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Certified Cardiac Device Specialist (CCDS)

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Topic	Article Title	Access	Date Added
Clinical Assessment & Electrocardiography	Device Programming for His Bundle Pacing <b>Circulation: Arrhythmia and Electrophysiology</b> <b>February 2019</b> <a href="https://www.ahajournals.org/doi/10.1161/CIRCEP.118.006816">https://www.ahajournals.org/doi/10.1161/CIRCEP.118.006816</a>	No Cost	9/28/2023
	His-Bundle Pacing is the Best Approach to Physiological Pacing <b>Heart Rhythm O2</b> <b>April 2020</b> <a href="https://www.heartrhythmopen.com/article/S2666-5018(20)30008-8/fulltext">https://www.heartrhythmopen.com/article/S2666-5018(20)30008-8/fulltext</a>	No Cost	9/28/2023
	Pacing in vasovagal syncope: physiology, pacemaker sensors, and recent clinical trials-precise patient selection and measurable benefit <b>Heart Rhythm</b> <b>May 2020</b> (Gain Access in Oasis.)	Membership Required C3 Access Granted	5/11/2023
	2014 AHA/ACC/HRS Guideline for the Management of Patients with Atrial Fibrillation: a Report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines and the Heart Rhythm Society <b>Journal of the American College of Cardiology</b> <b>March 28, 2014</b> <a href="https://www.sciencedirect.com/science/article/pii/S0735109714017409?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S0735109714017409?via%3Dihub</a>	No Cost	4/4/2023
	2015 Heart Rhythm Society Expert Consensus Statement on the Diagnosis and Treatment of Postural Tachycardia Syndrome, Inappropriate Sinus Tachycardia, and Vasovagal Syncope <b>Heart Rhythm</b> <b>May 14, 2015</b> <a href="https://pubmed.ncbi.nlm.nih.gov/25980576/">https://pubmed.ncbi.nlm.nih.gov/25980576/</a>	No Cost	4/4/2023
	2018 ACC/AHA/HRS Guideline on the Evaluation and Management of Patients with Bradycardia and Cardiac Conduction Delay: Executive Summary: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines, and the Heart Rhythm Society <b>Circulation</b> <b>November 2018</b> <a href="https://www.ahajournals.org/doi/10.1161/CIR.000000.0000000627">https://www.ahajournals.org/doi/10.1161/CIR.000000.0000000627</a>	No Cost	4/4/2023
	2022 HRS Expert Consensus Statement on Evaluation and Management of Arrhythmic Risk in Neuromuscular Disorders <b>Heart Rhythm Society</b> <b>October 2022</b> <a href="https://www.heartrhythmjournal.com/action/showPdf?pii=S1547-5271%2822%2901946-4">https://www.heartrhythmjournal.com/action/showPdf?pii=S1547-5271%2822%2901946-4</a>	No Cost	4/4/2023
	Diagnosis and Management of Patients with Heart Failure with Preserved Ejection Fraction (HFpEF): Current Perspectives and Recommendations <b>Therapeutics and Clinical Risk Management</b> <b>2020</b> <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7450524/pdf/tcrm-16-769.pdf">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7450524/pdf/tcrm-16-769.pdf</a>	No Cost	4/4/2023

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Clinical Assessment & Electrocardiography	2017 AHA/ACC/HRS Guideline for Management of Patients with Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death <b>Circulation</b> <b>2018</b> <a href="https://www.ahajournals.org/doi/10.1161/CIR.00000000000000549">https://www.ahajournals.org/doi/10.1161/CIR.00000000000000549</a>	No Cost	3/24/2023
	Management of Hypertrophic Cardiomyopathy: JACC State-of-the-Art Review <b>Journal of the American College of Cardiology</b> <b>February 1, 2022</b> <a href="https://www.jacc.org/doi/epdf/10.1016/j.jacc.2021.11.021">https://www.jacc.org/doi/epdf/10.1016/j.jacc.2021.11.021</a>	No Cost	3/24/2023
	Magnetic Resonance Imaging in Patients with Cardiac implantable Electronic Devices with Abandoned Leads <b>JAMA Cardio.</b> <b>February 17, 2021</b> <a href="https://jamanetwork.com/journals/jamacardiology/fullarticle/2776350">https://jamanetwork.com/journals/jamacardiology/fullarticle/2776350</a>	No Cost	3/3/2023
