

BIOTRONIK

[View the current BIOTRONIK Page on BioPortfolio.com](http://www.bioportfolio.com)

(<http://www.bioportfolio.com/biocorporate/19941-BIOTRONIK.html>)

Contact Details:

**Woermannkehre 1
Berlin**

Tel: 49 (0) 30 6 89 05 –0

Fax: 49 (0) 30 6 85 28 04

Email: info@biotronik.de

**D-12359
Germany**

BIOTRONIK® is a leading European company in the field of biomedical technology. Our main focus is on the business sectors of electrotherapy of the heart and vascular intervention. Our products help physicians to save lives and to improve patients' quality of life.

Recent Publications by BIOTRONIK:



- [A simulation framework for dual chamber heart rhythm and cardiac pacing.](#)
*A previously developed open source computer model allows realistic...*12th May, 2009
Micro Systems Engineering, Inc., Lake Oswego, OR 97035, USA.- Conf Proc IEEE Eng Med Biol Soc. 2008;2008:1737-40. ([DOI Direct Link](#))
- [Heart rhythm and cardiac pacing: an integrated dual-chamber heart and pacer model.](#)
*Modern cardiac pacemaker can sense electrical activity in both atrium and...*3rd February, 2009
Micro Systems Engineering, Inc., Lake Oswego, OR 97035, USA.- Ann Biomed Eng. 2009 Jan;37(1):64-81. Epub 2008 Oct 18. ([DOI Direct Link](#))
- [A discrete-time control algorithm applied to closed-loop pacing of HL-1 cardiomyocytes.](#)
*Electrical stimulation represents a useful tool for electrophysiologic...*27th February, 2008
Department of Electrical Engineering, Stanford University, Stanford, CA- IEEE Trans Biomed Eng. 2008 Jan;55(1):21-30. ([DOI Direct Link](#))
- [Tiletamine-zolazepam and xylazine is a potent cardiodepressive combination: a case report.](#)
*Intramuscular injection of tiletamine-zolazepam and xylazine is commonly...*4th January, 2008
MicroSystems Engineering, Lake Oswego, OR, USA.- J Am Assoc Lab Anim Sci. 2007 Nov;46(6):63-4.
- [Ventricular rate smoothing for atrial fibrillation: a quantitative comparison study.](#)
*AIMS: To quantitatively compare the ventricular rate-smoothing (VRS)...*6th December, 2007
Applied Clinical Research Department, Micro Systems Engineering, Inc.,- Europace. 2007

- Jul;9(7):506-13. Epub 2007 May 16. ([DOI Direct Link](#))
- [On the role of ventricular conduction time in rate stabilization for atrial fibrillation.](#)
*AIM: Ventricular pacing (VP) could stabilize the ventricular rhythm in...*8th August, 2007
 Micro Systems Engineering, Inc., 6024 SW Jean Road, Lake Oswego, OR 97035,- Europace. 2007 May;9(5):289-93. Epub 2007 Mar 29. ([DOI Direct Link](#))
 - [Open source model for generating RR intervals in atrial fibrillation and beyond.](#)
*BACKGROUND: Realistic modeling of cardiac inter-beat (RR) intervals is...*4th April, 2007
 Micro Systems Engineering, Inc., Lake Oswego, OR 97035, USA.- Biomed Eng Online. 2007 Mar 2;6:9. ([DOI Direct Link](#))
 - [Computer modeling of ventricular rhythm during atrial fibrillation and ventricular pacing.](#)
*We propose a unified atrial fibrillation (AF)-ventricular pacing (VP)...*21st September, 2006
 Micro Systems Engineering Inc, Lake Oswego, OR 97035, USA.- IEEE Trans Biomed Eng. 2006 Aug;53(8):1512-20. ([DOI Direct Link](#))
 - [Wireless remote monitoring for patients with atrial tachyarrhythmias.](#)
*We propose a unified atrial fibrillation (AF)-ventricular pacing (VP)...*4th March, 2005
 BIOTRONIK GmbH & Co. KG, Director Health Services, Woermannkehre 1,- J Electrocardiol. 2004;37 Suppl:53-4.
 - [The value of permanent follow-up of implantable pacemakers--first results of an European trial.](#)
*A clinical study investigates the use of Home Monitoring (HM) in pacemaker...*14th March, 2003
 Biotronik GmbH, Technology & Service Center, Erlangen, Germany.- Biomed Tech (Berl). 2002;47 Suppl 1 Pt 2:950-3.
 - [Relative ventricular volume measurements by intracardiac impedance.](#)
*The purpose of this study was to investigate whether changes of the right...*7th March, 2003
 Biotronik- Biomed Tech (Berl). 2002;47 Suppl 1 Pt 1:130-1.

