



Ablation par cathéter

<https://libcat.nshealth.ca/en/permalink/chpams36477>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. QEII. Cardiology 6.2

Alternate Title: Catheter ablation

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2018

Format: Pamphlet

Language: French

Physical Description: 1 electronic document (17 p.) : digital, PDF file

Subjects (MeSH): Catheter Ablation
Arrhythmias, Cardiac

Subjects (LCSH): Catheter ablation
Arrhythmia--Treatment

Specialty: Cardiovascular System

Abstract: La présente brochure décrit à quoi vous attendre avant, durant et après votre ablation par cathéter. Elle explique l'ablation par cathéter, le fonctionnement du cœur et la préparation pour l'intervention. On y traite de ce qui se passe à l'admission, au laboratoire d'électrophysiologie (EP) et après l'ablation. On fournit aussi des réponses aux questions courantes. Enfin, la présente brochure explique quoi faire en cas de saignement au point d'insertion et précise quand communiquer avec votre médecin de famille ou vous rendre au service des urgences le plus près.

This pamphlet is a French translation of "Catheter Ablation" pamphlet 0636. This pamphlet describes what to expect before, during, and after catheter ablation. This pamphlet explains catheter ablation, how the heart works, and how to get ready for the procedure. The pamphlet outlines what will happen during hospital admission, in the EP lab, and after the ablation. Answers to common questions you may have are provided. Finally, the pamphlet explains what to do if you start to bleed at the puncture site(s), and when you should contact your family doctor or go to the nearest Emergency Department.

Responsibility: Prepared by: Cardiology 6.2 Staff

Pamphlet Number: 1914

Anatomic basis of echocardiographic diagnosis

<https://libcat.nshealth.ca/en/permalink/provcat30384>

Available Online: View e-Book

Author: Chan, Kwan-Leung

Other Authors: Veinot, John P

Responsibility: by Kwan-Leung Chan, John P. Veinot

Place of Publication: London

Publisher: Springer-Verlag

Date of Publication: c2011

ISBN: 9781849963879

Subjects (MeSH): Cardiovascular System - anatomy & histology
Cardiovascular Diseases - diagnostic imaging
Echocardiography - methods
Ultrasonography

Subjects (LCSH): Diagnosis, Ultrasonic
Cardiology

Format: e-Book

Location: Online



Angioplastie des artères de jambe (intervention par ballonnet)

<https://libcat.nshealth.ca/en/permalink/chpams35851>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. Central Zone. Vascular Surgery

Alternate Title: Angioplasty of the legs (balloon procedure)

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2016

Format: Pamphlet

Language: French

Physical Description: 1 electronic document (6 p.) : digital, PDF file

Subjects (MeSH): Angioplasty, Balloon

Subjects (LCSH): Transluminal angioplasty

Specialty: Cardiovascular System

Abstract: L'angioplastie des artères de jambe est effectuée pour ouvrir des artères bloquées dans les jambes. Elle peut être effectuée pour retarder ou vous éviter un pontage (chirurgie aidant le sang à contourner un blocage). Le présent dépliant explique quand une angioplastie est effectuée, les étapes de l'intervention, ce qu'est une endoprothèse (un « stent »), les risques de l'angioplastie, les façons de s'y préparer et le rétablissement après l'intervention.

This pamphlet is a French translation of "Angioplasty of the Legs (Balloon Procedure)" pamphlet 1296. Angioplasty of the legs is done to open blocked arteries in the leg. It may be done to delay or stop you from having bypass surgery (surgery to help blood get around a blockage). This pamphlet explains: when angioplasty is done, steps of the procedure, what a stent is, risks, how to prepare for surgery and what recovery will be like after surgery.

Responsibility: Prepared by: Bonnie Heckel CNS, Vascular Surgery & Jackie Frew CNE, Central Zone

Pamphlet Number: 1791



Angioplasty of the legs (balloon procedure)

<https://libcat.nshealth.ca/en/permalink/chpams35184>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. Central Zone. Vascular Surgery

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2022

Format: Pamphlet

Language: English

Physical Description: 1 electronic document (6 p.) : digital, PDF file

Subjects (MeSH): Angioplasty, Balloon

Subjects (LCSH): Transluminal angioplasty

Specialty: Cardiovascular system

Abstract: Angioplasty of the leg (also called a balloon procedure) is a procedure done to open narrowed arteries in your leg. It may be done to slow or stop you from having bypass surgery (surgery to help blood get past a blockage). This pamphlet explains: why you need this procedure, steps of the procedure, what a stent is, risks, how to prepare for surgery, and what recovery will be like after surgery. The French version of this pamphlet 1791, "Angioplastie des artères de jambe (intervention par ballonnet)", is also available.

