Management and Outcome of Ebstein’s Anomaly in Children

Summary / Zusammenfassung

Ebstein’s anomaly (EA) is a rare congenital heart malformation. Between February 1979 and January 2009, all patients with Ebstein’s Anomaly admitted to the University Childrens Hospital of Zurich (Switzerland), a tertiary referral centre, were included in this study. All records were retrospectively reviewed. Primary outcomes included patient survival and need for intervention, either heart surgery or catheter intervention.

The management of the symptomatic children with EA remains challenging and the optimal intervention has a broad spectrum including operations comprising tricuspid valve repair or replacement, systemic-to pulmonary artery shunts, cavopulmonary shunts or the single ventricle procedure (Fontan physiology), radiofrequency catheter ablations of supraventricular arrhythmias due to preexcitation and/or device closure of interatrial shunts.

Keywords / Suchbegriffe
Congenital heart disease, Ebstein anomaly, management in children

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