

**Supplemental Table 1. List of Basis site**

Basis site	Investigator
Beijing Tian Tan Hospital, Capital Medical University	Zhongrong Miao
Beijing Tian Tan Hospital, Capital Medical University	Yilong Wang
The Affiliated Hospital of Qingdao University	Yong Zhang
Nanjing Drum Tower Hospital, The Affiliated Hospital of Nanjing University Medical School	Yun Xu
Henan Provincial People's Hospital	Tianxiao Li
The Second Affiliated Hospital of Guangzhou Medical University	Yunxiang Ji
Beijing Luhe Hospital, Capital Medical University	Xiaokun Geng
The First Hospital of Jilin University	Shouchun Wang
Qilu Hospital of Shandong University	Wei Wu
Hunan Provincial People's Hospital	Xiaoping Gao
The First Affiliated Hospital, Sun Yat-sen University	Jinsheng Zeng
The Affiliated Hospital of Guizhou Medical University	Xin Xiang
Shandong Provincial Hospital	Yifeng Du
General Hospital of The Northern Theater of The Chinese People's Liberation Army	Huisheng Chen
Guangdong Sanjiu Brain Hospital	Peiming Wang
Shenzhen Hospital of Southern Medical University	Yajie Liu
West China Hospital Sichuan University	Hongbo Zheng
Wuhan NO.1 Hospital	Wenhua Liu
The First Affiliated Hospital of Anhui Medical University	Weimin Yang
Jiangxi Provincial People's Hospital	Wenfeng Cao
Liaocheng People's Hospital	Guisheng Jiang
The First Affiliated Hospital of Xi'an Jiaotong University	Jianfeng Han
The First People's Hospital of Changzhou	Ya Peng
Chinese PLA General Hospital	Jun Wang
Beijing Chao-Yang Hospital, Capital Medical University	Yang Wang
The First Affiliated Hospital of Anhui University of CM	Weimin Yang
Beijing Fengtai You Anmen Hospital	Shiyong Zhang
Dongfang Hospital Beijing University of Chinese Medicine	Gesheng Wang

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Basis site	Investigator
Beijing ShunYi Hospital	Liyu Wang
The Second Affiliated Hospital Of NanJing Medical University	Jin Wu
Guangdong Provincial Hospital of Traditional Chinese Medicine	Guifu Li
The Affiliated Hospital of Northwest University	Mingze Chang

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**Supplemental Table 2. Cooperation team of trial and Study Committee**

Cooperation team	Unit or Hospital name	Investigator Name
Sponsor	Beijing Tian Tan Hospital, Capital Medical University	NA
CRO	Beijing Jingchengtong Medicine Technology Co., Ltd.	NA
Statistical analysis	Medical Statistics Office, Peking University First Hospital, Beijing, China	NA
Imaging core lab	China National Clinical Research Center for Neurological Diseases, Tiantan Neuroimaging Center of Excellence	Jing Jing
	China National Clinical Research Center for Neurological Diseases, Tiantan Neuroimaging Center of Excellence	Nan Qi
CEC team	Tangdu Hospital of Air Force Medical University	Zhenwei Zhao
	Beijing Tian Tan Hospital, Capital Medical University	Kehui Dong
	The First Affiliated Hospital of Harbin Medical University	Huaizhang Shi
DSMB	People's Liberation Army Air Force General Hospital	Jin Shi
	Strategic Support Force Specialty Medical Center	Yiling Cai
	China National Clinical Research Center for Neurological Diseases	Yuesong Pan
AE Committee	Beijing Tian Tan Hospital, Capital Medical University	Xuan Sun
	Beijing Tian Tan Hospital, Capital Medical University	Yiming Deng
	Beijing Tian Tan Hospital, Capital Medical University	Ning Ma
Steering Committee	Beijing Tian Tan Hospital, Capital Medical University	Zhongrong Miao
	Beijing Tian Tan Hospital, Capital Medical University	Yilong Wang
	Beijing Tian Tan Hospital, Capital Medical University	Yongjun Wang
	Comprehensive Stroke Center, University of California, Irvine, USA	Wengui Yu
	Beijing Tian Tan Hospital, Capital Medical University	Xingquan Zhao
	Neurovascular Imaging Research Core and Department of Neurology, University of California, USA	David S Liebeskind
	Department of Neurosurgery, Neuropsychiatric Institute, University of Illinois at Chicago, USA	Sepideh Amin-Hanjani