	Management of Arrhythmias in Cardiac Amyloidosis: State-Of-The-Art Review <b>J Am Coll Cardiol EP</b> <b>April 6, 2020</b> <a href="https://www.jacc.org/doi/10.1016/j.jacep.2020.01.004">https://www.jacc.org/doi/10.1016/j.jacep.2020.01.004</a>	No Cost	3/3/2023
	Evolution of Risk Stratification and Sudden Death Prevention in Hypertrophic Cardiomyopathy: Twenty Years with the Implantable Cardioverter-Defibrillator <b>Heart Rhythm</b> <b>January 25, 2021</b> <a href="https://www.heartrhythmjournal.com/article/S1547-5271(21)00047-3/fulltext">https://www.heartrhythmjournal.com/article/S1547-5271(21)00047-3/fulltext</a>	No Cost	10/4/2022
	Implantable Defibrillator Therapy in Cardiac Arrest Survivors with a Reversible Cause <b>Circulation: Arrhythmia and Electrophysiology</b> <b>March 15, 2018</b> <a href="https://www.ahajournals.org/doi/10.1161/CIRCEP.117.005940">https://www.ahajournals.org/doi/10.1161/CIRCEP.117.005940</a>	No Cost	10/4/2022
	Safety and Efficacy of the Subcutaneous Implantable Defibrillator <b>Journal of the American College of Cardiology</b> <b>February 2, 2016</b> <a href="https://www.sciencedirect.com/science/article/pii/S0735109715074793?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S0735109715074793?via%3Dihub</a>	No Cost	10/4/2022
	Troubleshooting Implanted Cardioverter-Defibrillator Sensing Problems II - Part 2 of a 2-Part Series <b>Circulation: Arrhythmia and Electrophysiology</b> <b>February 1, 2015</b> <a href="https://www.ahajournals.org/doi/epdf/10.1161/CIRCEP.114.002514">https://www.ahajournals.org/doi/epdf/10.1161/CIRCEP.114.002514</a>	No Cost	1/13/2022
	Electrocardiographic Analysis for HIS Bundle Pacing at Implantation and Follow-up <b>Journal of the American College of Cardiology: Clinical Electrophysiology</b> <b>July 2020</b> <a href="https://reader.elsevier.com/reader/sd/pii/S2405500X20302383?token=83760852A051BA976FB3190865780B4E23034643A869E237F2FD0A4497B0FFC032650727E188DA2D289DCCB198C1FB54&amp;originRegion=us-east-1&amp;originCreation=20211215172540">https://reader.elsevier.com/reader/sd/pii/S2405500X20302383?token=83760852A051BA976FB3190865780B4E23034643A869E237F2FD0A4497B0FFC032650727E188DA2D289DCCB198C1FB54&amp;originRegion=us-east-1&amp;originCreation=20211215172540</a>	No Cost	1/12/2022

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Fundamentals & Applied Science and Technology	Repetitive non-reentrant ventriculoatrial synchrony: An underrecognized cause of pacemaker-related arrhythmia <b>Heart Rhythm</b> <b>2016</b> (Gain Access in Oasis.)	Membership Required C3 Access Granted	5/11/2023
	Bioengineering the Cardiac Conduction System: Advances in Cellular, Gene, and Tissue Engineering for Heart Rhythm Regeneration <b>Front Bioeng Biotechnol</b> <b>August 2, 2021</b> <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8365186/pdf/fbioe-09-673477.pdf">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8365186/pdf/fbioe-09-673477.pdf</a>	No Cost	4/5/2023
	Inappropriate Sinus Tachycardia: Etiology, Pathophysiology, and Management: JACC Review Topic of the Week <b>JACC</b> <b>June 21, 2022</b> <a href="https://www.jacc.org/doi/epdf/10.1016/j.jacc.2022.04.019">https://www.jacc.org/doi/epdf/10.1016/j.jacc.2022.04.019</a>	No Cost	4/5/2023
	2020 ESC Guidelines for the Diagnosis and Management of Atrial Fibrillation Developed in Collaboration with the European Association for Cardio-Thoracic Surgery (EACTS): The Task Force for the Diagnosis and Management of Atrial Fibrillation of the European Society of Cardiology (ESC) Developed with the Special Contribution of the European Heart Rhythm Association (EHRA) of the ESC <b>European Heart Journal</b> <b>August 29, 2020</b> <a href="https://academic.oup.com/eurheartj/article/42/5/373/5899003">https://academic.oup.com/eurheartj/article/42/5/373/5899003</a>	No Cost	3/3/2023
