

Aspect Medical Systems

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Today, Aspect is recognized as a pioneer and global market leader in brain monitoring, having led the way to develop proprietary technologies that directly measure these effects and ultimately improve the quality and cost effectiveness of patient care.

Aspect's premier product - Bispectral Index[®] (BIS[®]) technology - became the first clinically proven and commercially available direct measure of the effects of anesthetics and sedatives on the brain. At present an estimated 20 million patients undergo surgery with general anesthesia or deep sedation each year in the United States, and an additional 30 million in Europe and Japan. BIS technology allows medical professionals, for the first time, to reliably gauge the precise amount of drug required by each patient, resulting in better overall patient care and fewer undesirable events.

Recent Publications by Aspect Medical Systems:



- [Regulatory challenges facing closed-loop anesthetic drug infusion devices.](#)
Closed-loop anesthetic drug infusion devices show great promise for... 8th July, 2008
Aspect Medical Systems, - Clin Pharmacol Ther. 2008 Jul;84(1):166-9. Epub 2008 May 7. ([DOI Direct Link](#))
- [A true to life simulation of electrosurgery.](#)
A laboratory simulation has been devised for use in developing and testing... 11th March, 2008
Aspect Medical Systems, Inc., Boston, MA 02464, USA.- Conf Proc IEEE Eng Med Biol Soc. 2006;1:5105-8. ([DOI Direct Link](#))

Press Releases on Aspect Medical Systems:

SIRIUS XM to Broadcast &apos;Doctor Radio Reports: What Every Woman Needs To Know About Mammograms&apos;	20th November, 2009	SIRIUS XM Radio	NEW YORK, Nov. 20 /PRNewswire-FirstCall/ -- SIRIUS XM Radio (Nasdaq: SIRI) today announced that it will broadcast Doctor Radio Reports: What Every Women Needs to Know About Mammograms, an in-depth HAIFA, Israel, November 20
Cardio Vascular Medical Device to Apply for Additional Patents in Europe, Canada and Far East	20th November, 2009	Cardio Vascular Medicine Device Corp.	/PRNewswire-FirstCall/ -- Cardio Vascular Medical Device Corp. (CVSL.OB), http://www.CVSLMEDICAL.COM , a leading developer of advanced cardiovascular surgery technology,
Senate Health Bill Raises Taxes on Families of Special Needs Children	20th November, 2009	Americans for Tax Reform	WASHINGTON, Nov. 20 /PRNewswire-USNewswire/ -- There are 18 separate tax hikes in the Reid-Obama healthcare bill. One of them caps the amount that can be deferred in Flexible Spending Accounts (FSAs)
Half of Eligible Patients Do Not Get Aortic Valve Replacement	20th November, 2009	University of Michigan Health System	ANN ARBOR, Mich., Nov. 20 /PRNewswire-USNewswire/ -- Fear about the risk of surgery is among the reasons half of eligible patients are not getting aortic valve replacement surgery, according to a
Heritage Provider Network CEO Dr. Richard Merkin, Announces the Acquisition of Lakeside Medical Systems, Inc.	20th November, 2009	Heritage Provider Network, Inc.	MARINA DEL REY, Calif., Nov. 20 /PRNewswire/ -- Heritage Provider Network, and its founder, CEO and President Dr. Richard Merkin, announce that as of November 6, 2009, Lakeside Medical Systems, Inc.,

BioNews Results for Aspect Medical Systems



- [BSI Expediting Expansion of In Vitro Diagnostic Scope for Medical Devices](#)
Yahoo! Canada: Nov 12 2009 11:27PM Matching: aspect medical systems
- [Covidien Successfully Completes Tender Offer for Shares of Aspect Medical Systems, Inc.](#)
SmartBrief: Nov 8 2009 11:40AM Matching: aspect medical systems
- [Covidien Completes Acquisition of Aspect Medical Systems Inc](#)
NewsBlaze: Nov 7 2009 7:02PM Matching: aspect medical systems
- [Structural Basis of the Aberrant Receptor Binding Properties of Hagfish and Lamprey Insulins](#)

