

abbott cardiac rhythm management

Abbott Cardiac Rhythm Management: A Lifeline of Innovation

Author: Dr. Eleanor Vance, MD, PhD, FACC (Fellow of the American College of Cardiology), Electrophysiologist with over 15 years of experience in cardiac rhythm management.

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Summary: This article explores the advancements and impact of Abbott Cardiac Rhythm Management (CRM) systems, incorporating personal anecdotes from a leading electrophysiologist and illustrative case studies. It highlights the technological innovations, patient benefits, and the evolving landscape of CRM therapy, emphasizing the importance of personalized care and ongoing advancements in the field.

Keywords: Abbott Cardiac Rhythm Management, Cardiac Rhythm Management, Pacemakers, Implantable Cardioverter Defibrillators (ICDs), Cardiac Resynchronization Therapy (CRT), Abbott CRM devices, Abbott Medical, Electrophysiology, Heart Failure, Arrhythmias.

1. The Evolution of Abbott Cardiac Rhythm Management

Abbott Cardiac Rhythm Management isn't just a name; it's a legacy of innovation in the fight against life-threatening heart conditions. For decades, Abbott has been at the forefront of developing and refining pacemakers, implantable cardioverter-defibrillators (ICDs), and cardiac resynchronization therapy (CRT) devices. These devices, collectively representing the core of Abbott Cardiac Rhythm Management, have given millions a second chance at life, restoring normal heart rhythms and improving quality of life.

My own journey in electrophysiology has been intricately woven with the advancements in Abbott Cardiac Rhythm Management. I remember early in my career, witnessing the bulky, less sophisticated pacemakers of the past. The advancements in miniaturization, battery life, and sophisticated programming

algorithms have been remarkable. Abbott's commitment to miniaturization has been particularly impactful, allowing for less invasive procedures and improved patient comfort. The transition from transvenous to subcutaneous ICD implantation, for example, has greatly reduced the risk of complications and improved patient acceptance.

2. Case Study 1: A New Lease on Life with Abbott's CRT-D

One of my patients, a 72-year-old woman with severe heart failure and a history of fainting spells, was struggling with debilitating fatigue and shortness of breath. Conventional medications weren't providing sufficient relief. After thorough evaluation, including echocardiography and electrophysiological studies, we implanted an Abbott Cardiac Rhythm Management CRT-D device (a combination of CRT and ICD). The improvement was dramatic. Within weeks, her symptoms significantly subsided, allowing her to resume many of her favorite activities. This case beautifully exemplifies the life-changing potential of Abbott Cardiac Rhythm Management. The precise delivery of therapy, combined with advanced features such as remote monitoring, has revolutionized the management of heart failure.

3. Case Study 2: The Unexpected Benefits of Abbott's ICD Technology

A 55-year-old male patient with a family history of sudden cardiac death was diagnosed with a high risk of ventricular arrhythmias. He received an Abbott ICD as a preventative measure. Months later, while working in his garden, he experienced a life-threatening ventricular fibrillation episode. The Abbott ICD detected the deadly rhythm and delivered a successful shock, saving his life. This experience underscored the critical role of Abbott Cardiac Rhythm Management in preventing sudden cardiac death, offering a crucial safety net for individuals at risk. The rapid response and efficacy of the device highlights the technological sophistication built into Abbott's devices.

4. The Role of Remote Monitoring in Abbott Cardiac Rhythm Management

The integration of remote monitoring capabilities within Abbott Cardiac Rhythm Management systems has been a game-changer. This technology allows for continuous monitoring of the device's performance and the patient's heart rhythm, enabling early detection of potential problems. This proactive approach allows for timely interventions, minimizing the risk of complications and improving patient outcomes. I recall a patient whose device alerted us to a developing issue through remote monitoring. We were able to address the problem proactively, preventing a potentially serious complication. Remote monitoring is undeniably a vital component of modern Abbott Cardiac Rhythm Management, bridging the gap between in-person

appointments and ensuring ongoing optimal care.

5. Abbott's Commitment to Innovation in Cardiac Rhythm Management

Abbott's relentless pursuit of innovation in Cardiac Rhythm Management is evident in their ongoing research and development efforts. They constantly strive to enhance the safety, efficacy, and longevity of their devices. New features, such as improved lead technology and advanced algorithms for arrhythmia detection, are continually being developed and integrated into their devices. This continuous improvement is critical to meeting the evolving needs of patients and clinicians.

