

Supplementary material 2. The details of hospitals participating in this trial

Hospital	Province, City	Location in China	Teaching hospital	Grade of hospital
China-Japan Friendship Hospital	Beijing	North	Yes	Tertiary
Beijing Luhe Hospital, capital medical University	Beijing	North	Yes	Tertiary
Daxing Hospital Affiliated to Capital Medical University	Beijing	North	Yes	Tertiary
Qingdao Municipal Hospital	Shandong	East	Yes	Tertiary
Linzi district People's hospital	Shandong	East	Yes	Tertiary
First Hospital of Shanxi Medical University	Shanxi	North	Yes	Tertiary
Hebei Provincial General Hospital	Hebei	North	Yes	Tertiary
First Affiliated Hospital of Guangxi Medical University	Guangxi	South	Yes	Tertiary
Xiangtan Central Hospital	Hunan	Central	Yes	Tertiary
First Affiliated Hospital of Wenzhou Medical University	Zhejiang	East	Yes	Tertiary

Definition of Secondary and Tertiary hospital in China: The Secondary hospital is defined as a hospital providing medical, prevention, health care and rehabilitation services to multiple communities (with a radius of population more than 100,000 peoples); the Tertiary hospital is defined as a hospital providing medical service to the whole country beyond cities and provinces, with comprehensive medical, teaching and research ability.