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Titolo	Cardiac catheterization in congenital heart disease [[electronic resource]] : pediatric and adult / / Charles E. Mullins
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Descrizione fisica	1 online resource (944 p.)
Classificazione	44.85
Disciplina	618.92/120754 618.92120754
Soggetti	Cardiac catheterization in children Congenital heart disease in children - Surgery Cardiac catheterization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Organization of a pediatric/congenital cardiac catheterization laboratory -- Medications used in and/or in conjunction with the cardiac catheterization laboratory and patient preparation for cardiac catheterization -- Cardiac catheterization equipment -- Vascular access: needle, wire, sheath/dilator and catheter introduction -- Catheter manipulations -- Special guide and deflector wires and techniques for their use -- Flow directed catheters (floating balloon catheters) -- Transseptal left heart catheterization -- Retrograde arterial cardiac catheterization -- Hemodynamics, data acquisition, interpretation and presentation of data -- Angiography-techniques -- Foreign body retrieval -- Balloon atrial septostomy -- Blade/balloon atrial septostomy, special atrial septostomies, atrial stent septostomy -- Balloon dilation procedures-general -- Pulmonary valve dilation -- Dilation of branch pulmonary artery stenosis -- Dilation of coarctation of the aorta-- native and re/residual coarctation -- Aortic valve dilation -- Mitral valvuloplasty -- Dilation of tricuspid

valve stenosis, systemic vein stenosis and miscellaneous intravascular/intracardiac stenoses -- Intravascular stents in congenital heart disease-general considerations, equipment -- Intravascular stent implant, pulmonary branch stenosis -- Intravascular stents in venous stenosis -- Coarctation of the aorta and miscellaneous arterial stents -- Occlusion of abnormal small vessels, persistent shunts, vascular fistulae including perivalvular leaks -- Transcatheter occlusion of the patent ductus arteriosus (PDA) -- Transcatheter atrial septal defect (ASD) occlusion -- Occlusion of the patent foramen ovale (PFO), atrial baffle fenestrations and miscellaneous intracavitory communications -- Transcatheter closure of ventricular septal defects -- Purposeful perforation of atretic valves, other intravascular structures and recanalization of totally obstructed vessels -- Special innovative or new, therapeutic catheterization procedures and devices -- Endomyocardial biopsy -- Phlebotomy, pericardial and pleural drainage -- Complications of diagnostic and therapeutic cardiac catheterizations.

Sommario/riassunto

The rapidly growing population of adults surviving with congenital heart lesions along with the success of interventional cardiology in the child and adolescent has spawned an incredible interest in adapting the technology for the adult congenital patients. Dr. Mullins, a pioneer in this area, has written an outstanding reference which covers all aspects of performing diagnostic and therapeutic cardiac catheterization procedures on patients of all ages. This illustrated book details the equipment and techniques for performing safe and successful procedures, with a str
