

# **SUPPLEMENTAL MATERIAL**

## **Taiwan Stroke Registry Investigators:**

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**Kaohsiung Medical University Chung-Ho Memorial Hospital:** Ruey-Tay Lin (Principal Investigator), Chun-Hung Chen, Gim-Thean Khor, A-Ching Chao, Hsiu-Fen Lin, Poyin Huang

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**Show Chwan Memorial Hospital:** Hsin-Yi Chi (Principal Investigator), Chou-Hsiung Pan, Po-Chi Chan, Min-Hsien Hsu, Wei-Lun Chang, Ya-Ying Wu, Zhi-Zang Huang, Hai-Ming Shoung, Yi-Chen Lo, Fu-Hwa Wang

**Cheng Hsin General Hospital:** Ta-Chang Lai (Principal Investigator), Jiu-Haw Yin, Chung-Jen Wang, Kai-Chen Wang, Li-Mei Chen, Jong-Chyou Denq

**En Chu Kong Hospital:** Yu Sun (Principal Investigator), Chien-Jung Lu, Cheng-Huai Lin, Chieh-Cheng Huang, Chang-Hsiu Liu, Hoi-Fong Chan

**Far Eastern Memorial Hospital:** Siu-Pak Lee (Principal Investigator)

**Kuang Tien General Hospital:** Ming-Hui Sun (Principal Investigator), Li-Ying Ke

**Taichung Veterans General Hospital:** Po-Lin Chen (Principal Investigator), Yu-Shan Lee

**Ditmanson Medical Foundation Chia-Yi Christian Hospital:** Sheng-Feng Sung (Principal Investigator), Cheung-Ter Ong, Chi-Shun Wu, Yung-Chu Hsu, Yu-Hsiang Su, Ling-Chien

Hung

**Tri-Service General Hospital:** Jiunn-Tay Lee (Principal Investigator), Jiann-Chyun Lin, Yaw-Don Hsu, Jong-Chyou Denq, Giia-Sheun Peng, Chang-Hung Hsu, Chun-Chieh Lin, Che-Hung Yen, Chun-An Cheng, Yueh-Feng Sung, Yuan-Liang Chen, Ming-Tung Lien, Chung-Hsing Chou, Chia-Chen Liu, Fu-Chi Yang, Yi-ChungWu, An-Chen Tso, Yu- Hua Lai, Chun-I Chiang, Chia-Kuang Tsai, Meng-Ta Liu, Ying-Che Lin, Yu-Chuan Hsu

**Cathay General Hospital:** Tsuey-Ru Chiang (Principal Investigator), Mei-Ching Lee, Pai-Hao Huang, Sian-King Lie, Pin-Wen Liao, Jen-Tse Chen

**Changhua Christian Hospital:** Mu-Chien Sun (Principal Investigator), Tien-Pao Lai, Wei-Liang Chen, Yen-Chun Chen, Ta-Cheng Chen, Wen-Fu Wang, Kwo-Whei Lee, Chen-Shu Chang, Chien-Hsu Lai, Siao-Ya Shih, Chieh-Sen Chuang, Yen-Yu Chen, Chien-Min Chen

**Taipei Tzuchi Hospital, Buddhist Tzuchi Medical Foundation:** Shinn-Kuang Lin (Principal Investigator), Yu-Chin Su, Cheng-Lun Hsiao, Fu-Yi Yang, Chih-Yang Liu, Han-Lin Chiang, Ser-Chen Fu

**Min Sheng General Hospital:** Chun-Yuan Chang (Principal Investigator), I-sheng Lin, Chung-Hsien Chien, Yang-Chuang Chang

**Lin Shin Hospital:** Ping-Kun Chen (Principal Investigator), Pai-Yi Chiu

**National Taiwan University Hospital Yunlin Branch:** Yu-Jen Hsiao (Principal Investigator), Chen-Wen Fang

**Landseed Hospital:** Yu-Wei Chen (Principal Investigator), Kuo-Ying Lee, Yun-Yu Lin, Chen-Hua Li, Hui-Fen Tsai, Chuan-Fa Hsieh, Chih-Dong Yang, Shiumn-Jen Liaw, How-Chin Liao

**Cheng Ching General Hospital:** Shoou-Jeng Yeh (Principal Investigator), Ling-Li Wu, Liang-Po Hsieh, Yong-Hui Lee, Chung-Wen Chen

**China Medical University Beigang Hospital:** Chih-Shan Hsu (Principal Investigator), Ye-Jian-Jhih, Hao-Yu Zhuang, Yan-Hong Pan, Shin-An Shih

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**Kuang Tien General Hospital Dajia Division:** Shih-Chieh Yu (Principal Investigator)

**Changhua Christian Hospital Yunlin Branch:** Jiunn-Rong Chen (Principal Investigator), Song-Yen Tsai

**Chang Bing Show Chwan Memorial Hospital:** Cheng-Yu Wei (Principal Investigator), Tzu-Hsuan Huang, Chao-Nan Yang, Chao-Hsien Hung, Ian Shih

**Lotung Poh Ai Hospital:** Hung-Pin Tseng (Principal Investigator), Chin-Hsiung Liu, Chun-Liang Lin, Hung-Chih Lin, Pi-Tzu Chen

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**Taipei Veterans General Hospital:** Chang-Ming Chern (Principal Investigator), Chun-Jen Lin,  
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Hui-Chi Huang, Jui-Yao Tsai

**Chi Mei Medical Center, Liouying:** Ming-Hsiu Wu (Principal Investigator), Shi-Cheng Chen,  
Szu-Yi Chiang, Chiung-Yao Wang

**Buddhist Dalin Tzu Chi General Hospital:** Ming-Chin Hsu (Principal Investigator)

**St. MARTIN DE PORRES HOSPITAL:** Chien-Chung Chen (Principal Investigator), Po-Yen  
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**Cardinal Tien Hospital:** Ping-Keung Yip (Principal Investigator), Vinchi Wang, Kaw-Chen  
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**Yumin Medical Corporation Yumin Hospital:** Shey-Lin Wu (Principal Investigator)

**Kaohsiung Municipal Hsiao-kang Hospital:** Ching-Kuan Liu (Principal Investigator)

**Wei Gong Memorial Hospital:** Ryh-Huei Lin (Principal Investigator), Ching-Hua Chu

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**National Taiwan University Hospital Hsin-Chu Branch:** Bak-Sau Yip (Principal Investigator),  
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Tsai

**Taichung Hospital Department of Health:** Yi-Sheng Liao (Principal Investigator)

**Tainan Municipal An-Nan Hospital-China Medical University:** Ming-Jun Tsai (Principal  
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