	Impedance in the Diagnosis of Lead Malfunction <b>Circulation: Arrhythmia and Electrophysiology</b> <b>February 2020</b> <a href="https://www.ahajournals.org/doi/epub/10.1161/CIRCEP.119.008092">https://www.ahajournals.org/doi/epub/10.1161/CIRCEP.119.008092</a>	No Cost	3/3/2023
	Adapting Detection Sensitivity Based on Evidence of Irregular Sinus Arrhythmia to Improve Atrial Fibrillation Detection in Insertable Cardiac Monitors <b>EP Europace</b> <b>2018</b> <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6277148/pdf/eux272.pdf">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6277148/pdf/eux272.pdf</a>	No Cost	1/11/2022
Patient and Device Follow-up Management & Radiology\Diagnosics; High Rate, Mode Switch Tabulation, EGM	Clinical performance of implantable cardioverter defibrillator lead monitoring diagnostics <b>Heart Rhythm Journal</b> <b>March 2022</b> <a href="https://www.heartrhythmjournal.com/action/showPdf?pii=S1547-5271%2821%2902328-6">https://www.heartrhythmjournal.com/action/showPdf?pii=S1547-5271%2821%2902328-6</a>	No Cost	9/28/2023
Patient and Device Follow-Up Management and Radiology	Subcutaneous or Transvenous Defibrillator Therapy <b>The New England Journal of Medicine</b> <b>August 6, 2020</b> <a href="https://www.nejm.org/doi/pdf/10.1056/NEJMoa1915932?articleTools=true">https://www.nejm.org/doi/pdf/10.1056/NEJMoa1915932?articleTools=true</a>	No Cost	9/28/2023
	Early Lead Extraction for Infected Implanted Cardiac Electronic Devices: JACC Review Topic of the Week <b>Journal of the American College of Cardiology</b> <b>April 2023</b> <a href="https://www.jacc.org/doi/10.1016/j.jacc.2023.01.038">https://www.jacc.org/doi/10.1016/j.jacc.2023.01.038</a>	No Cost	9/28/2023

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Patient and Device Follow-Up Management and Radiology	Electrocardiographic interpretation of pacemaker algorithms enabling minimal ventricular pacing <b>Heart Rhythm</b> <b>2020</b> (Gain Access in Oasis.)	Membership Required C3 Access Granted	5/11/2023
	Current Clinical Practice in Patients with Cardiac Implantable Electronic Devices Undergoing Radiotherapy: a Literature Review <b>Europace</b> <b>September 13, 2021</b> <a href="https://academic.oup.com/europace/article/24/3/362/6369570?login=false">https://academic.oup.com/europace/article/24/3/362/6369570?login=false</a>	No Cost	3/3/2023
	Long-Term Outcomes Among a Nationwide Cohort of Patients Using an Implantable Cardioverter-Defibrillator: UMBRELLA Study Final Results <b>JAHA</b> <b>December 25, 2020</b> <a href="https://www.ahajournals.org/doi/epub/10.1161/JAHA.120.018108">https://www.ahajournals.org/doi/epub/10.1161/JAHA.120.018108</a>	No Cost	3/3/2023
	Antibacterial Envelope to Prevent Cardiac Implantable Device Infection <b>The New England Journal of Medicine</b> <b>May 16, 2019</b> <a href="https://www.nejm.org/doi/pdf/10.1056/NEJMoa1901111?articleTools=true">https://www.nejm.org/doi/pdf/10.1056/NEJMoa1901111?articleTools=true</a>	No Cost	1/13/2022
	Bradycardia Pacing-Induced Short-Long-Short Sequences at the Onset of Ventricular Tachyarrhythmias - A Possible Mechanism of Proarrhythmia? <b>Journal of the American College of Cardiology</b> <b>August 14, 2007</b> <a href="https://reader.elsevier.com/reader/sd/pii/S0735109707017020?token=6DB1ABF7D1F2A6476A7ECF8E89C3D06F4EF3973AD408FCC719470477712DC82718E5C7B11F1C47D907E3C241B220565A&amp;originRegion=us-east-1&amp;originCreation=20211221223537">https://reader.elsevier.com/reader/sd/pii/S0735109707017020?token=6DB1ABF7D1F2A6476A7ECF8E89C3D06F4EF3973AD408FCC719470477712DC82718E5C7B11F1C47D907E3C241B220565A&amp;originRegion=us-east-1&amp;originCreation=20211221223537</a>	No Cost	1/13/2022