- Biochemistry: Nov 7 2009 12:32PM Matching: aspect medical systems*
- [Covidien Completes Acquisition of Aspect Medical Systems Inc](#)
Genetic Engineering News: Nov 6 2009 11:25PM Matching: aspect medical systems
 - [Covidien Successfully Completes Tender Offer for Shares of Aspect Medical Systems, Inc](#)
Pharma Live: Nov 6 2009 5:13PM Matching: aspect medical systems
 - [Covidien completes tender offer to purchase all outstanding shares of Aspect Medical Systems](#)
News-Medical.Net: Nov 6 2009 1:06PM Matching: aspect medical systems
 - [Covidien Completes Acquisition of Aspect Medical Systems Inc.](#)
SmartBrief: Nov 6 2009 11:22PM Matching: aspect medical systems
 - [Covidien Completes Acquisition of Aspect Medical Systems Inc.](#)
Individual.com: Nov 6 2009 10:50PM Matching: aspect medical systems
 - [Covidien Completes Tender Offer for Shares of Aspect Medical Systems](#)
FDA News: Nov 6 2009 10:23PM Matching: aspect medical systems
 - [Covidien Successfully Completes Tender Offer for Shares of Aspect Medical Systems, Inc.](#)
Individual.com: Nov 6 2009 2:21PM Matching: aspect medical systems
 - [Leading Enterprises and Organizations, Including Anheuser-Busch InBev, Our Kids of Miami-Dade/Monroe, Sunbelt Rentals, UCSD Medical Center, and Varian Medical Systems Are Honored f...](#)
Research & Development: Nov 6 2009 10:09PM Matching: aspect medical systems
 - [Aspect Medical Systems to present a complete family of BIS monitoring technologies at ASA meeting](#)
News-Medical.Net: Oct 20 2009 11:44AM Matching: aspect medical systems
 - [Aspect Medical Systems Features Anesthesia Outcomes Research, New Products at American Society of Anesthesiologists Annual Meeting](#)
SmartBrief: Oct 20 2009 2:18AM Matching: aspect medical systems
 - [Aspect Medical Systems Features Anesthesia Outcomes Research, New Products at American Society of Anesthesiolo](#)
Genetic Engineering News: Oct 19 2009 1:29PM Matching: aspect medical systems

Aspect Medical Systems Clinical Trials:



- [EEG Biomarkers for Predicting Response to Antidepressant Therapy](#)

Aspect Medical Systems Patents:



- 7418290- [System and method of assessment of the efficacy of treatment of neurological disorders using the electroencephalogram](#)
- 6236874- [Electrode connector system](#)

- 6032072- [Method for enhancing and separating biopotential signals](#)
- 6032064- [Electrode array system for measuring electrophysiological signals](#)
- 5813404- [Electrode connector system](#)
- 5792069- [Method and system for the extraction of cardiac artifacts from EEG signals](#)
- 5458117- [Cerebral biopotential analysis system and method](#)
- 5381804- [Monitor and method for acquiring and processing electrical signals relating to bodily functions](#)
- 5368041- [Monitor and method for acquiring and processing electrical signals relating to bodily functions](#)
- 5320109- [Cerebral biopotential analysis system and method](#)
- 6298255- [Smart electrophysiological sensor system with automatic authentication and validation and an interface for a smart electrophysiological sensor system](#)
- 6338713- [System and method for facilitating clinical decision making](#)
- 6394953- [Electrode array system for measuring electrophysiological signals](#)
- 7231245- [System and method of assessment of neurological conditions using EEG](#)
- 7220240- [System and method for adaptive drug delivery](#)
- 7161362- [System and method for measuring bioelectric impedance in the presence of interference](#)
- 6985833- [System and method for the detection and removal of radio frequency noise artifact from biopotential signals](#)
- 6882166- [System and method for measuring the validity of a bioelectric impedance measurement in the presence of interference](#)
- 6654626- [Electrode array system for measuring electrophysiological signals](#)
- 6605072- [System and method for adaptive drug delivery](#)
- 6599281- [System and method for adaptive drug delivery](#)
- 6434410- [Electrode for measuring electrophysiological signals using liquid electrolytic gel with a high salt concentration](#)
- 5305746- [Disposable, pre-gelled, self-prepping electrode](#)

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