Responsibility: Prepared by: Vascular Surgery, Central Zone

Pamphlet Number: 1296



Anévrisme de l'aorte abdominale

<https://libcat.nshealth.ca/en/permalink/chpams36685>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. QEII. Vascular Surgery

Alternate Title: Abdominal aneurysm

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2019

Format: Pamphlet

Language: French

Physical Description: 1 electronic document (4 p.) : digital, PDF file

Subjects (MeSH): Aortic Aneurysm, Abdominal
Cardiovascular diseases

Subjects (LCSH): Abdominal aneurysm
Abdominal aorta

Specialty: Cardiovascular System

Abstract: Un anévrisme est un vaisseau sanguin dans une artère qui est plus gros que la normale. Quand il se trouve dans l'artère principale de l'abdomen, on parle d'anévrisme de l'aorte abdominale. Cette brochure explique pourquoi un anévrisme se forme, qui sont les personnes à risque, ce qu'il peut entraîner et la façon dont il est diagnostiqué et traité.

This is a French translation of the English pamphlet 0591, "Abdominal Aneurysm". An aneurysm is a blood vessel in an artery that is bigger than normal. When it is located in the main artery of the abdomen, it is called an abdominal aneurysm. This pamphlet explains why an aneurysm happens, who is at risk, what it can do to you, and how an aneurysm is diagnosed and treated.

Responsibility: Prepared by: Vascular Surgery, QEII

Pamphlet Number: 2079



Arrhythmogenic right ventricular cardiomyopathy (ARVC) : Inherited Heart Disease (IHD) Clinic

<https://libcat.nshealth.ca/en/permalink/chpams34670>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. QEII. Inherited Heart Disease Clinic

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2020

Format: Pamphlet

Language: English

Physical Description: 1 electronic document ([6] p.) : digital, PDF file

Subjects (MeSH): Cardiovascular disorders
Cardiomyopathy

Subjects (LCSH): Heart--Abnormalities--Patients
Heart--Diseases

Specialty: Cardiovascular system

Abstract: In arrhythmogenic right ventricular cardiomyopathy (ARVC), the heart muscle is replaced by fat and scar tissue. This can make it harder for the heart to pump blood out to the body. ARVC usually affects the right side of the heart. The fat and scar tissue causes the right side of the heart to stretch. In very bad cases, a weak heart may cause fluid to build up outside of the heart, in the lungs (causing shortness of breath), or the ankles or belly (causing swelling). ARVC also affects the electrical activity of the heart and can cause fast, dangerous heart rhythms. The pamphlet gives the most common cause (inherited) of ARVC, symptoms, diagnostic procedures, and treatment (medications, a special pacemaker called an internal cardioverter defibrillator, and rarely a heart transplant). Websites for further information are also noted.

Responsibility: Prepared by: Inherited Heart Disease Clinic, QEII, Halifax

Pamphlet Number: 0630



Atlas of CT angiography : normal and pathologic findings

<https://libcat.nshealth.ca/en/permalink/provcat33611>

- Available Online: View e-Book
- Author: Miclaus, Gratian Dragoslav
- Other Authors: Ples, Horia
- Responsibility: Gratian Dragoslav Miclaus, Horia Ples
- Place of Publication: Cham, Switzerland
- Publisher: Springer
- Date of Publication: c2014
- Physical Description: 1 online resource (xi, 198 pages)
- ISBN: 9783319052847 (electronic bk.)
3319052845 (electronic bk.)
3319052837 (print)
9783319052830 (print)
- Subjects (MeSH): Angiography - Atlases
Cardiovascular Physiological Phenomena - Atlases
Cardiovascular System - pathology - Atlases
Tomography, X-Ray Computed - Atlases
- Subjects (LCSH): Angiography - Atlases
Tomography - Atlases
Angiography - Digital techniques
Cardiology
Neurology
- Abstract: This atlas presents normal and pathologic findings observed on CT angiography with 3D reconstruction in a diverse range of clinical applications, including the imaging of cerebral, carotid, thoracic, coronary, abdominal, and peripheral vessels. The superb illustrations display the excellent anatomic detail obtained with CT angiography and depict the precise location of affected structures and lesion severity. Careful comparisons between normal imaging features and pathologic appearances will assist the reader in image interpretation and treatment planning, and the described cases include some very rare pathologies. In addition, the technical principles of the modality are clearly explained and guidance provided on imaging protocols. This atlas will be of value both to those in training and to more experienced practitioners within not only radiology but also cardiovascular surgery, neurosurgery, cardiology, and neurology.
- Contents: Cerebral Angiography – Carotid Angiography – Thoracic Angiography – Coronary Angiography – Abdominal Angiography – Peripheral Angiography.
- Format: e-Book
- Location: Online

