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Autore	Mullins Charles E
Titolo	Cardiac catheterization in congenital heart disease : pediatric and adult // Charles E. Mullins
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ISBN	9786611319946 9781281319944 1281319945 9780470984741 0470984740 9780470986967 0470986964 9780470986950 0470986956
Descrizione fisica	1 online resource (944 p.)
Classificazione	44.85
Disciplina	618.92/120754
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
