

Special Issue

Diagnosis and Management of Congenital Heart Disease

Message from the Guest Editors

In patients with congenital heart disease, diagnostic approaches remain the first stage in the appropriate treatment of these patients. The preoperative assessment of congenital heart disease contributes to the application of appropriate treatments. Novel diagnostic approaches such as 3D echocardiography, cardiac computed tomography, 4D magnetic resonance imaging and 3D reconstruction images offer additional information about congenital heart defects. On the other hand, the outcomes after treating patients with congenital heart diseases depend on many factors. Cardiac intensive care units play crucial roles. Complex cardiac invasive procedures and complex cardiac surgery require advanced knowledge. In addition to the use of imaging diagnostic approaches in patients with congenital heart disease, many biomarkers have been proposed for the monitoring and prediction of adverse events before, during and after treatment. The Special Issue focuses on present current knowledge concerning the diagnosis and management of patients with congenital heart defects from the neonatal period to adulthood. We invite you to submit your original research or reviews.

Guest Editors

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