Atlas of CT Angiography : Normal and Pathologic Findings



<https://libcat.nshealth.ca/en/permalink/provcat44379>

Available Online: View e-Book

Author: Miclaus, Gratian Dragoslav

Other Authors: Ples, Horia

Responsibility: Gratian Dragoslav Miclaus, Horia Ples

Edition: Second edition

Place of Publication: Cham

Publisher: Springer

Date of Publication: c2019

Physical Description: 1 online resource (xvi, 455 p.) : 559 illus., 397 illus. in color

ISBN: 9783030160951
9783030160944 (Print ed.)
9783030160968 (Print ed.)
9783030160975 (Print ed.)

Subjects (MeSH): Angiography
Cardiovascular Diseases - diagnostic imaging
Cardiovascular Physiological Phenomena
Cardiovascular System - diagnostic imaging
Cardiovascular System - pathology
Radiography
Tomography, X-Ray Computed

Specialty: Cardiology
Diagnostic Imaging

Abstract: The second edition of this atlas presents a wealth of normal and pathologic findings observed on CT angiography with 3D reconstruction in diverse clinical applications, including the imaging of cerebral, carotid, thoracic, coronary, abdominal, and peripheral vessels. The superb illustrations display the excellent anatomic detail obtained with CT angiography and depict the precise location of affected structures and lesion severity. Careful comparisons between normal imaging features and pathologic appearances will assist the reader in image interpretation and treatment planning, and the described cases include some very rare pathologies. In addition, the technical principles of the modality are clearly explained and guidance provided on imaging protocols. This edition is the outcome of 18 years of work by a renowned radiological team whose research focuses specifically on vascular pathology of the whole body and the role of CT angiography in its assessment. Numerous new images are presented and three additional chapters address cerebral arteriovenous malformations, congenital cardiac malformations in children and CT venography. The atlas will be invaluable for radiologists, neurologists, neurosurgeons, cardiologists, cardiovascular surgeons, and medical students.

Contents: 1. Cerebral Angiography – 2. Cerebral Arteriovenous Malformation – 3. Carotid Angiography – 4. Thoracic – 5. Coronary Angiography – 6. Abdominal Angiography – 7. Peripheral Angiography – 8. Congenital Cardiac Malformations in Children - 9. CT Phlebography of the Lower Limb with Antegrade Injection of the Contrast Media.

Format: e-Book

Publication Type: Atlas

Location: Online



Atlas of human cardiac anatomy

<https://libcat.nshealth.ca/en/permalink/provcat35114>

Available Online: View Database

Corporate Author: University of Minnesota

Subjects (MeSH): Cardiovascular System - anatomy & histology
Heart - anatomy & histology

Format: Database

Publication Type: Atlas

Location: Online



Avant et après une cardioversion

<https://libcat.nshealth.ca/en/permalink/chpams35776>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. Central Zone. Cardiology

Alternate Title: Before and after your cardioversion

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2016

Format: Pamphlet

Language: French

Physical Description: 1 electronic document (9 p.) : digital, PDF file

Subjects (MeSH): Electric Countershock

Subjects (LCSH): Electric countershock

Specialty: Cardiovascular System

Abstract: La cardioversion est utilisée pour traiter les problèmes de rythme cardiaque. Durant une cardioversion, une décharge électrique est donnée à votre cœur. Le présent livret traite de la préparation à l'intervention, de la manière dont elle est faite et de la récupération. Pour vous rendre plus à l'aise, détendu et somnolent, un médicament vous sera administré avant l'intervention. Celui-ci restera dans votre corps durant 24 heures. Pendant ce temps, vous ne pouvez pas conduire, signer des documents juridiques ou boire de l'alcool.