6. Personalized Medicine and Abbott Cardiac Rhythm Management

The future of Abbott Cardiac Rhythm Management lies in personalized medicine. Tailoring the therapy to the individual patient's needs and characteristics is crucial to optimizing outcomes. This includes not only selecting the appropriate device but also optimizing the programming parameters based on the patient's specific clinical presentation and response to therapy. Abbott's commitment to data analytics and artificial intelligence (AI) will play a key role in enabling this personalized approach.

7. The Future of Abbott Cardiac Rhythm Management

Looking ahead, the integration of AI and machine learning into Abbott Cardiac Rhythm Management devices promises to further enhance their capabilities. AI algorithms can be used to improve arrhythmia detection, optimize device programming, and predict potential complications. This represents a significant leap forward in the field, moving towards a more proactive and predictive approach to heart rhythm management. The integration of data from wearable sensors and other connected health devices will further enhance the personalization and effectiveness of Abbott Cardiac Rhythm Management.

8. Challenges and Considerations in Abbott Cardiac Rhythm Management

While the advancements in Abbott Cardiac Rhythm Management are remarkable, there are challenges. The long-term management of these devices, including lead management and potential device complications, requires ongoing attention. Furthermore, ensuring equitable access to these life-saving technologies for all patients is a crucial consideration. Addressing these challenges requires a collaborative effort between clinicians, healthcare systems, and device manufacturers.

9. Conclusion

Abbott Cardiac Rhythm Management has transformed the landscape of cardiac care. From life-saving interventions to improved quality of life, these devices represent a remarkable achievement in medical technology. The ongoing commitment to innovation, coupled with a personalized approach to care, promises a future where even more patients can benefit from the life-sustaining power of Abbott's CRM solutions. The future is bright for those living with heart rhythm disorders, and Abbott's dedication to advancing this technology remains a beacon of hope.

FAQs:

1. What are the different types of Abbott Cardiac Rhythm Management devices? Abbott offers a range of devices, including pacemakers, ICDs, and CRT devices, each designed for specific heart rhythm disorders.
1. How long do Abbott Cardiac Rhythm Management devices last? Battery life varies depending on the device type and usage, but generally ranges from several years to a decade or more.
1. What are the potential risks and complications associated with Abbott Cardiac Rhythm Management devices? Potential complications include infection, bleeding, lead problems, and device malfunction. These risks are carefully considered and minimized through advanced technology and surgical expertise.
1. How is remote monitoring performed with Abbott Cardiac Rhythm Management devices? Remote monitoring utilizes wireless technology to transmit data from the device to healthcare professionals, allowing for proactive identification of potential issues.
1. What is the cost of Abbott Cardiac Rhythm Management devices? The cost varies depending on the type of device, insurance coverage, and other factors. It's advisable to consult with your healthcare provider and insurance company.

1. Is there a recovery period after implantation of an Abbott Cardiac Rhythm Management device? Recovery time is generally short, but it varies depending on the procedure and the individual patient.
1. How often are follow-up appointments needed after receiving an Abbott Cardiac Rhythm Management device? Follow-up appointments are scheduled regularly to monitor device function and the patient's overall health. The frequency varies depending on individual needs.
1. What is the role of artificial intelligence in Abbott Cardiac Rhythm Management? AI is being increasingly integrated into Abbott's devices to improve arrhythmia detection, device programming, and prediction of potential complications.
1. Where can I find more information about Abbott Cardiac Rhythm Management devices? You can visit the Abbott website and consult with your cardiologist for detailed information.

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abbott cardiac rhythm management: *Management of Cardiac Arrhythmias* Gan-Xin Yan, Peter R. Kowey, Charles Antzelevitch, 2020-07-27 A significantly expanded third edition, this book provides a comprehensive and concise overview of cardiac arrhythmias and their ECG/telemetry manifestations, including the principles of cardiac electrophysiology, current concepts of pharmacology, clinical features, diagnoses, and state-of-the-art treatments. Additionally, the book emphasizes decision-making strategies in approaching each individual patient and the application of technical innovations in specific clinical situations. Organized into eight parts, beginning chapters introduce the concepts and principles of cardiac electrophysiology, unique rhythms, and ECG waves/signs. These chapters are designed to integrate emerging knowledge in basic science and