	Trends of Cardiovascular Implantable Electronic Device Infection in 3 Decades: A Population-Based Study <b>Journal of the American College of Cardiology: Clinical Electrophysiology</b> <b>September 2019</b> <a href="https://www.sciencedirect.com/science/article/pii/S2405500X19304773">https://www.sciencedirect.com/science/article/pii/S2405500X19304773</a>	No Cost	1/13/2022
	Troubleshooting Implanted Cardioverter Defibrillator Sensing Problems, I - Part 1 of a 2-Part Series <b>Circulation: Arrhythmia and Electrophysiology</b> <b>December 2014</b> <a href="https://www.ahajournals.org/doi/epdf/10.1161/CIRCEP.114.002344">https://www.ahajournals.org/doi/epdf/10.1161/CIRCEP.114.002344</a>	No Cost	1/13/2022
	Cardiac Pacemakers: Function, Troubleshooting and Management. Part 1 <b>Journal of the American College of Cardiology</b> <b>January 17, 2017</b> <a href="https://reader.elsevier.com/reader/sd/pii/S073510971637067X?token=AF5A2610D29741A14FBB53756D5E1E61010E2130E20BB62A15772AF1D681AFAEAC6031B6EB0923AF04C7598B27CBB3C7&amp;originRegion=us-east-1&amp;originCreation=20211215172715">https://reader.elsevier.com/reader/sd/pii/S073510971637067X?token=AF5A2610D29741A14FBB53756D5E1E61010E2130E20BB62A15772AF1D681AFAEAC6031B6EB0923AF04C7598B27CBB3C7&amp;originRegion=us-east-1&amp;originCreation=20211215172715</a>	No Cost	1/13/2022

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Perioperative Practice/Clinical Practice & Safety\Safety\Infection Control	Risk Factors for CIED Infection After Secondary Procedures Insights From the WRAP-IT Trial <b>JACC: Clinical Electrophysiology</b> <b>January 2022</b> <a href="https://www.sciencedirect.com/science/article/pii/S2405500X21007660">https://www.sciencedirect.com/science/article/pii/S2405500X21007660</a> (Copy link into browser)	No Cost	9/28/2023
Perioperative Practice/Clinical Practice & Safety\Surgical Technique\Implantation	Risk factors for hematoma in patients undergoing cardiac device procedures: A WRAP-IT trial analysis <b>Heart Rhythm O<sup>2</sup></b> <b>October 2022</b> <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9626743/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9626743/</a>	No Cost	9/28/2023
Perioperative Practice/Clinical Practice & Safety\Indications for Device Therapy and Placement	Indications for Cardiac Resynchronization Therapy: A Comparison of the Major International Guidelines <b>JACC: Heart Failure</b> <b>April 2018</b> <a href="https://www.sciencedirect.com/science/article/pii/S2213177918301203#!">https://www.sciencedirect.com/science/article/pii/S2213177918301203#!</a> (Copy link into browser.)	No Cost	9/28/2023
Perioperative Practice/Clinical Practice & Safety	A Review of Cardiac Implantable Electronic Device Infections for the Practicing Electrophysiologist: State of the Art Review <b>JACC: Clinical Electrophysiology</b> <b>June 2021</b> <a href="https://www.jacc.org/doi/10.1016/j.jacep.2021.03.021">https://www.jacc.org/doi/10.1016/j.jacep.2021.03.021</a>	No Cost	9/28/2023
	Infections Associated with Resterilized Pacemakers and Defibrillators <b>The New England Journal of Medicine</b> <b>May 2020</b> <a href="https://www.nejm.org/doi/full/10.1056/NEJMoa1813876">https://www.nejm.org/doi/full/10.1056/NEJMoa1813876</a>	No Cost	9/28/2023
	Clinical predictors of incomplete coronary sinus lead removal during transvenous lead extraction in patients with cardiac resynchronization therapy <b>Heart Rhythm Journal</b> <b>March 2023</b> <a href="https://www.heartrhythmjournal.com/article/S1547-5271(23)00244-8/fulltext">https://www.heartrhythmjournal.com/article/S1547-5271(23)00244-8/fulltext</a>	No Cost	9/28/2023
	Troubleshooting and programming considerations for HIS bundle pacing <b>Heart Rhythm</b> <b>2019</b> (Gain Access in Oasis.)	Membership Required C3 Access Granted	5/11/2023
