

Cardiac Science Corporation

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Contact Details:

**3303 Monte Villa Parkway
Bothell
Washington
98021
United States of America**

Tel: (425) 402-2000

Fax:

Email: investor@cardiacscience.com

Cardiac Science Corporation is a global leader in the development, manufacture and marketing of diagnostic and therapeutic cardiology products and services. Formed by the merger of Cardiac Science, Inc. and Quinton Cardiology Systems in September 2005, the predecessor companies have a rich legacy of technology development in the market for cardiology devices. Cardiac Science Corporation provides a full spectrum of cardiology products and services that help protect hearts and save lives. From devices designed to identify the early stages of heart disease-such as Electrocardiographs, Cardiac Stress Testing Systems, and Holter Monitors-to sophisticated systems that enable Cardiac Rehabilitation and Cardiology Data Management-to innovative and patented automated external defibrillators (AEDs) that provide assistance to victims of sudden cardiac arrest for both medical and non-medical markets.

Recent Publications by Cardiac Science Corporation:



- [Spatial regulation of intracellular pH in multicellular strands of neonatal rat cardiomyocytes.](#)
AIMS: Intracellular pH (pH(i)), an important modulator of cardiac... 16th October, 2009
Burdon Sanderson Cardiac Science Centre, Department of Physiology, Anatomy- Cardiovasc Res. 2009 Oct 14. ([DOI Direct Link](#))
- [Long-term effect of neuronal nitric oxide synthase over-expression on cardiac neurotransmission mediated by a lentiviral vector.](#)
Short-term over-expression of neuronal nitric oxide synthase (nNOS) with... 16th October, 2009
Burdon Sanderson Cardiac Science Centre, Department of Physiology, Anatomy- J Physiol. 2009 Jul 15;587(Pt 14):3629-37. Epub 2009 Jun 2. ([DOI Direct Link](#))
- [The role of carbonic anhydrase 9 in regulating extracellular and intracellular ph in three-dimensional tumor cell growths.](#)
We have studied the role of carbonic anhydrase 9 (CA9), a... 29th September, 2009

