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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 Circulation: Arrhythmia and Electrophysiology February 2019 https://www.ahajournals.org/doi/10.1161/CIRCEP.118.006816	No Cost	9/28/2023
	His-Bundle Pacing is the Best Approach to Physiological Pacing Heart Rhythm O2 April 2020 https://www.heartrhythmopen.com/article/S2666-5018(20)30008-8/fulltext	No Cost	9/28/2023
	Pacing in vasovagal syncope: physiology, pacemaker sensors, and recent clinical trials-precise patient selection and measurable benefit Heart Rhythm May 2020 (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 Journal of the American College of Cardiology March 28, 2014 https://www.sciencedirect.com/science/article/pii/S0735109714017409?via%3Dihub	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 Heart Rhythm May 14, 2015 https://pubmed.ncbi.nlm.nih.gov/25980576/	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 Circulation November 2018 https://www.ahajournals.org/doi/10.1161/CIR.000000.0000000627	No Cost	4/4/2023
	2022 HRS Expert Consensus Statement on Evaluation and Management of Arrhythmic Risk in Neuromuscular Disorders Heart Rhythm Society October 2022 https://www.heartrhythmjournal.com/action/showPdf?pii=S1547-5271%2822%2901946-4	No Cost	4/4/2023
	Diagnosis and Management of Patients with Heart Failure with Preserved Ejection Fraction (HFpEF): Current Perspectives and Recommendations Therapeutics and Clinical Risk Management 2020 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7450524/pdf/tcrm-16-769.pdf	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 Circulation 2018 https://www.ahajournals.org/doi/10.1161/CIR.0000000000000549	No Cost	3/24/2023
	Management of Hypertrophic Cardiomyopathy: JACC State-of-the-Art Review Journal of the American College of Cardiology February 1, 2022 https://www.jacc.org/doi/epdf/10.1016/j.jacc.2021.11.021	No Cost	3/24/2023
	Magnetic Resonance Imaging in Patients with Cardiac implantable Electronic Devices with Abandoned Leads JAMA Cardio. February 17, 2021 https://jamanetwork.com/journals/jamacardiology/fullarticle/2776350	No Cost	3/3/2023
	Management of Arrhythmias in Cardiac Amyloidosis: State-Of-The-Art Review J Am Coll Cardiol EP April 6, 2020 https://www.jacc.org/doi/10.1016/j.jacep.2020.01.004	No Cost	3/3/2023
	Evolution of Risk Stratification and Sudden Death Prevention in Hypertrophic Cardiomyopathy: Twenty Years with the Implantable Cardioverter-Defibrillator Heart Rhythm January 25,2021 https://www.heartrhythmjournal.com/article/S1547-5271(21)00047-3/fulltext	No Cost	10/4/2022
	Implantable Defibrillator Therapy in Cardiac Arrest Survivors with a Reversible Cause Circulation: Arrhythmia and Electrophysiology March 15, 2018 https://www.ahajournals.org/doi/10.1161/CIRCEP.117.005940	No Cost	10/4/2022
	Safety and Efficacy of the Subcutaneous Implantable Defibrillator Journal of the American College of Cardiology February 2, 2016 https://www.sciencedirect.com/science/article/pii/S0735109715074793?via%3Dihub	No Cost	10/4/2022
	Troubleshooting Implanted Cardioverter-Defibrillator Sensing Problems II - Part 2 of a 2-Part Series Circulation: Arrhythmia and Electrophysiology February 1, 2015 https://www.ahajournals.org/doi/epdf/10.1161/CIRCEP.114.002514	No Cost	1/13/2022
	Electrocardiographic Analysis for HIS Bundle Pacing at Implantation and Follow-up Journal of the American College of Cardiology: Clinical Electrophysiology July 2020 https://reader.elsevier.com/reader/sd/pii/S2405500X20302383?toKen=83760852A051BA976FB3190865780B4E23034643A869E237F2FD0A4497B0FFC032650727E188DA2D289DCCB198C1FB54&originRegion=us-east-1&originCreation=20211215172540	No Cost	1/12/2022
	Left Bundle Branch Area Pacing vs Biventricular Pacing for Cardiac Resynchronization: A Systematic Review and Meta-analysis Heart Rhythm O2 November 2023 https://www.sciencedirect.com/science/article/pii/S2666501823001629?via%3Dihub	No Cost	12/20/2024

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Fundamentals & Applied Science and Technology	Repetitive non-reentrant ventriculoatrial synchrony: An underrecognized cause of pacemaker-related arrhythmia Heart Rhythm 2016 (Gain Access in Oasis.)	No Cost	5/11/2023
	Bioengineering the Cardiac Conduction System: Advances in Cellular, Gene, and Tissue Engineering for Heart Rhythm Regeneration Front Bioeng Biotechnol August 2, 2021 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8365186/pdf/fbioe-09-673477.pdf	No Cost	4/5/2023