This is a French translation of the English pamphlet 0393, "Before and After Your Cardioversion". Cardioversion is used to treat heart rhythm problems. During a cardioversion, an electrical shock is given to your heart. Getting ready for the procedure, how the procedure is done, and recovery are outlined. Before the procedure, you will be given a medicine to make you comfortable, relaxed, and sleepy. It will be in your body for 24 hours. During this time, you should not drive, sign legal documents, or drink any alcohol.

Responsibility: Prepared by: Cardiology

Pamphlet Number: 1726



Before and after your cardioversion - Halifax Infirmary

<https://libcat.nshealth.ca/en/permalink/chpams34192>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. Cardiology

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2022

Format: Pamphlet

Language: English

Physical Description: 1 electronic document (10 p.) : digital, PDF file

Subjects (MeSH): Electric Countershock
Heart

Subjects (LCSH): Electric countershock
Heart

Specialty: Cardiovascular system

Abstract: Cardioversion is used to treat heart rhythm problems. During a cardioversion, an electrical shock is given to your heart. Getting ready for the procedure, how the procedure is done, and recovery are outlined. Before the procedure, you will be given medication to make you comfortable, relaxed, and sleepy. It will be in your body for 24 hours. It includes a list of things to avoid for 24 hours after your procedure. The French version of this pamphlet 1726, "Avant et après une cardioversion", is also available.

Notes: Previous title: Before and After Your Cardioversion

Responsibility: Prepared by: Cardiology

Pamphlet Number: 0393



Blood pressure and arterial wall mechanics in cardiovascular diseases

<https://libcat.nshealth.ca/en/permalink/provcat33886>

Available Online: View e-Book

Other Authors: Safar, Michel
O'Rourke, Michael F.
Frohlich, Edward D.

Responsibility: Michel E. Safar, Michael F. O'Rourke, Edward D. Frohlich, editors

Place of Publication: London

Publisher: Springer

Date of Publication: c2014

Physical Description: 1 online resource (xx, 567 pages)

ISBN: 9781447151982 (electronic bk.)
9781447151975

Subjects (MeSH): Blood Pressure
Vascular Stiffness - physiology

Subjects (LCSH):	<p>Cardiology</p> <p>Cardiovascular system - Diseases</p> <p>Blood pressure</p> <p>Arteries - Physiology</p>
Abstract:	<p>In cardiovascular prevention, there has traditionally been a small number of cardiovascular risk factors to evaluate and manage, such as hypertension, diabetes, hyperlipidemia and smoking. Recently, it has been recognized that new mechanical factors should be identified, and specifically involves pulsatile arterial hemodynamic parameters, such as arterial stiffness, pulse pressure and, to a lesser extent, augmentation index and pulse pressure amplification. Blood Pressure and Arterial Wall Mechanics in Cardiovascular Diseases has been written to facilitate understanding of these new concepts regarding blood pressure and cardiac risk, and prepare the reader for the considerable evolution of the topic in the years to come. Much has been learned already regarding the management of these patients, and this book presents extensive data on the techniques needed to maximize their outcomes.</p>
Contents:	<p>Part I. Blood Pressure: Basic Concepts of Steady and Pulsatile Arterial Hemodynamics – 1. Arterial Stiffness, Wave Reflection, Wave Amplification: Basic Concepts, Principles of Measurement and Analysis in Humans – 2. Large Arteries, Microcirculation, and Mechanisms of Hypertension – 3. Direct Measurement of Local Arterial Stiffness and Pulse Pressure – 4. Ventricular-Arterial Coupling and Mechanism of Wave Reflections – 5. Determination of Systemic and Regional Arterial Structure and Function – 6. Animal Models for Studies of Arterial Stiffness – 7. Elastin, Calcium and Age-Related Stiffening of the Arterial Wall – 8. Genetic and Cellular Aspects of Arterial Stiffness – Part II. Blood Pressure and Sodium Balance: Pathophysiological Mechanisms and Cardiovascular Risk – 9. Mechanical Stress and the Arterial Wall – 10. Pulsatile Stress, Arterial Stiffness, and Endothelial Function – 11. Hypoxia, Arterial Blood Pressure, and Microcirculation – 12. The Reality of Aging Viewed from the Arterial Wall – 13. Emerging Aspects of Angiotensin Biology and Their Potential Role in the Vasculature – 14. Arterial Stiffness and the Sympathetic Nervous System – 15. Oxidative Stress and Hypertension – 16. Heart Failure with Preserved Ejection Fraction – 17. Structural Alterations in Arterial Stiffness: Role of Arterial Fibrosis – 18. Salt and Multiorgan Damage in Hypertension: Vascular Stiffening and Cardiorenal Structural Dysfunction Responses – 19. Preventive Lessons from Hypertension and Myocardial Infarction: Treating Asymptomatic Individuals to Lower the Risk for Subsequent Cardiovascular Events – Part III. Hypertension: Evaluation of Cardiovascular Risk and Organ Damage – 20. Value of Brachial and Central Blood Pressure for Predicting Cardiovascular Events – 21. Predictive Value of Arterial Stiffness for Cardiovascular Events – 22. Heart Rate, Synchrony and Arterial Hemodynamics – 23. Pulse Pressure Amplification and Arterial Stiffness in Middle Age – 24. Arterial Stiffness, Central Blood Pressure and Cardiac Remodelling: From Cardiac Hypertrophy to Heart Failure – 25. The Relationship Between Aortic Stiffness, Microvascular Disease in the Brain and Cognitive Decline: Insights into the Emerging Epidemic of Alzheimer's Disease – 26. Arterial Stiffness and Risk in Various Cardiovascular Diseases – 27. Large Artery Remodeling and Chronic Kidney Disease – 28. Arterial Changes in Renal Transplantation – 29. Arterial Stiffness, Central Blood Pressure and Coronary Heart Disease – Part IV. Clinical Involvement:</p>

