Medical Internet Research 23.06.2020 in Vol 22, No 6 (2020): June