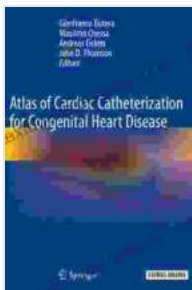


Atlas of Cardiac Catheterization for Congenital Heart Disease: A Comprehensive Guide for Practitioners

Cardiac catheterization is a minimally invasive procedure used to diagnose and treat congenital heart defects. It involves threading a thin tube (catheter) through a blood vessel in the groin or arm and guiding it to the heart. Once in place, the catheter can be used to measure pressures, inject contrast dye to visualize the heart and blood vessels, and perform interventional procedures such as balloon angioplasty or stent placement.



Atlas of Cardiac Catheterization for Congenital Heart Disease by Rodger Broomé

★★★★☆ 4 out of 5

Language : English
File size : 179102 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 758 pages



Types of Congenital Heart Defects

Congenital heart defects are abnormalities in the structure of the heart and blood vessels that are present at birth. They can range from mild to severe and may affect the heart's ability to pump blood effectively. Some of the most common types of congenital heart defects include:

* Atrial septal defect (ASD) * Ventricular septal defect (VSD) * Tetralogy of Fallot * Transposition of the great arteries * Coarctation of the aorta

Cardiac Catheterization for Congenital Heart Disease

Cardiac catheterization is a valuable tool for diagnosing and treating congenital heart defects. It can be used to:

* Confirm the diagnosis of a congenital heart defect * Determine the severity of the defect * Plan for surgery or other treatment * Perform interventional procedures to correct the defect

Atlas of Cardiac Catheterization for Congenital Heart Disease

The Atlas of Cardiac Catheterization for Congenital Heart Disease is a comprehensive guide to this essential procedure. It provides step-by-step instructions for performing cardiac catheterization in patients with congenital heart defects, including:

* Preprocedural planning and patient preparation * Catheter insertion and manipulation * Hemodynamic measurements and interpretation * Contrast injection and fluoroscopic imaging * Interventional procedures

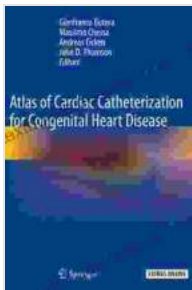
The atlas is illustrated with high-quality images and videos that demonstrate the techniques described in the text. It also includes expert commentary from leading cardiologists who share their insights and experience.

Benefits of Cardiac Catheterization for Congenital Heart Disease

Cardiac catheterization offers several benefits over other diagnostic and treatment methods for congenital heart defects, including:

* Minimally invasive: Cardiac catheterization is less invasive than open-heart surgery, which can reduce the risk of complications and shorten recovery time. * Accurate: Cardiac catheterization provides precise images of the heart and blood vessels, which can help to ensure accurate diagnosis and treatment planning. * Effective: Cardiac catheterization can be used to correct a wide range of congenital heart defects, often without the need for open-heart surgery.

The Atlas of Cardiac Catheterization for Congenital Heart Disease is a valuable resource for practitioners who perform this essential procedure. It provides comprehensive instructions, high-quality images, and expert insights that can help to improve patient outcomes.



Atlas of Cardiac Catheterization for Congenital Heart

Disease by Rodger Broomé

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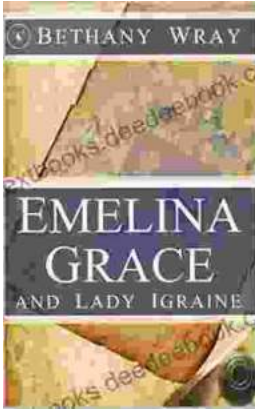
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