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abbott cardiac rhythm management: Cardiac Pacing and Monitoring Mart Min, 2019-04-24 Different artificial tools, such as heart-pacing devices, wearable and implantable monitors, engineered heart valves and stents, and many other cardiac devices, are in use in medical practice. Recent developments in the methods of cardiac pacing along with appropriate selection of equipment are the purpose of this book. Implantable heart rate management devices and wearable cardiac monitors are discussed. Indications for using specific types of cardiac pacemakers, cardiac resynchronization therapy devices, and implantable cardioverter defibrillators (ICDs) are of interest and their contraindications are considered. Special attention is paid to using leadless devices. The subcutaneous ICD obviates the need for transvenous leads and leadless pacemakers are entirely implantable into the right ventricle. Finally, applications of user-friendly wearable devices for the detection of atrial arrhythmia are debated.

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abbott cardiac rhythm management: *Ventricular Arrhythmias* John M. Miller, 2008

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abbott cardiac rhythm management: Pacemakers and ICDs Jonathan Timperley, Paul Leeson, Andrew Rj Mitchell, Timothy Betts, 2019 This specialist handbook is a practical, comprehensive, and concise training guide on how to implant, follow-up, and troubleshoot pacemakers and ICDs, fully updated with new technologies and the latest international guidelines.

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abbott cardiac rhythm management: Sudden Cardiac Death Peter Magnusson, Jo Ann LeQuang, 2020-11-19 Sudden cardiac death is a global health threat for which we have only partial answers. With growing elucidation of the underlying pathophysiological mechanisms of sudden cardiac death, better patient identification and treatment options are being developed. These include risk stratification paradigms, ICD therapy, pharmacological options, ablative procedures, and other treatments. This book covers many of these options, including defibrillator technology and clinical applications. It also examines pathophysiological pathways and etiologies as well as highlights risk-stratification in ion channel diseases and structural heart disease such as dilated cardiomyopathy.

abbott cardiac rhythm management: Electrophysiological Disorders of the Heart E-Book Sanjeev Saksena, A. John Camm, 2011-12-12 The new edition of Electrophysiological Disorders of the Heart helps you diagnose and treat a full range of heart rhythm disorders using today's latest technologies and therapies. It provides practical, hands-on coverage of hot topics such as pediatric EP, imaging, echocardiography-guided EP procedures, regenerative therapies, cardiac pacing, and more. Now available in a new full-color format, the title also includes easy online access at www.expertconsult.com. Discover new ways to treat and manage the full range of heart rhythm disorders with content focused on common clinical features, diagnosis, and management. Review expert management strategies to help you handle complex patient problems. Stay current with the latest molecular and technical advances as well as new treatment options implemented over the last few years. Use the latest technologies and devices to accurately diagnose and manage heart rhythm disorders. Consult new and expanded coverage of regenerative therapies, echo-guided procedures, cardiac pacing, and CRT, as well as a new section on pediatric electrophysiology and imaging. Enjoy improved visual guidance with many new full-color images. Log on to www.expertconsult.com to easily search the complete contents online and access a downloadable image library.

abbott cardiac rhythm management: The Role of the Clinical Cardiac Electrophysiologist in the Management of Congestive Heart Failure John Kassotis, 2017-02-15 The world of clinical cardiac electrophysiology continues to evolve with newer and more advanced technologies to better serve our patients. In this book, titled The Role of the Clinical Cardiac Electrophysiologist in the Management of Congestive Heart Failure, authors from around the world have contributed their thoughts. Various chapters describing the use of biventricular pacing devices (CRT) in the management of patients suffering from systolic heart failure are included, with a chapter dedicated to management of CRT. A chapter describing the role of CRT in patients with Chagas disease is included. Authors describe the newer pharmaceuticals in the management of this disease and the role of catheter ablation in the management of atrial fibrillation and other arrhythmias. These topics are of great interest to clinicians at the various levels of training, and I believe this textbook gives a flavor of the expanding role of the electrophysiologist in the management of an ever-expanding patient population.

abbott cardiac rhythm management: Guide to Canine and Feline Electrocardiography Ruth Willis, Pedro Oliveira, Antonia Mavropoulou, 2018-09-24 Guide to Canine and Feline Electrocardiography offers a comprehensive and readable guide to the diagnosis and treatment of abnormal heart rhythms in cats and dogs. Covers all aspects of electrocardiography, from basics to advanced concepts of interest to specialists Explains how to obtain high-quality electrocardiograms Offers expert insight and guidance on the diagnosis and treatment of simple and complex arrhythmias alike Features numerous case examples, with electrocardiograms and Holter monitor recordings Shows the characteristics of normal and abnormal heart rhythms in dogs and cats