- From the Department of Physiology, Anatomy and Genetics, Burdon Sanderson- J Biol Chem. 2009 Jul 24;284(30):20299-310. Epub 2009 May 19. ([DOI Direct Link](#))
- [Intracellular pH regulation in heart.](#)
*Intracellular pH (pHi) is an important modulator of cardiac excitation and...*9th June, 2009
 Burdon Sanderson Cardiac Science Centre, Department of Physiology, Anatomy- J Mol Cell Cardiol. 2009 Mar;46(3):318-31. Epub 2008 Nov 8. ([DOI Direct Link](#))
 - [Targeting cardiac sympatho-vagal imbalance using gene transfer of nitric oxide synthase.](#)
*Heightened sympathetic excitation and diminished parasympathetic...*7th May, 2009
 Department of Physiology, Burdon-Sanderson Cardiac Science Centre, Anatomy- J Mol Cell Cardiol. 2009 Apr;46(4):482-9. Epub 2009 Jan 7. ([DOI Direct Link](#))
 - [Neuromodulators of peripheral cardiac sympatho-vagal balance.](#)
*The traditional model of efferent cardiac noradrenaline and acetylcholine...*4th April, 2009
 Burdon Sanderson Cardiac Science Centre, Department of Physiology, Anatomy- Exp Physiol. 2009 Jan;94(1):46-53. Epub 2008 Oct 22. ([DOI Direct Link](#))
 - [When to suspect an aortopulmonary window in a pink Tetralogy of Fallot.](#)
*We have studied the role of carbonic anhydrase 9 (CA9), a...*21st March, 2009
 Department of Pediatric Cardiology, Narayana Hrudayalaya Institute of- Indian Heart J. 2008 Mar-Apr;60(2):146-8.
 - [Prime-time defibrillation comes out from behind the security desk.](#)
*Intracellular pH (pHi) is an important modulator of cardiac excitation and...*23rd January, 2009
 Cardiac Science Corp, Bothell, WA, USA.- Occup Health Saf. 2008 Oct;77(10):64, 66, 68.
 - [Prediction of cardiovascular death using a novel heart rate recovery parameter.](#)
*INTRODUCTION: Reassertion of vagal tone after exercise is an important...*22nd October, 2008
 Cardiac- Med Sci Sports Exerc. 2008 Jun;40(6):1072-9. ([DOI Direct Link](#))
 - [Ca²⁺-mobility in the sarcoplasmic reticulum of ventricular myocytes is low.](#)
*The sarcoplasmic reticulum (SR) in ventricular myocytes contains...*9th September, 2008
 Burdon Sanderson Cardiac Science Centre, Department of Physiology,- Biophys J. 2008 Aug;95(3):1412-27. Epub 2008 Apr 4. ([DOI Direct Link](#))
 - [Tumor-associated carbonic anhydrase 9 spatially coordinates intracellular pH in three-dimensional multicellular growths.](#)
*CA9 is a membrane-tethered, carbonic anhydrase (CA) enzyme, expressed...*4th September, 2008
 Department of Physiology, Anatomy, and Genetics, Burdon Sanderson Cardiac- J Biol Chem. 2008 Jul 18;283(29):20473-83. Epub 2008 May 15. ([DOI Direct Link](#))
 - [Neuropeptide Y reduces acetylcholine release and vagal bradycardia via a Y2 receptor-mediated, protein kinase C-dependent pathway.](#)
*The co-transmitter neuropeptide Y (NPY), released during prolonged cardiac...*5th August, 2008
 Burdon Sanderson Cardiac Science Centre, Department of Physiology, Anatomy- J Mol Cell Cardiol. 2008 Mar;44(3):477-85. Epub 2007 Oct 11. ([DOI Direct Link](#))
 - [Measuring and modeling chloride-hydroxyl exchange in the Guinea-pig ventricular myocyte.](#)
*Protons are powerful modulators of cardiac function. Their intracellular...*23rd May, 2008
 Burdon Sanderson Cardiac Science Centre, Department of Physiology, Anatomy- Biophys J. 2008 Mar 15;94(6):2385-403. Epub 2007 Nov 30. ([DOI Direct Link](#))
 - [S0859, an N-cyanosulphonamide inhibitor of sodium-bicarbonate cotransport in the heart.](#)
*BACKGROUND AND PURPOSE: Intracellular pH (pH(i)) in heart is regulated by...*16th May, 2008
 Burdon Sanderson Cardiac Science Centre, Department of Physiology, Anatomy- Br J Pharmacol. 2008 Mar;153(5):972-82. Epub 2008 Jan 21. ([DOI Direct Link](#))
 - [Early outcome of children with complex atrial isomerism undergoing uni-ventricular cardiac palliation.](#)
*OBJECTIVE: To review the postoperative intensive care unit (ICU) course...*28th March, 2008
 Cardiac Science Department, King Abdul-Aziz Medical City, National Guard- Saudi Med J. 2007 Dec;28(12):1855-9.

Press Releases on Cardiac Science Corporation:

Centene Corporation to Present at Bank of America Merrill Lynch Credit Conference	20th November, 2009	Centene Corporation	ST. LOUIS, Nov. 20 /PRNewswire-FirstCall/ -- Centene Corporation (NYSE: CNC) today announced that it will present at the Bank of America Merrill Lynch 2009 Credit Conference, to be held December 2-3,
Case Studies Offer Inside Look at Effective Ways to Address Global Health Challenges	20th November, 2009	Alliance for Case Studies for Global Health	Publication to Serve as Guide to Understanding, Building Productive Partnerships WASHINGTON, Nov. 20 /PRNewswire-USNewswire/ -- Meaningful and lasting progress in addressing global health challenges
California Minority Advocacy Groups Send Letter to Blue Shield of California Calling for an End to Discriminatory Practice that Denies Patients in Pain Access to Proper Medication	20th November, 2009	Healthy African American Families	LOS ANGELES, Nov. 20 /PRNewswire/ -- California minority advocacy groups including Healthy African American Families, The Wall/Las Memorias, Latina Breast Cancer Agency, Black Barbershop Health
Reportlinker Adds Power Wheelchair Market Shares, Strategies, and Forecasts, Worldwide, 2009 to 2015	20th November, 2009	Reportlinker	NEW YORK, Nov. 20 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. Power Wheelchair Market Shares, Strategies, and Forecasts, Worldwide,
Reportlinker Adds Medical Adhesives and Sealants - A US Market Review	20th November, 2009	Reportlinker	NEW YORK, Nov. 20 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. Medical Adhesives and Sealants - A US Market Review http://www

BioNews Results for Cardiac Science Corporation



- [Cardiac Science Notifies AED Customers of Nationwide Voluntary Medical Device Correction](#)
KSLA: Nov 14 2009 4:30PM Matching: cardiac science
- [Cardiac Science Notifies AED Customers of Nationwide Voluntary Medical Device Correction](#)
KLFY: Nov 14 2009 3:56AM Matching: cardiac science
- [Cardiac Science Notifies AED Customers of Nationwide Voluntary Medical Device Correction](#)