Role of Age, Sex, Inflammatory and Metabolic Alterations – 30. Modifications of Blood Pressure Profiles in the Very Old: Role of Frailty and Comorbidities – 31. Arterial Stiffness and Amplification in the Very Old – 32. Hypertension in Men and Women: Is It Different? – 33. Obesity, Metabolic Syndrome, Diabetes and Smoking – 34. Glucose, Insulin and Potential Strategies of Vascular Stiffening – 35. Arterial Stiffness in Chronic Inflammation – Part V. Stratifications of Cardiovascular Risk and Therapeutic Consequences on Arterial Stiffness and Wave Reflections – 36. Outcome-Driven Thresholds for Pulse Pressure on Office and Out-of-the-Office Blood Pressure Measurement – 37. Properties of Central Arteries in Populations of Different Ethnicity: Ethnicity and Central Arteries – 38. Changing Concepts on the Role of Blood Pressure Reduction in Stroke Prevention with the Focus on β -Blocking Agents – 39. Decreasing Arterial Stiffness and/or Wave Reflections Independently of Mean Arterial Pressure: Effect of Antihypertensive Drugs (Part 1) – 40. Decreasing Arterial Stiffness and/or Wave Reflections Independently of Mean Arterial Pressure: Effect of Non-antihypertensive Drugs (Part 2) – 41. Blood Pressure Variability: Measurements, Influential Factors, Prognosis and Therapy – 42. Nitrate: The Ideal Drug Action for Isolated Systolic Hypertension in Elderly? – 43. De-stiffening Strategy, Sodium Balance, and Blockade of the Renin–Angiotensin System – 44. Long-Term Effects of Calcium Channel Blockers on Central and Peripheral Arteries - - 45. Exercise Training for the Modification of Arterial Stiffness and Wave Reflections.

Format: e-Book
Location: Online



Brugada syndrome : Inherited Heart Disease (IHD) Clinic

<https://libcat.nshealth.ca/en/permalink/chpams35823>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. QEII. Inherited Heart Disease Clinic

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2020

Format: Pamphlet

Language: English

Physical Description: 1 electronic document ([6] p.) : digital, PDF file

Subjects (MeSH): Heart Defects, Congenital
Brugada Syndrome

Subjects (LCSH): Brugada syndrome
Congenital heart disease

Specialty: Cardiovascular System

Abstract: Brugada syndrome is a rare condition where there are changes in the electrical signals that make the heart beat. In Brugada syndrome, the channels in the heart cells do not work properly. The abnormal opening and closing of the channels can lead to dangerous heart rhythms. The heart may beat so fast that it cannot pump blood out to the body. This can cause collapse and, if the rhythm does not stop, sudden death. The pamphlet provides the causes, symptoms, diagnostic tests, treatments and some general activity guidelines. Websites for further information are also listed.