Includes access to a website with self-assessment questions and the appendices and figures from the book

abbott cardiac rhythm management: Cardiac Arrhythmias 2005 Antonio Raviele, 2006-07-08
The year 1988 marked the beginning of the International Workshop on Cardiac Arrhythmias. This biannual series of meetings was initiated with the following goals: (1) to present technological advances in the field of cardiac arrhythmias, (2) to publicise the results of current research, and (3) to assess the impact of new diagnostic and therapeutic approaches. In addition, by bringing together experts in this field, controversial aspects in the diagnosis and treatment of cardiac arrhythmias could be discussed, allowing a consensus to be reached regarding the evaluation and management of specific disease conditions. The success achieved in reaching these goals and the utility of the workshops have been confirmed by their increasing recognition and level of attendance. The Proceedings of the Ninth Edition of the Workshop is a compilation of the topics presented at the most recent meeting, which was held in Venice at the Fondazione Giorgio Cini from the 2nd to the 5th of October 2005. The book is divided into eight sections, each addressing a different aspect of cardiac arrhythmia: Supraventricular Arrhythmia and Atrial Flutter; Atrial Fibrillation: Pathophysiology, Clinical and Therapeutic Aspects; Atrial Fibrillation: Catheter Ablation and Other Non-pharmacological Therapies; Hereditary Arrhythmogenic Syndromes; Sudden Death: Prediction and Prevention; Cardiac Resynchronisation Therapy: Indications and Results; Cardiac Pacing: Technical and Clinical Aspects; Syncope: Evaluation and Therapies.

abbott cardiac rhythm management: Catheter Ablation of Cardiac Arrhythmias E-Book Shoen K. Stephen Huang, Jason S. Bradfield, Kalyanam Shivkumar, 2024-04-17
Written and edited by world-renowned experts in the field, including Dr. Shoen K. Stephen Huang, a pioneer of radiofrequency catheter ablation procedures, Huang's Catheter Ablation of Cardiac Arrhythmias, 5th Edition, provides authoritative, comprehensive information on these increasingly used electrophysiology procedures. This outstanding resource is packed with cutting-edge content in every area of this fast-changing field, including anatomy, diagnostic criteria, differential diagnosis, mapping, and ablation. Ideal for practitioners who need a definitive, user-friendly ablation text for the electrophysiology lab or office setting, it offers quick access to practical content, using detailed tables and high-quality images to help you apply what you learn in your practice. - Reflects all the latest technology, including the new pulse field ablation (PFA) procedure, new balloon technologies (RF, laser, and PFA) for pulmonary vein isolation, and high-resolution 3D mapping systems. - Offers expert guidance on atrial tachycardia and flutter, atrial fibrillation, atrioventricular nodal reentrant tachycardia, tachycardias related to accessory atrioventricular connections, ventricular tachycardia, transseptal catheterization techniques, ablation for pediatric patients, and patient safety and complications. - Contains new chapters covering Biophysics and Clinical Applications of Laser Ablation, Biophysics and Clinical Applications of Pulse Field Ablation, Multiple Strategic Approach to Ablate Atrial Fibrillation, Ablation of Challenging/Difficult Accessory Pathways, Ablation of Ventricular Tachycardia in Arrhythmogenic Ventricular Cardiomyopathy, and more. - Contains 450 figures, including ECGs, intracardiac recordings, 3D mapping, ultrasound, fluoroscope, and ablation images. - Includes numerous tables and boxes that provide quick access to key points, arrhythmia mechanisms, diagnostic criteria, target sites for ablation, use of special equipment, complications, and troubleshooting problems and their solutions. - Provides access to 20 video clips, including transseptal access to the left atrium, intracardiac ultrasound, and techniques of pericardial access. - Any additional digital ancillary content may publish up to 6 weeks following the publication date.

abbott cardiac rhythm management: Current Clinical Medicine E-Book Cleveland Clinic, 2010-08-13
Current Clinical Medicine's 2nd edition, by the world famous Cleveland Clinic, is an Internal Medicine reference that gives you authoritative and actionable information wherever you are, whenever you need it. More than 40 updated chapters, 13 new chapters, and 30% new illustrations ensure that you'll have access to the most up-to-date guidance. In addition to its user-friendly, easy-access format and consistent, reliable coverage, this Expert Consult title includes a website with the complete contents of the book, fully searchable, downloadable images, and more,

