Qing Zhou

Renmin Hospital of Wuhan University
Chinese Mainland

Education

1990.9～1995.7 Bachelor of Clinical Medicine, Medical School of Wuhan University
1995.9～1998.7 Master degree, Cardiology, Medical School of Wuhan University
2002.9～2005.6 Doctor degree, Cardiology, Medical School of Wuhan University

Professional Experience

1996-1998 Intern
1998-2000 Residency
2001-2005 Attending, Echo lab
2005-2014 Associate Professor, Echo lab
2015-present Professor, Echo lab
(All above position is in Department of Ultrasound Imaging, Renmin hospital of Wuhan University, Wuhan, China)
2007.8-2008.1 Visiting scholar in Cardiology, Medical School, Yale University.
2012.8-2013.7 Research fellow in Cardiac MR/PET/CT/ program, Division of Cardiology and Department of Radiology, Massachusetts General Hospital

Clinical Skills

-Be skillful in adult echocardiographic diagnosis in coronary artery diseases, hypertension, cardiomyopathy, valvular diseases, and congenital heart diseases, and the evaluation of cardiac systolic and diastolic function.
-Have good experiences of transesophagel echocardiography (TEE) screening during cardiovascular surgery, peri-procedural of adults and children ASD\VSD\PDA occlusion therapy (by catheter or by surgery), along with catheter bases left atrial appendage occlusion.

-Have good knowledge of children congenital heart diseases such as ASD,VSD, PDA, ECD, Tetralogy of Fallot, DORV, single Ventricle (atrium), ECD, left ventricular outflow obstruction, TGA. Know the pathologic anatomy, hemodynamic change, the method of pulmonary pressure evaluation, the valvular insufficiency assessment, and the cardiac function evaluation for pre-surgery strategy decision.

-Equip clinical cardiac CT reading skill and reconstruction knowledge.

-Have rich experiences of big and small animal echo. i) cardiac function detection after acute myocardial infarction in rats, rabbits, monkeys and pigs. ii) Dilated cardiomyopathy model of rabbits and rats. iii) Hypertension model of rats. iv) pulmonary heart disease model of dogs.

-Be good at collection and analysis data by using Tissue Doppler Image, speckle tracking imaging and 3D imaging, for example, evaluating the LV and LA function and volume, the anatomy imaging of ASD or ASD occlusion, mitral stenosis and prolapse.

-Be skillful of using software of MS word, excel, PowerPoint, and SPSS for data analysis.