- TickerTech.com: Nov 14 2009 10:09PM Matching: cardiac science*
- [Cardiac Science and Cambridge Heart team up to develop MTWA module](#)
News-Medical.Net: Nov 13 2009 7:23AM Matching: cardiac science
 - [Cardiac Science and Cambridge Heart Announce Development Partnership](#)
Yahoo! Canada: Nov 12 2009 4:25PM Matching: cardiac science
 - [Cardiac Science and Cambridge Heart Announce Development Partnership](#)
Freshnews.com: Nov 12 2009 2:20PM Matching: cardiac science
 - [Cardiac Science and Cambridge Heart Announce Development Partnership](#)
Genetic Engineering News: Nov 12 2009 2:42PM Matching: cardiac science
 - [Cambridge Heart, Cardiac Science Form Development Partnership](#)
FDA News: Nov 12 2009 10:39PM Matching: cardiac science
 - [Cardiac Science Appoints Peter Kingma Senior Vice President Sales and Marketing](#)
Montana's News Station: Nov 11 2009 11:27PM Matching: cardiac science
 - [Cardiac Science Appoints Peter Kingma Senior Vice President Sales and Marketing](#)
KSLA: Nov 11 2009 10:27PM Matching: cardiac science
 - [Cardiac Science Adds to Board](#)
TradingMarkets: Nov 10 2009 5:21AM Matching: cardiac science
 - [Cardiac Science Appoints Healthcare Executive Ronald A. Andrews, Jr. to Board of Directors](#)
Healthcare Sales & Marketing Network: Nov 8 2009 7:34PM Matching: cardiac science
 - [Cardiac Science Appoints Healthcare Executive Ronald A. Andrews, Jr. to Board of Directors](#)
Yahoo! Canada: Nov 6 2009 12:54AM Matching: cardiac science
 - [Cardiac Science Appoints Healthcare Executive Ronald A. Andrews, Jr. to Board of Directors](#)
Red Orbit: Nov 6 2009 12:53AM Matching: cardiac science
 - [Cardiac Science Corporation at the Annual Canaccord Adams Cardiovascular Conference](#)
Medicexchange.com: Nov 6 2009 7:47AM Matching: cardiac science

Cardiac Science Corporation Patents:



- 7463923- [Method and apparatus for delivering a biphasic defibrillation pulse with variable energy](#)
- 6658290- [Public access defibrillator](#)
- 6546285- [Long term wear electrode for defibrillation system](#)
- 6539255- [Full-tilt exponential defibrillation waveform](#)
- 6490478- [System and method for complexity analysis-based cardiac tachyarrhythmia detection](#)
- 6480734- [Cardiac arrhythmia detector using ECG waveform-factor and its irregularity](#)
- 6427083- [Defibrillation system](#)
- 6418342- [Defibrillation system](#)
- 6374138- [Defibrillation system](#)
- 6304780- [External defibrillator system with diagnostic module](#)
- 6301502- [Defibrillation system](#)
- 6289243- [Automatic external cardioverter/defibrillator with tachyarrhythmia detector using a modulation \(amplitude and frequency\) domain function](#)
- 6148233- [Defibrillation system having segmented electrodes](#)
- 6668192- [Automated external defibrillator with the ability to store rescue information](#)
- 6671545- [Defibrillator with controller operating in a low power mode](#)

- 6780017- [Cardiopulmonary resuscitation manikin with replaceable lung bag and installation tool](#)
- 7457662- [Method and apparatus for variable capacitance defibrillation](#)
- 7174204- [Methods for quantifying the morphology and amplitude of cardiac action potential alternans](#)
- 7167744- [Methods for quantifying the morphology and amplitude of cardiac action potential alternans](#)
- 7136694- [Methods for quantifying the morphology and amplitude of cardiac action potential alternans](#)
- 7020520- [Defibrillator enclosure system](#)
- 7006865- [Automatic defibrillator module for integration with standard patient monitoring equipment](#)
- 6993386- [Public access defibrillator](#)
- 6983183- [Method and apparatus for monitoring cardiac patients for T-wave alternans](#)
- 6969259- [Programmable AED-CPR training device](#)
- 6948295- [Dual-function recyclable platform](#)
- 6944498- [Method of utilizing an external defibrillator by replacing its electrodes](#)
- 6872080- [Programmable AED-CPR training device](#)
- 5474574- [Automatic external cardioverter/defibrillator](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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