	HRS/ACC/AHA Expert Consensus Statement on the Use of Implantable Cardioverter-defibrillator Therapy in Patients Who are Not Included or Not Well Represented in Clinical Trials <b>Circulation</b> <b>May 2014</b> <a href="https://www.ahajournals.org/doi/10.1161/CIR.000000000000056">https://www.ahajournals.org/doi/10.1161/CIR.000000000000056</a>	No Cost	4/4/2023
	Heart Rhythm Society Expert Consensus Statement on Electrophysiology Laboratory Standards: Process, Protocols, Equipment, Personnel, and Safety <b>Heart Rhythm Society</b> <b>May 7, 2014</b> <a href="https://www.heartrhythmjournal.com/article/S1547-5271(14)00334-8/fulltext">https://www.heartrhythmjournal.com/article/S1547-5271(14)00334-8/fulltext</a>	No Cost	3/28/2023

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Perioperative Practice/Clinical Practice & Safety	Leadless Pacemakers Reduce Risk of Device-Related Infection: Review of the Potential Mechanisms <b>Heart Rhythm</b> <b>August 2020</b> <a href="https://www.heartrhythmjournal.com/article/S1547-5271(20)30280-0/fulltext">https://www.heartrhythmjournal.com/article/S1547-5271(20)30280-0/fulltext</a>	No Cost	3/28/2023
	Left Bundle Branch Area Pacing for Cardiac Resynchronization Therapy: Results from the International LBBAP Collaborative Study Group <b>JACC: Clinical Electrophysiology</b> <b>February 2021</b> <a href="https://doi.org/10.1016/j.jacep.2020.08.015">https://doi.org/10.1016/j.jacep.2020.08.015</a>	No Cost	4/4/2023
	Tine-Based Leadless Pacemaker: Strategies for Safe Implantation in Unconventional Clinical Scenarios <b>JACC: Clinical Electrophysiology</b> <b>October 2020</b> <a href="https://www.jacc.org/doi/10.1016/j.jacep.2020.08.021">https://www.jacc.org/doi/10.1016/j.jacep.2020.08.021</a>	No Cost	4/4/2023
	Occupational radiation exposure in the electrophysiology laboratory with a focus on personnel with reproductive potential and during pregnancy: A European Heart Rhythm Association (EHRA) consensus document endorsed by the Heart Rhythm Society (HRS) <b>EP Europace</b> <b>November 6, 2017</b> <a href="https://academic.oup.com/europace/article/19/12/1909/4596571">https://academic.oup.com/europace/article/19/12/1909/4596571</a>	No Cost	3/3/2023
	Cardiac Resynchronization Therapy in Patients with Nonischemic Cardiomyopathy Using Left Bundle Branch Pacing <b>JACC: Clinical Electrophysiology</b> <b>July 2020</b> <a href="https://www.jacc.org/doi/abs/10.1016/j.jacep.2020.04.011">https://www.jacc.org/doi/abs/10.1016/j.jacep.2020.04.011</a>	No Cost	10/4/2022
	EHRA Expert Consensus Statement and Practical Guide on Optimal Implantation Technique for Conventional Pacemakers and Implantable Cardioverter-defibrillators: Endorsed by the Heart Rhythm Society (HRS), the Asia Pacific Heart Rhythm Society (APHRS), and the Latin-American Heart Rhythm Society (LAHRS) <b>EP Europace</b> <b>July 2021</b> <a href="https://academic.oup.com/europace/article/23/7/983/6240171?login=false">https://academic.oup.com/europace/article/23/7/983/6240171?login=false</a>	No Cost	10/4/2022
	Prevention of Arrhythmia Device Infection Trial: The PADIT Trial <b>Journal of the American College of Cardiology</b> <b>December 18, 2018</b> <a href="https://reader.elsevier.com/reader/sd/pii/S073510971838834X?token=6ABC9DA85FD54A2C9B45E7AD18F5F389147C748E38AFD39C44858E418E5CA6D4B650182B15F107EA0461953065CA6096&amp;originRegion=us-east-1&amp;originCreation=20211221223141">https://reader.elsevier.com/reader/sd/pii/S073510971838834X?token=6ABC9DA85FD54A2C9B45E7AD18F5F389147C748E38AFD39C44858E418E5CA6D4B650182B15F107EA0461953065CA6096&amp;originRegion=us-east-1&amp;originCreation=20211221223141</a>	No Cost	1/13/2022
	Improving Cardiac Resynchronization Therapy <b>Arrhythmia Electrophysiology Review</b> <b>July 2019</b> <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6702464/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6702464/</a>	No Cost	1/11/2022