

CARDIAC CATHETERIZATION

Definition

Cardiac Catheterization is a special study of the heart and the blood vessels that supply blood to the heart muscle. During a cardiac cath a long thin flexible catheter, is inserted into an artery or vein in the groin or arm. While watching the catheter on x-ray, the catheter is then passed through the artery or vein to the heart. Once the catheter is in place, pressures in the heart are measured. An x-ray angiogram (motion picture x-ray) of the heart and blood vessels is taken. This is done while injecting an iodinated colorless "dye" or contrast material through the catheter. An angiogram of the coronary arteries is obtained by injecting the contrast material into the opening of a coronary artery. X-ray movies are taken during the injection of the contrast material allowing the blood flow through the coronary arteries to be visualized.

Risk & complication

- Allergic reactions to the contrast or medication
- Bleeding
- Heart Attack
- Stroke
- Kidney Damage
- Infection
- Bruising at the puncture site
- Irregular heart rhythms
- Blood Clots
- Damage to the artery wall and where the catheter was inserted
- Damage to the heart tissue

Procedure

Planning Ahead

- You will be scheduled to see the cardiologist before the procedure. The doctor will give you instructions for preparation and review risks involved with the procedure. Please ask questions if you don't understand.
- Inform your doctor of all the medicines you take, including all over the counter medications and vitamin supplements. Inform your doctor if you take any oral medicines or insulin for diabetes. Inform your doctor if you are allergic to iodine or radio contrast ("X-Ray dye").
- A nurse will call you within 2 days before the scheduled procedure to give you specific instructions and to answer any questions.
- You will be given a hospital gown to wear.

Cardiac Cath Lab Policy Protocols Manual

Suresh K. Sharma



Cardiac Cath Lab Policy Protocols Manual:

Cardiac Cath Laboratory Policy & Procedure Manual McN,2008-01-01 **Cardiac Catheterization Handbook** Morton J. Kern,Paul Sorajja,Michael J Lim, MD,2015-08-26 This unique easy to access handbook returns with enhanced coverage and clear instructions on what to expect what to avoid and how to manage complications in the cath lab Ideal for cardiologists who need a quick clinical primer on cardiac catheterization it offers easy access to information on the latest diagnostic and treatment advances necessary for optimal patient care Straightforward easy to understand approach and pocket sized format are ideal for reference on the go Covers vascular closure devices radial artery catheterization congenital heart disease and drug coated carotid and renal stenting Focused update covers treatment protocols for every procedure you ll encounter as well as the latest knowledge and clinical trials regarding recent scientific breakthroughs Highlights the newest catheterization techniques including new generation stents guidance devices and closure devices to ensure you re completely up to date Discusses the management of common patient problems focusing on cautions and outcomes to help you make informed decisions Includes discussions on structural heart disease and new developments in heart valve disease Brand new illustrations 40 in total enhance your visual understanding of the material Detailed videos of Dr Kern demonstrating various procedures in the cath lab are linked within the chapters on Expert Consult which will be regularly updated as new videos are created Expert Consult eBook version included with purchase This enhanced eBook experience allows you to search all of the text figures videos images and references from the book on a variety of devices **Lippincott Manual of Medical - Surgical Nursing Adaptation of Nettina: Lippincott Manual of Nursing** Suresh K. Sharma,2016-01-01 Lippincott Manual of Medical Surgical Nursing Adaptation of Nettina Lippincott Manual of Nursing Practice 10 Suresh K Sharma This book is south Asian adaptation of Nettina Lippincott Manual of Nursing Practice 10 e Customized as per the General Nursing Midwifery curriculum prescribed by Indian nursing council INC It not only provides but establishes authentic content of international standard but also caters to the specific curriculum requirement of nursing student of India **Florida Administrative Register** ,2009-06 **Coronary Care Manual** Peter L. Thompson,1997 A practical concise book on coronary care this text will enable the therapist to manage a patient effectively and safely without needing to access a large reference book It is a working textbook providing sufficient detail on background recent advances and controversial issues but focussing on the practical management of the patient in the coronary or intensive care unit The presentation and style will allow rapid access to information *Miller's Anesthesia E-Book* Ronald D. Miller,Lars I. Eriksson,Lee A Fleisher,Jeanine P. Wiener-Kronish,Neal H Cohen,William L. Young,2014-10-20 From fundamental principles to advanced subspecialty procedures Miller s Anesthesia covers the full scope of contemporary anesthesia practice This go to medical reference book offers masterful guidance on the technical scientific and clinical challenges you face each day in addition to providing the most up to date information available for effective board preparation Consult this title on your favorite e reader conduct

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of coronary heart disease it is essential to assimilate the information found in Part II Physiologic and Pathophysiologic Response Part III covers the assessment of coronary heart disease and addresses many noninvasive and invasive testing procedures currently available In Part IV various disease states and treatments are fully explored Finally Part V provides valuable information regarding the latest concepts in health promotion and disease prevention The straightforward style makes this an easily comprehensible text for both the experienced and novice nurse caring for patients who have or are at risk for developing cardiac disease A Brandon Hill Recommended Title **Health planning reports subject index** United States. Health Resources Administration,1979 **Manual of Clinical Microbiology** Patrick R. Murray,1995 For the past 28 years the Manual of Clinical Microbiology has been recognized as the benchmark for excellence among microbiology books The sixth edition of this book once again provides the definitive reference work for running an effective state of the art diagnostic laboratory presenting a more direct approach to organizing information with thorough but concise treatments of all the major areas of microbiology including new microbial discoveries changing diagnostic methods and emerging therapeutic challenges facing clinicians Increased emphasis has been given to infection control and the role of molecular diagnostic procedures and it contains the very latest and authoritative work on phylogenetic and nomenclatural changes so important in all areas of clinical microbiology The authors many of them new in this edition are all acknowledged experts in their fields and write with accuracy and authority on the latest and most significant discoveries in bacteriology mycology virology parasitology and susceptibility testing The New Jersey Register ,1991 Sabiston and Spencer Surgery of the Chest, E-Book Frank W. Sellke,Pedro J. del Nido,Scott J. Swanson,2023-09-27 Selected for Doody's Core Titles 2024 in Thoracic Surgery The only text to cover the full range of adult cardiac thoracic and pediatric chest surgery Sabiston and Spencer Surgery of the Chest 10th edition provides unparalleled guidance in a single two volume resource This gold standard reference edited by Drs Frank Sellke Pedro del Nido and Scott Swanson covers today's most important knowledge and techniques in cardiac and thoracic surgery the information you need for specialty board review and for day to day surgical practice Meticulously organized so that you can quickly find expert information on open and endoscopic surgical techniques this 10th Edition is an essential resource not only for all cardiothoracic surgeons but also for physicians residents and students concerned with diseases of the chest Features short focused chapters divided into three major sections Adult Cardiac Surgery Pediatric Cardiac Surgery and Thoracic Surgery Presents the knowledge and expertise of global experts who provide a comprehensive view of the entire specialty Provides full color coverage throughout helping you visualize challenging surgical techniques and procedures and navigate the text efficiently Includes new chapters on dissection complications and percutaneous treatment of mitral and tricuspid valve disease Offers extensively revised or rewritten chapters on surgical revascularization acute dissection vascular physiology the latest innovations in minimally invasive cardiothoracic surgery and percutaneous devices the molecular biology of thoracic malignancy robotics in chest surgery

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