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Cover Photograph

These figures show the evolution of surgical techniques employed in Norwood Procedure over the years at Birmingham Children’s Hospital, UK. Initially, the aortic arch was reconstructed without additional material and pulmonary blood supply provided by modified Blalock-Taussig shunt (Fig 1A). From April 1999, the aortic arch was reconstructed with additional pulmonary homograft patch and pulmonary blood supply provided by a right ventricle-to-pulmonary conduit. Initially, the conduit was anastomosed to the central pulmonary arteries on the left side of neo-aorta, as described by Sano et al. (Fig 2A). In our current practice, the conduit is directed over the neo-aorta and anastomosed to the pulmonary artery on the right side of aorta (Fig 2B).

Massimo Griselli

Reference