	Inappropriate Sinus Tachycardia: Etiology, Pathophysiology, and Management: JACC Review Topic of the Week JACC June 21, 2022 https://www.jacc.org/doi/epdf/10.1016/j.jacc.2022.04.019	No Cost	4/5/2023
	2020 ESC Guidelines for the Diagnosis and Management of Atrial Fibrillation European Heart Journal August 29, 2020 https://academic.oup.com/eurheartj/article/42/5/373/5899003	No Cost	3/3/2023
	Impedance in the Diagnosis of Lead Malfunction Circulation: Arrhythmia and Electrophysiology February 2020 https://www.ahajournals.org/doi/epub/10.1161/CIRCEP.119.008092	No Cost	3/3/2023
	Adapting Detection Sensitivity Based on Evidence of Irregular Sinus Arrhythmia to Improve Atrial Fibrillation Detection in Insertable Cardiac Monitors EP Europace 2018 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6277148/pdf/eux272.pdf	No Cost	1/11/2022
	The V6-V1 Interpeak Interval: A Novel Criterion for the Diagnosis of Left Bundle Branch Capture Europace January 2022 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8742628	No Cost	12/20/2024
	Anticoagulation with Edoxaban in Patients with Atrial High-Rate Episodes New England Journal of Medicine 2023 https://www.nejm.org/doi/full/10.1056/NEJMoa2303062?query=recirc_curatedRelated_article	No Cost	12/20/2024
Patient and Device Follow-Up Management and Radiology	Clinical performance of implantable cardioverter defibrillator lead monitoring diagnostics Heart Rhythm Journal March 2022 https://www.heartrhythmjournal.com/action/showPdf?pii=S1547-5271%2821%2902328-6	No Cost	9/28/2023
	Antitachycardia Pacing Success in Implantable Cardioverter-Defibrillators by Patient, Device, and Programming Characteristics Heart Rhythm 2023 https://www.heartrhythmjournal.com/action/showPdf?pii=S1547-5271%2822%2902517-6	No Cost	12/20/2024
	Subcutaneous or Transvenous Defibrillator Therapy The New England Journal of Medicine August 6, 2020 https://www.nejm.org/doi/pdf/10.1056/NEJMoa1915932?articleTools=true	No Cost	9/28/2023
	Early Lead Extraction for Infected Implanted Cardiac Electronic Devices: JACC Review Topic of the Week Journal of the American College of Cardiology April 2023 https://www.jacc.org/doi/10.1016/j.jacc.2023.01.038	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 Heart Rhythm 2020 (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 Europace September 13, 2021 https://academic.oup.com/europace/article/24/3/362/6369570?login=false	No Cost	3/3/2023
	Long-Term Outcomes Among a Nationwide Cohort of Patients Using an Implantable Cardioverter-Defibrillator: UMBRELLA Study Final Results JAHA December 25, 2020 https://www.ahajournals.org/doi/epub/10.1161/JAHA.120.018108	No Cost	3/3/2023
	Antibacterial Envelope to Prevent Cardiac Implantable Device Infection The New England Journal of Medicine May 16, 2019 https://www.nejm.org/doi/pdf/10.1056/NEJMoa1901111?articleTools=true	No Cost	1/13/2022
	Bradycardia Pacing-Induced Short-Long-Short Sequences at the Onset of Ventricular Tachyarrhythmias - A Possible Mechanism of Proarrhythmia? Journal of the American College of Cardiology August 14, 2007 https://reader.elsevier.com/reader/sd/pii/S0735109707017020?token=6DB1ABF7D1F2A6476A7ECF8E89C3D06F4EF3973AD408FCC719470477712DC82718E5C7B11F1C47D907E3C241B220565A&originRegion=us-east-1&originCreation=20211221223537	No Cost	1/13/2022
	Trends of Cardiovascular Implantable Electronic Device Infection in 3 Decades: A Population-Based Study Journal of the American College of Cardiology: Clinical Electrophysiology September 2019 https://www.sciencedirect.com/science/article/pii/S2405500X19304773	No Cost	1/13/2022
	Troubleshooting Implanted Cardioverter Defibrillator Sensing Problems, I - Part 1 of a 2-Part Series Circulation: Arrhythmia and Electrophysiology December 2014 https://www.ahajournals.org/doi/epdf/10.1161/CIRCEP.114.002344	No Cost	1/13/2022
	Cardiac Pacemakers: Function, Troubleshooting and Management. Part 1 Journal of the American College of Cardiology January 17, 2017 https://reader.elsevier.com/reader/sd/pii/S073510971637067X?token=AF5A2610D29741A14FBB53756D5E1E61010E2130E20BB62A15772AF1D681AFAEAC6031B6EB0923AF04C7598B27CBB3C7&originRegion=us-east-1&originCreation=20211215172715	No Cost	1/13/2022

Topic	Article Title	Access	Date Added