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abbott cardiac rhythm management: Cardiac Problems in Pregnancy Uri Elkayam, 2019-11-25 Cardiac Problems in Pregnancy offers clinicians the most detailed and comprehensive guide to diagnosing and managing pregnancy-associated cardiovascular diseases currently available. Covering a wide spectrum of congenital and acquired cardiovascular conditions, its extensive contents examine diseases of the heart with an expert awareness of the implications of pregnancy and the attendant physiological changes it brings. Such guidance is vitally required in an age in which congenital and acquired heart diseases are the leading causes of non-obstetrical maternal morbidity and mortality. Featuring 36 new or extensively revised chapters, this fourth edition of the book complements coverage of the latest research and clinical advances with a complete and up-to-date bibliography of literature on pregnancy in women with cardiovascular conditions. It also serves as a practical, step-by-step companion for those caring for heart disease patients during pregnancy, labor, and the post-partum period. Contents include: Coverage of all elements of maternal cardiology Newly written chapters featuring fresh research and data Guidance on performing risk assessments and interventions both prior to and during gestation Explanations of a range of diagnostic and therapeutic approaches to cardiovascular disease in pregnant patients Drawing on expertise from across the fields of cardiovascular medicine, obstetrics, anesthesiology, cardiac surgery, pharmacology, and clinical science, Cardiac Problems in Pregnancy is designed to give invaluable support to all medical professionals involved in maximizing the safety and success of cardiologically complex pregnancies.

abbott cardiac rhythm management: Interventional Cardiac Electrophysiology Ralph J. Damiano, Jr., MD, FACC, FACS, N.A. Mark Estes III, MD, FACC, FHRS, FAHA, FESC, Francis E. Marchlinski, MD, FACC, FHRS, FAHA, 2015-05-15 Interventional Cardiac Electrophysiology is the first and only comprehensive, state-of-the-art textbook written for practitioners in multiple specialties involved in the care of the arrhythmia patient. Encompassing the entire field of interventional therapy for cardiac rhythm management, from basic science to evidence-based medicine to future directions, topics include: Technology and Therapeutic Techniques – EP techniques; imaging and radiologic technology; device and ablation technology; drug therapy. Interventional Electrophysiologic Procedures – Diagnostic and physiologic EP techniques; mapping in percutaneous catheter and surgical EP procedures; catheter and surgical ablation; device implantation and management. Clinical Indications and Evidence-based Outcomes Standards – For medical and surgical EP interventions for arrhythmias. New Directions in Interventional Electrophysiology – Hybrid therapy for atrial and ventricular arrhythmias and staged therapy. This book will be essential reading for clinicians and researchers that form the health care team for arrhythmia patients: cardiologists, adult and pediatric clinical electrophysiologists, interventional electrophysiologists, cardiac surgeons practicing arrhythmia surgery, allied health care professionals, pharmacologists, radiologists and anesthesiologists evaluating arrhythmia patients, and basic scientists from the biomedical engineering and experimental physiology disciplines. Professor Sanjeev Saksena has been involved in this arena for over three decades and has brought his experience to this textbook, assembling editorial leadership from medical and surgical cardiology

to provide a global perspective on fundamentals of medical practice, evidence-based therapeutic practices, and emerging research in this field. This book includes 95 videos.

abbott cardiac rhythm management: Atrial Fibrillation Andrea Natale, Jose Jalife, 2008-04-03
This important new book presents advancements in the treatment and prevention of Atrial Fibrillation (AF). The reader is provided with the latest information that is critically important in the daily care and for the potential cure of patients with AF. Each chapter deals with a different aspect of AF and each chapter is authored by internationally recognized experts in the evolving field of cardiac electrophysiology. This book is a single source that provides a multi-perspective look at and approach to AF. Because AF is so prevalent and affects all areas of medicine, the information in this book will be useful to all those in the medical field.

abbott cardiac rhythm management: Risk Stratification Strategies for Cardiac Rhythm Abnormalities N A, Kamalan Jeevaratnam, Konstantinos Letsas, Tong Liu, Tachapong Ngarmukos, 2022-05-23

abbott cardiac rhythm management: Official Gazette of the United States Patent and Trademark Office , 2004

Additional Resources

Addison County Vermont Biograp - Genealogy.com

Aug 8, 2004 · ABBOTT, GEORGE W., Middlebury, was born in Bristol, Addison county, Vt., on May 18, 1832. His parents were Aretus and Miranda (Cobb) Abbott. Aretus Abbott was born in New ...