Responsibility: Prepared by: Inherited Heart Disease Clinic, QEII, Halifax

Pamphlet Number: 1773



Cardiac catheterization (dye test)

<https://libcat.nshealth.ca/en/permalink/chpams34441>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. QEII. Cardiology Services

Alternate Title: Dye test

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2021

Format: Pamphlet

Language: English

Physical Description: 1 electronic document (17 p.) : digital, PDF file

Subjects (MeSH): Cardiac Catheterization
Heart Function Tests

Subjects (LCSH): Cardiac catheterization
Heart function tests

Specialty: Cardiovascular System

Abstract: This pamphlet will help you learn about having a cardiac catheterization (dye test) and what to expect after going home. This test shows the arteries that supply your heart muscle with oxygen, and how well your heart muscle and valves are working. This pamphlet describes how the test is done, getting ready for the test, and what will happen on the day of the test. What to expect if the test is done through your groin or wrist is explained. Information on what to expect after the test includes: when you can eat, medications, when you can take off the dressing, when you can have a bath, when you can go home, and when you can drive. What to do if you have bleeding and when to seek medical attention is explained. The French version of this pamphlet 1120, "Cathétérisme Cardiaque (test avec colorant)", is also available.

Responsibility: Prepared by: Cardiology Services, QEII

Pamphlet Number: 0718



Cardiac CT

<https://libcat.nshealth.ca/en/permalink/provcat33260>

Available Online: View e-Book

Author: Dewey, Marc

Responsibility: Marc Dewey

Edition: Second edition

Place of Publication: Berlin

Publisher: Springer

Date of Publication: c2014

Physical Description: 1 online resource (xiii, 498 pages : illustrations)

ISBN: 9783642418839 (electronic bk.)
9783642418822

Subjects (MeSH):	Cardiovascular Diseases - diagnostic imaging Tomography, Emission-Computed
Subjects (LCSH):	Cardiovascular system - Tomography
Abstract:	Cardiac computed tomography (CT) has become a highly accurate diagnostic modality that continues to attract increasing attention. This extensively illustrated book aims to assist the reader in integrating cardiac CT into daily clinical practice, while also reviewing its current technical status and applications. Clear guidance is provided on the performance and interpretation of imaging using the latest technology, which offers greater coverage, better spatial resolution, and faster imaging while also providing functional information about cardiac diseases. The specific features of scanners from all four main vendors, including those that have only recently become available, are presented. Among the wide range of applications and issues discussed are coronary calcium scoring, coronary artery bypass grafts, stents, and anomalies, cardiac valves and function, congenital and acquired heart disease, and radiation exposure. Upcoming clinical uses of cardiac CT, such as hybrid imaging, preparation and follow-up after valve replacement, electrophysiology applications, myocardial perfusion and fractional flow reserve assessment, and plaque imaging, are also explored.
Contents:	Introduction – Technical and Personnel Requirements – Anatomy – Cardiac CT in Clinical Practice – Clinical Indications – Patient Preparation – Physics Background and Radiation Exposure – Examination and Reconstruction – Examinations on Different CT Scanners – Reading and Reporting – Coronary Artery Calcium – Coronary Artery Bypass Grafts – Coronary Artery Stents – Coronary Artery Plaques – Cardiac Function – Cardiac Valves – Transcatheter Aortic Valve Interventions – Pulmonic Valve Implantation, Mitral Valve Repair, and Left Atrial Appendage Closure – Myocardial Perfusion and Fractional Flow Reserve – Hybrid Imaging – Electrophysiology Interventions – Coronary Artery Anomalies – Congenital and Acquired Heart Disease – Typical Clinical Examples – Results of Clinical Studies - Outlook.
Format:	e-Book
Location:	Online



Cardiac event recorder (loop recorder)

<https://libcat.nshealth.ca/en/permalink/chpams34815>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. Cardiac Services

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2022

Format: Pamphlet

Language: English

Physical Description: 1 electronic document (6 p.) : digital, PDF file

Subjects (MeSH): Electrocardiography, Ambulatory
Arrhythmias, Cardiac - diagnosis

Subjects (LCSH): Ambulatory electrocardiography
Arrhythmias

Specialty: Cardiovascular system

Abstract: A cardiac event recorder (loop recorder) records the electrical activity of your heart. You can use a loop recorder while you are at home and doing your usual activities. It will only record your heart activity when you press a button. A cardiac technologist will show you how to use the recorder. This pamphlet explains how to use the loop recorder, whether you can bathe or shower with the loop recorder, and what to do if you have problems with the recorder. Information on how to return the recorder is included.