Perioperative Practice/Clinical Practice & Safety	Risk Factors for CIED Infection After Secondary Procedures Insights From the WRAP-IT Trial JACC: Clinical Electrophysiology January 2022 https://www.sciencedirect.com/science/article/pii/S2405500X21007660 (Copy link into browser)	No Cost	9/28/2023
	Risk factors for hematoma in patients undergoing cardiac device procedures: A WRAP-IT trial analysis Heart Rhythm O² October 2022 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9626743/	No Cost	9/28/2023
	Indications for Cardiac Resynchronization Therapy: A Comparison of the Major International Guidelines JACC: Heart Failure April 2018 https://www.sciencedirect.com/science/article/pii/S2213177918301203#! (Copy link into browser.)	No Cost	9/28/2023
	A Review of Cardiac Implantable Electronic Device Infections for the Practicing Electrophysiologist: State of the Art Review JACC: Clinical Electrophysiology June 2021 https://www.jacc.org/doi/10.1016/j.jacep.2021.03.021	No Cost	9/28/2023
	Infections Associated with Resterilized Pacemakers and Defibrillators The New England Journal of Medicine May 2020 https://www.nejm.org/doi/full/10.1056/NEJMoa1813876	No Cost	9/28/2023
	Clinical predictors of incomplete coronary sinus lead removal during transvenous lead extraction in patients with cardiac resynchronization therapy Heart Rhythm Journal March 2023 https://www.heartrhythmjournal.com/article/S1547-5271(23)00244-8/fulltext	No Cost	9/28/2023
	Troubleshooting and programming considerations for HIS bundle pacing Heart Rhythm 2019 (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 Circulation May 2014 https://www.ahajournals.org/doi/10.1161/CIR.000000000000056	No Cost	4/4/2023
	Heart Rhythm Society Expert Consensus Statement on Electrophysiology Laboratory Standards: Process, Protocols, Equipment, Personnel, and Safety Heart Rhythm Society May 7, 2014 https://www.heartrhythmjournal.com/article/S1547-5271(14)00334-8/fulltext	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 Heart Rhythm August 2020 https://www.heartrhythmjournal.com/article/S1547-5271(20)30280-0/fulltext	No Cost	3/28/2023
	Left Bundle Branch Area Pacing for Cardiac Resynchronization Therapy: Results from the International LBBAP Collaborative Study Group JACC: Clinical Electrophysiology February 2021 https://doi.org/10.1016/j.jacep.2020.08.015	No Cost	4/4/2023
	Tine-Based Leadless Pacemaker: Strategies for Safe Implantation in Unconventional Clinical Scenarios JACC: Clinical Electrophysiology October 2020 https://www.jacc.org/doi/10.1016/j.jacep.2020.08.021	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) EP Europace November 6, 2017 https://academic.oup.com/europace/article/19/12/1909/4596571	No Cost	3/3/2023
	Cardiac Resynchronization Therapy in Patients with Nonischemic Cardiomyopathy Using Left Bundle Branch Pacing JACC: Clinical Electrophysiology July 2020 https://www.jacc.org/doi/abs/10.1016/j.jacep.2020.04.011	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) EP Europace July 2021 https://academic.oup.com/europace/article/23/7/983/6240171?login=false	No Cost	10/4/2022
	Prevention of Arrhythmia Device Infection Trial: The PADIT Trial Journal of the American College of Cardiology December 18, 2018 https://reader.elsevier.com/reader/sd/pii/S073510971838834X?token=6ABC9DA85FD54A2C9B45E7AD18F5F389147C748E38AFD39C44858E418E5CA6D4B650182B15F107EA0461953065CA6096&originRegion=us-east-1&originCreation=20211221223141	No Cost	1/13/2022
	Improving Cardiac Resynchronization Therapy Arrhythmia Electrophysiology Review July 2019 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6702464/	No Cost	1/11/2022
	2023 HRS/APHRS/LAHRS Guideline on Cardiac Physiologic Pacing for the Avoidance and Mitigation of Heart Failure Heart Rhythm 2023 https://www.sciencedirect.com/science/article/pii/S154752712302026X?via%3Dihub	No Cost	12/20/2024
	EHRA Clinical Consensus Statement on Conduction System Pacing Implantation: Endorsed by the Asia Pacific Heart Rhythm Society (APHRS), Canadian Heart Rhythm Society (CHRS), and Latin American Heart Rhythm Society (LAHRS) Europace April 2023 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10105878/	No Cost	12/20/2024

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Device and Lead Function	Cardiac Pacemakers: Function, Troubleshooting, and Management Part 1 of a 2-Part Series Journal of the American College of Cardiology January 2017 https://www.sciencedirect.com/science/article/pii/S073510971637067X	No Cost	12/20/2024