

1. Record Nr.	UNINA9910736027003321
Autore	Mahadevan Vaikom S
Titolo	Interventions in Adult Congenital Heart Disease : A Case-Based Approach // edited by Vaikom S. Mahadevan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-030-85408-6
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (361 pages)
Disciplina	616.12043
Soggetti	Cardiology Surgery Interventional radiology Interventional Radiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Principles of Vascular Access, Hemodynamic Measurements and Shunt Calculations -- Cardiac catheterisation in the adult Fontan patient -- SVC and Venous Baffle Stenting -- Closure of Baffle Leaks -- Pulmonary Venous Interventions -- Systemic venous recanalization -- Secundum ASD closure -- Closing Secundum ASD in the Setting of Pulmonary Hypertension - Treat-to-Close ASD -- Catheter Closure Of Superior Sinus Venosus Defects -- PFO Closure -- Closure of Defects in the Muscular Ventricular Septum -- Closure of defects in the perimembranous ventricular septum -- Aortic Valvuloplasty -- Transcatheter Closure Of Communications Between Aorta And Right Atrium -- Native Coarctation Stenting -- Stenting of Aortic Arch and Aortic Recoarctation -- Patent Ductus Arteriosus Closure -- BPAS Stenting -- Transcatheter Pulmonary Valve Implantation in the Native RVOT -- Transcatheter Pulmonary Valve Implantation in RV to PA Conduit Dysfunction -- Pulmonary Valve Implantation with Concomitant Pulmonary Artery Intervention -- Pulmonary valve paravalvular leak closure -- Tricuspid Valve valve in valve in Congenital Heart Disease -- Paravalvular Leak Closure in the Left Heart -- Collateral Occlusion as A Treatment Modality for Hemoptysis -- Occlusion of Systemic Venous – to – Pulmonary Venous Collaterals in

Fontan Circulations -- Transcatheter Closure of Fontan Fenestration -- Coronary Arteriovenous and Coronary to Pulmonary Artery Fistula Closure -- Closure of Pulmonary AV Fistulae -- Coronary Cameral Fistula -- General considerations for catheterisation and interventions in pregnancy -- 3D Modelling in Congenital Cardiac Interventions.

Sommario/riassunto

This book presents a series of illustrative cases to highlight the decision-making process in pursuing an interventional management strategy and the procedural details of performing catheter-based interventions in patients with adult congenital heart disease (ACHD). Each case provides a brief prior history of the patient, summary of current symptoms, pertinent physical examination findings, key imaging findings used to determine the indication for intervention as well as the technical feasibility of a transcatheter intervention. Potential management options and the rationale for why a transcatheter intervention was the optimal management strategy, and post-procedure management strategies are also discussed. Interventions in Adult Congenital Heart Disease: A Case-Based Approach provides a practical guide to successfully implementing a range of cardiac intervention management strategies, and is valuable resource for all cardiology practitioners and trainees seeking an up-to-date resource on the topic. .