Responsibility: Prepared by: Cardiac Services

Pamphlet Number: 0974



Cardiac surgery

<https://libcat.nshealth.ca/en/permalink/chpams35773>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. QEII. Cardiovascular Surgery

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2018

Format: Pamphlet

Language: English

Physical Description: 1 electronic document (45 p.) : digital, PDF file

Subjects (MeSH): Cardiovascular Diseases - surgery
Preoperative Care
Postoperative Care

Subjects (LCSH): Cardiovascular system--Surgery
Preoperative care
Postoperative care

Specialty: Cardiovascular System
Surgery

Abstract: This pamphlet gives information about your hospital stay for cardiac surgery. It lists items to bring with you to the hospital, a predicted timeline of your surgery, and members of your health care team. It gives information about the heart, types of cardiac surgeries, how to prepare for your surgery, and common concerns after surgery. Physiotherapy exercises, cardiac rehabilitation programs in Nova Scotia, heart healthy eating guidelines, and symptoms requiring a visit to either your family doctor or to the Emergency Department are listed.

Responsibility: Prepared by: Cardiovascular Surgery, QEII

Pamphlet Number: 1731



The Cardiology Service at the QEII

<https://libcat.nshealth.ca/en/permalink/chpams35334>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. QEII. Cardiology Service

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2022

Format: Pamphlet

Language: English

Physical Description: 1 electronic document (10 p.) : digital, PDF file

Subjects (MeSH): Hospital Units
Cardiovascular diseases

Subjects (LCSH): Cardiovascular system--Diseases--Diagnosis
Clinics--Nova Scotia--Halifax

Specialty: Cardiovascular System

Abstract: Your primary health care provider has decided that you need the care of a cardiologist (heart doctor), and tests or procedures offered by the Cardiology Service. This pamphlet explains what to expect when you are admitted to the Coronary Care Unit 6.4 (CCU), Cardiology Intermediate Care Unit 6.1 (IMCU), or Cardiology Inpatient Unit 6.2 at the Halifax Infirmary. It explains the differences between each of these units and introduces you to the various members of your health care team. Other information includes personal belongings and valuables, parking, visitors, phone and TV services, and where your support person(s) can stay while you are in hospital. Sharing information with your support person(s) is also reviewed.

Notes: previous title: Welcome to Cardiology

Responsibility: Prepared by: Cardiology Service, QEII

Pamphlet Number: 1421



Cardio-renal clinical challenges

<https://libcat.nshealth.ca/en/permalink/provcat33624>

Available Online: View e-Book

Other Authors: Goldsmith, David
Covic, Adrian
Spaak, Jonas

Responsibility: David Goldsmith, Adrian Covic, Jonas Spaak, editors

Place of Publication: Cham, Switzerland

Publisher: Springer

Date of Publication: c2015

Physical Description: 1 online resource (xiii, 234 pages)

ISBN: 9783319091624 (electronic bk.)
9783319091617

Subjects (MeSH):	Cardiovascular Diseases - complications Renal Insufficiency, Chronic - complications Comorbidity
Subjects (LCSH):	Cardiovascular system - Diseases Kidneys - Diseases Heart - Diseases
Abstract:	This book provides a comprehensive overview of the clinical challenges faced during the treatment of patients with cardiorenal syndrome (CRS). The bidirectional link that associates renal and cardiovascular diseases means that patients with CRS have an increased risk of hospital admission and mortality as a result of their coexistence yet, there are no agreed guidelines for their management. Cardio-Renal Clinical Challenges takes clinical presentations and clinical problems as its base, and then discusses the evidence for best management of common clinical problems and the reasons for the complex interplay between the cardiac and renal systems. In addition, the link between heart failure and chronic kidney disease (CKD) can impose a considerable epidemiological burden thus this text also aims to address the issue of organizing healthcare to maximize both the opportunities for prevention and best healthcare economic returns.
Contents:	Part I. Cardiovascular Disease (CVD) in Chronic Kidney Disease (CKD): Same or Different? – 1. Epicardial Coronary Heart Disease in CKD: Diagnosis and Management – 2. Small Vessel Disease in CKD, Diabetes, Obesity and Hypertension – 3. Sudden Cardiac Death and Arrhythmia in CKD – 4. Anticoagulation in CKD – 5. MRA Inhibition in CKD: More Than Salt and Water – 6. Vascular Effects of Inflammation and Oxidative Stress in CKD – 7. Uric Acid, Allopurinol: The Cardio-Renal Silver Bullet? – 8. FGF23 and Phosphate: Two Cardiovascular Toxins with Distinct Toxicity Profiles? – 9. Renal Congestion in Heart Failure – 10. Effect of Vitamin D on Endothelial Function and Blood Pressure – 11. Vitamin D and Its Effects on the Heart – Part II. CKD Complicating Cardiovascular Presentations, Treatment and Outcome – 12. Volume Overload in CKD: Pathophysiology, Assessment Techniques, Consequences and Treatment – 13. Reversing Arterial Stiffening and Calcification: A Pipe Dream? – 14. Pulmonary Hypertension in CKD: A New Problem Child – 15. How to Use Inhibitors of the Renin-Angiotensin- Aldosterone System in Patients with CKD and Heart Failure – 16. Erectile and Sex Hormone Dysfunction and Cardiovascular Consequences in CKD – 17. Renal Sympathetic Denervation in the Management of Treatment- Resistant Hypertension - - Part III. New Ways of Working for the Twenty-first Century: Rising to the Challenge of Comorbid Patients – 18. Future Therapeutic Prospects for Treatment of Cardiorenal Syndromes – 19. Novel Combination Therapy to Target Heart and Kidney – 20. Challenging Complex Diseases – 21. Is “Me, Me, Me” the New “We, We, We”? : Can We Afford (Not) to Take the Plunge into the Personalised, Stratified Medicine Era? – 22. Psychological Distress in Physical Long-Term Conditions.
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Location:	Online