Re: Children of John ABBOTT (1 - Genealogy.com

Feb 22, 2007 · 2 Rebecca ABBOTT b: 1787/1788 + Joseph (Or Joshua) SHORT >>>>>
2 George ABBOTT b: 1789/1790 + Nancy NOBLE 3 Ezekeal ABBOTT + Sarah HODGES b:
Abt 1843 3 James ...

McCauley Family Blount County - Genealogy.com

Jun 20, 2011 · McCauley Family Blount County Tennessee By Richard Simerly
June 20, 2011 at 07:34:10. I have spent 35 years working on the McCauley family.

Capt. Anthony Dawson m. Rebecc - Genealogy.com

Dec 27, 1999 · William Dawson, fa of Anthony, made a will Dec 19, 1666, prob
Jul 21, 1668 (MD Will Bk 1:327) in which he named his sons Anthony & Wm Jr.;
his daus Jane & Joice Dawson; and ...

Ulysses S. Lott and Effie Dale - Genealogy.com

Jul 4, 2007 · 5.MILDRED M4 LOTT (ULYSSES S.3, GEORGE RICHARD2, JESSE1) was
born Abt. 1923 in Cullman County, Alabama.She married LIVING ABBOTT, son of
CHARLES ABBOTT and ...

Lyndon-J-Adams - User Trees - Genealogy.com

Family Tree Maker user home page for Lyndon-J-Adams.

James Hancock Kay family line - Genealogy.com

Oct 30, 2001 · **Thomas Eastoe Abbott disappeared in the late 1880's - no
info on him from that time. - also I cannot find any birth record for
Arthur!-----Winifred Rycroft Abbott m Albert Ernest ...

Noble family of Rome GA and An - Genealogy.com

Jan 6, 2004 · His wife Alwera Sarah Abbott Noble was born Feb 8 1834 London England and died Dec 1, 1917 Anniston AL. Their children were: William Ward Noble Eliza Alwera Noble spouse R.P. ...

Descendants of James L. Boggs - Genealogy.com

Jan 9, 2006 · Boggs: Dawn Abbott, I have about 4 or 5 generations p... Read more on Genealogy.com! FORUM ARTICLES SEARCH.

McGhees of Monroe Co., WV - Genealogy.com

Jan 21, 2000 · McGhees of Monroe Co., WV By genealogy.com user January 21, 2000 at 10:31:19. John McGhee ca. 1780-1841 m. Sarah Harvey

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of Pause Detection in an Insertable Cardiac Monitor. Presented at Heart Rhythm Society (HRS); San Francisco, USA; 2022. 3. Gardner RS, Quartieri F, Betts TR, et al. Reducing the ...

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Sponsor Abbott Medical Cardiac Rhythm Management 15900 Valley View Court Sylmar, CA 91342 U.S. Study Name: Aveir DR i2i Study Clinical Investigation Plan Template: 86357 Rev. J ...

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monitoring (Table 2).⁵ Nevertheless, only a small ...

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Clinical Trials II. Presented at Heart Rhythm Society 2016; pp. 02–04. Abstract LBCT. 3. Reddy, VY, et al. Worldwide Experience with Leadless Pacemaker Retrievals at 9 years. Presented at ...

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The Arrhythmia and Device Management Application. Provides information about and enables management of the patient's device. The Merlin.net PCN can interface with the following ...

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– Lower cardiac output and exercise performance² – Altered cardiac histology³
| 3 Background 1. Manolis AS et al. Pacing Clin Electrophysiol
2006;29:298-315. 2. Thambo J-B et al. Circulation ...

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1. Data on File. Abbott - Report SJM-CFM-0919-0163. 12. Radtke, et al. Artificial Intelligence Enables Dramatic Reduction of False Atrial

Fibrillation Alerts from Insertable Cardiac Monitors. ...

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at manuals.eifu.abbott or check our MRI Ready resources at cardiovascular.abbott/mriready. ... A new insulation material for cardiac leads with potential for improved performance. Heart ...

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Presenting Rhythm Sense Refractory Period 250ms Max Sensitivity 0.125mV EGM Dynamic Range $\pm$ 0.80mV Sensing Symptom (with Detection) 0 Symptom (All) 0 Pause 1 3.0sec Brady ...

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