



**Xiaocheng Liu, M.D. Prof.**

Dr. Xiaocheng Liu, cardiovascular surgeon, the president of TEDA International Cardiovascular Hospital (TICH), standing member of Chinese Medical Association, standing member of Chinese Hospital Association, vice president of Asian-Pacific Society for Artificial Organs, AATS member, STS international member, and visiting professor of Tokyo Medical and Dental University.

Dr. Liu practices both adult and pediatric cardiovascular surgeries. He has special interest in VAD, myocardial revascularization and complex congenital heart disease. He took his cardiovascular surgery fellowship in Prince Charles Hospital, Brisbane, Australia. Thereafter, Dr. Liu founded Mudanjiang Cardiovascular Hospital in Heilongjiang Province, China, where he performed the first heart-lung transplant in China. Since 2009, he has led the TICH team to work with the engineers of China Academy of Launch Vehicle Technology to develop the implantable magnetic-hydrodynamic impeller suspension system of the left ventricular assist device, China's first model based on this third-generation technology. The 50 cases clinical trials of the device have been completed successfully, and the device was approved by the State Food and Drug Administration for marketing in July 2022. He also commits to the rescues of orphans and children in poverty suffering from congenital heart disease in China. With the help of charity programs and donations, TICH team has performed more than 15,000 charity cases for children. As a cardiovascular surgeon, Dr. LIU has performed more than 10,000 heart surgeries and still does more than 300 emergency and critical surgeries every year. In addition, many new methods and skills he innovated have been promoted internationally.