



Management of congenital heart disease

The past couple of decades have been a very exciting time for providers taking care of patients with congenital heart disease. We have made tremendous progress in almost all aspects and facets, ranging from early detection, better understanding of the basis of such defects, single ventricle palliation, cardiopulmonary bypass and heart transplantation. This has led to better survival and such survivors reaching adulthood, giving rise to a new and exploding field of adult congenital heart disease!

This series on the management of congenital heart disease aims to bring to the readers the tremendous advances that have been made in the field. The articles in this series have been contributed by the leaders in this field. The goal is to provide a very contemporary and practical update to various difficult problems and difficult to treat lesions in the field. Cardiopulmonary bypass, often taken for granted in the modern era, can be challenging to understand for the trainee. In comparison to the airline industry, a detailed and elaborate discussion of the whole process has been presented. A select group of difficult lesions have then been exhaustively discussed. The key to successful single ventricle palliation and the current challenges faced with the Fontan population are highlighted, leading to the current tremendous burden of adult congenital heart disease that all countries will face.

The edition ends with an exciting article on 3D printing and how this is changing the learning and training paradigm of congenital heart disease.

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