



Sisen Zhang

Henan University of Chinese Medicine, China

Biography

Sisen Zhang, doctor of medicine, chief physician, famous emergency medical expert and the first time Chinese medicine outstanding demeanor award winner. He is currently working as, director of the China Central Plains Institute of Cardiopulmonary brain Resuscitation, Vice president of Zhengzhou People's Hospital, Henan Province, China. He has published more than 10 SCI papers and has been serving as an editorial board member and standing member.

2362176700@qq.com

CLINICAL RESEARCH AND APPLICATION OF NEW TECHNIQUE ABOUT ABDOMINAL CARDIOPULMONARY RESUSCITATION

External chest compression cardiopulmonary resuscitation (CPR) is currently the primary treatment for cardiac arrest. After more than 50 years of clinical practice, the return of spontaneous circulation (ROSC) has been improved to a certain extent, but the survival rate of patients discharged from hospital is still not ideal. The reason is that: Some cases have chest compressions contraindication, some are prone to the fracture of the chest ribs during chest compression, and chest compression cannot be combined with artificial circulation and respiration, which seriously affects ROSC rate. In order to improve the ROSC rate of cardiac and respiratory arrest, it is imperative to popularize the abdominal CPR. Professor LX Wang put forward a new theory of abdominal CPR through repeated basic and clinical studies, and invented an abdominal lifting and compression CPR instrument, and the results of clinical application study are of great academic recognition. As the director of phase III clinical trials, Zhengzhou people's Hospital was the first to conduct clinical research in dozens of large hospitals in China. In the past three years, Under the leadership of Professor SS Zhang, the research team in the hospital has rescued more than 100 patients, with a success rate of about 22.5%, and published three international and more than ten Chinese series papers, including the world's first paper on the second district of SCI-JCR, and his project has been approved as a provincial and municipal key scientific research project, and won the first prize of provincial and municipal science and technology progress award; Given the outstanding achievements in abdominal CPR, Professor SS Zhang was approved as a doctoral tutor in emergency and critical medicine at Southern Medical University. With the support of the Chinese government, he established the China Central Plains Institute of Cardiopulmonary brain Resuscitation, which consists 6 specialized laboratories and 6 research branches, including the First Affiliated Hospital of Zhengzhou University and the First Affiliated Hospital of Henan University, which form a clinical research network of abdominal CPR covering the whole province, and also laid a good foundation for the clinical research and application.