Cardiorespiratory Fitness in Cardiometabolic Diseases : Prevention and Management in Clinical Practice

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Cardiovascular System - physiology
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Physical Fitness - physiology
Respiratory System - physiology
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- Specialty: Cardiology
Physical Fitness
- Abstract: This book examines the links between physical activity (PA), cardiorespiratory fitness (CRF), and cardiovascular and metabolic diseases. It presents an overview of the role of PA and CRF in the prevention and management of risk factors associated with cardiometabolic diseases such as hypertension, peripheral vascular disease, stroke, type 2 diabetes, metabolic syndrome, dyslipidemia, obesity, and atherosclerosis. In addition, it explores how these risks vary with different populations such as the elderly and people of various racial backgrounds. The book also highlights risks associated with exercise and presents a prescription for appropriate and efficacious exercise to minimize risk and maximize health benefits for the heart. *Cardiorespiratory Fitness in Prevention and Management of Cardiometabolic Disease* is an essential resource for physicians, exercise physiologists, medical students, residents, fellows, nurses, and researchers in cardiology, cardiorespiratory fitness, exercise science, health promotion and disease prevention, public health, and epidemiology.

Contents: 1. Physical Activity, Cardiorespiratory Fitness, and Health: A Historical Perspective – 2. Exercise, Gene Regulation, and Cardiometabolic Disease – 3. Exercise and the Mitochondria – 4. Effect of Exercise on Adult Stem Cells – 5. Exercise Metabolism in Health and Disease – 6. Exercise and the Endothelium – 7. Exertion-Related Acute Cardiovascular Events: Pathophysiologic Considerations, Risk Modulators, and Prophylactic Interventions – 8. Exercise and Blood Pressure Control in Hypertension – 9. Role of Physical Activity, Exercise, and Cardiorespiratory Fitness in the Management of Resistant Hypertension – 10. Physical Activity, Blood Pressure, and Cardiac Structure and Function – 11. Physical Activity, Cardiorespiratory Fitness, and the Diabetes Spectrum – 12. Cardiorespiratory Fitness, Physical Activity, and Metabolic Syndrome – 13. Exercise Interventions in Patients with Diabetes and Peripheral Artery Disease – 14. Physical Activity, Cardiorespiratory Fitness, and Obesity – 15. The Obesity Paradox and Cardiorespiratory Fitness – 16. Physical Activity, Exercise, and Lipids and Lipoproteins – 17. Physical Activity, Fitness, and Coronary Heart Disease – 18. Physical Activity and Cardiorespiratory Fitness in Heart Failure – 19. Cardiorespiratory Fitness, Physical Activity, and Stroke – 20. Cardiorespiratory Fitness, Physical Activity, and Incidence of Atrial Fibrillation – 21. Chronic Kidney Disease and Physical Activity – 22. Physical Activity, Fitness, and Sexual Dysfunction – 23. Cardiorespiratory Fitness in the Context of Cardiac Rehabilitation – 24. Physical Activity and Cardiometabolic Health Benefits in Children – 25. Association Between Cardiorespiratory Fitness and Healthcare Costs.

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