Press Releases on BIOTRONIK:

[Covered Stent Use
 Minimized by European
 Health Care Reforms,
 According to Millennium
 Research Group](#)

17th November, 2008

WALTHAM, Massachusetts,
 November 17 /PRNewswire/ --
 According to Millennium
 Research Group's
 (MRG's) Europe II
 Markets for Peripheral Vascular
 Devices report, covering Spain,
 Switzerland,

BioNews Results for BIOTRONIK



- [BIOTRONIK, Inc., Names Dan Schlewitz Executive VP of Sales](#)
Genetic Engineering News: Nov 11 2009 12:22PM Matching: biotronic
- [BIOTRONIK, Names Dan Schlewitz Executive VP of Sales](#)
BioSpace: Nov 11 2009 7:44PM Matching: biotronic
- [BIOTRONIK Announces Results of REPLACE Registry](#)
Diagnostic & Invasive Cardiology: Nov 7 2009 4:55AM Matching: biotronic
- [BIOTRONIK Announces Acceptance of REPLACE Registry Presentation as Part of Late-Breaking Clinical Science Sess](#)

- Freshnews.com: Nov 4 2009 8:09PM Matching: biotronic*
- [BIOTRONIK Announces Results of REPLACE Registry, the First and Largest Prospective Study of Device Replacement](#)
Freshnews.com: Nov 4 2009 8:09PM Matching: biotronic
 - [BIOTRONIK Announces Acceptance of REPLACE Registry Presentation as Part of Late-Breaking Clinical Science Session at American Heart Association](#)
Yahoo! Canada: Nov 4 2009 6:30PM Matching: biotronic
 - [BIOTRONIK Announces Results of REPLACE Registry, the First and Largest Prospective Study of Device Replacement Includes All CRM Manufacturers](#)
Yahoo! Canada: Nov 4 2009 6:30PM Matching: biotronic
 - [BIOTRONIK Launches Evia Pacemaker Series](#)
EP Lab Digest: Nov 3 2009 1:19PM Matching: biotronic
 - [BIOTRONIK launches its new, unified platform pacemaker series in Europe](#)
News-Medical.Net: Oct 27 2009 9:22PM Matching: biotronic
 - [BIOTRONIK Launches Evia Pacemaker Series](#)
Yahoo! Canada: Oct 27 2009 5:31PM Matching: biotronic
 - [BIOTRONIK Home Monitoring Approved in Europe to Replace Hospital Visits](#)
Diagnostic & Invasive Cardiology: Oct 21 2009 1:33PM Matching: biotronic
 - [Report from Europe: Biotronic gets CE mark for remote patient monitoring technology](#)
Medical Device Daily: Oct 18 2009 10:19PM Matching: biotronic
 - [BIOTRONIK Home Monitoring Gains Approval to Replace Hospital Visits for Device Follow-Ups](#)
Diagnostic & Invasive Cardiology: Oct 16 2009 9:16PM Matching: biotronic
 - [BIOTRONIK Home Monitoring Receives Industry's First Approval to Safely Replace Hospital Visits for Cardiac Dev](#)
Pharmacy Choice: Oct 16 2009 4:21AM Matching: biotronic
 - [BIOTRONIK Home Monitoring Receives Industrys First Approval to Safely Replace Hospital Visits for Cardiac Device Follow-Ups](#)
Yahoo! Canada: Oct 15 2009 3:35PM Matching: biotronic

BIOTRONIK Clinical Trials:



- [Evaluate the Benefits of Pacemaker Follow-Up With Home-Monitoring](#)

BIOTRONIK Patents:



- 6978173- [Device for influencing cell-growth mechanisms in vessels of a human or animal body](#)
- 7181270- [Arrangement for predicting tachyarrhythmia](#)

- 7182768- [Catheter for cardiovascular application](#)
- 7191003- [Stimulation arrangement with stimulation success monitoring](#)
- 7194310- [Electromedical implant for intercardial coronary therapy](#)
- 7212858- [Therapy system](#)
- 7217163- [Contact connection adapter for producing an intermittent electrical contact between two plugs](#)
- 7236827- [Single-use medical device](#)
- 7239924- [Electrode line](#)
- 7330759- [Biventricular cardiac pacemaker for cardiac resynchronisation therapy](#)
- 7395114- [Intracardial impedance measuring arrangement](#)
- 7167759- [Electrode line](#)
- 7164949- [Electrostimulator](#)
- 7130695- [Arrangement for and method of monitoring, calibrating and optimizing a control of an electromedical implant](#)
- 6979331- [Ablation device for cardiac tissue, in particular for a circular lesion around a vessel orifice in the heart](#)
- 7004968- [Stent](#)
- 7011648- [Device for implanting catheters](#)
- 7016728- [Atrial cardiac pacemaker](#)
- 7047086- [Single electrode probe for a cardiac pacemaker system](#)
- 7065404- [Rate-adaptive cardiac pacemaker](#)
- 7072714- [Pacemaker control dependent on natural AV conduction or PVC/VES detection](#)
- 7085606- [Epicardial electrode](#)
- 7110828- [Intravascular electrode line](#)
- 7127302- [Electrode lead](#)
- 7412286- [Batrial triple-chamber cardiac pacemaker with multi-conditional inhibition of second atrial stimulation](#)
- 7425852- [Phase-locked loop](#)
- 7570990- [Detector for atrial fibrillation and flutter](#)
- 7580748- [Heart stimulator](#)
- 7580758- [Implantable electrode device](#)
- 7583996- [Atrial overdrive pacing in non-atrial tracking mode while maintaining AV synchrony](#)
- 7587244- [Spring contact element](#)
- 7593766- [Detector for atrial flutter and atrial fibrillation](#)
- 7593774- [Cardiac pacemaker](#)
- 7596535- [Apparatus for the classification of physiological events](#)
- 7599159- [Voltage-resistant MOS switch](#)
- 7599747- [Screw-in electrode probe for cardiological application](#)
- 7561924- [Electrode arrangement](#)
- 7558630- [Medical electrode device, particularly implantable cardiological electrode device](#)
- 7551968- [Stimulation electrode lead](#)
- 7450990- [Stimulation device with stimulation outcome monitoring](#)
- 7473227- [Apparatus for the treatment of sleep apnea](#)
- 7474922- [Multi chamber capture detection](#)
- 7493173- [Electrode line](#)
- 7507237- [Catheter](#)
- 7511938- [Filtering assembly and a feedthrough assembly](#)
- 7519422- [Electrotherapy device](#)
- 7532928- [Atrial defibrillator](#)
- 7532929- [Adaptive ventricular rate smoothing during atrial fibrillation](#)
- 7532930- [Cardiac pacemaker](#)
- 7603172- [System and method of using regression models to estimate vulnerable periods for heart stimulation parameters](#)

BioCorporate Profiles - upgrade to a full profile

BioPortfolio's BioCorporate full profiles offers your organization the opportunity to increase internet traffic to your corporate web site and enhance awareness of your business, technology, products and services. BioCorporate profiles are dynamic and are updated weekly with new information sourced from core information resources: publications, clinical trials, patents and global news.

Why you should upgrade your BioPortfolio BioCorporate profile:

- the ability to amend and add information on products and services to your profile using a membership username and password
- the option to add a corporate logo
- the creation of high value URL links back to your organization's website which will improve search engine ranking - resulting in increased site traffic
- the option have your press releases published on BioPortfolio and distributed via our BioNewsCast service
- an enhanced BioCorporate profile will also improve your exposure on BioPortfolio's related service InDepth and GeneDB

The annual cost is \$995.00 for established organizations and \$495.00 for organizations less than 12 months old.

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

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)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

