

Telemetry

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Telemetry is a technology that allows the remote measurement and reporting of information of interest to the system designer or operator. The word is derived from Greek roots tele = remote, and metron = measure. Systems that need instructions and data sent to them in order to operate require the counterpart of telemetry, telecommand. ([From the Wikipedia article Telemetry.](#))

Recent Publications on Telemetry:



- [Prehypertensive preconditioning improves adult antihypertensive and cardioprotective treatment.](#)
*Transient prehypertensive treatment (TPT) causes prolonged...*12th November, 2009
Klinikum rechts der Isar, Technische Universitat Munchen.- J Pharmacol Exp Ther. 2009 Nov 10. ([DOI Direct Link](#))
- [Effects of burn injury on markers of hypermetabolism in rats.](#)
*The basic metrics of hypermetabolism have not been thoroughly...*10th November, 2009
Center for Engineering in Medicine/Surgical Services, Massachusetts- J Burn Care Res. 2009 Nov-Dec;30(6):993-1001. ([DOI Direct Link](#))
- [Transporting telemetry patients.](#)
*The purpose of this study was to examine the effect of specific endurance...*7th November, 2009
University of Pittsburgh Medical Center St. Margaret in Pennsylvania, USA.- Am J Nurs. 2009 Nov;109(11 Suppl):35-7. ([DOI Direct Link](#))
- [Total hip joint prosthesis for in vivo measurement of forces and moments.](#)
*A new instrumented hip joint prosthesis was developed which allows the in...*6th November, 2009
Julius Wolff Institut, Charite - Universitatsmedizin Berlin, Augstenburger- Med Eng Phys. 2009 Nov 2. ([DOI Direct Link](#))
- [Assessing the effect on survival of natal dispersal using multistate capture-recapture models.](#)
*Despite their crucial importance in understanding and modeling of the...*6th November, 2009
Universite- Ecology. 2009 Oct;90(10):2902-12.
- [Role of Angiotensin II Type 1A Receptors in Cardiovascular Reactivity and Neuronal Activation After Aversive Stress in Mice.](#)
*We determined whether genetic deficiency of angiotensin II Type 1A (AT1A)...*4th November, 2009
Baker IDI Heart and Diabetes Institute, Melbourne, Victoria, Australia;- Hypertension. 2009 Nov 2. ([DOI Direct Link](#))
- [A fully implantable telemetry system for the long-term measurement of habitual bone strain.](#)
*Long-term in-vivo recordings of habitual bone strain in freely moving...*3rd November, 2009
Department of Functional Anatomy, Academic Centre for Dentistry Amsterdam- J Biomech. 2009 Oct 30. ([DOI Direct Link](#))
- [Incidence of paroxysmal atrial tachycardias in patients treated with cardiac resynchronization therapy](#)

[and continuously monitored by device diagnostics.](#)

*Aims Little is known about the incidence of paroxysmal atrial tachycardias...*30th October, 2009
1 Hopital Pontchaillou CHU, University of Rennes, Rennes, France.- *Europace*. 2009 Oct 28. ([DOI Direct Link](#))

- [Neural response thresholds in the Nucleus Contour cochlear implant before and after stylet removal.](#)
*CONCLUSION: The study shows that there are differences in the measurement...*30th October, 2009
ENT Department, Hospital das Clinicas, Faculdade de Medicina, Universidade- *Acta Otolaryngol*. 2009 Nov;129(11):1330-6.
- [Special issue on medical bionics.](#)
*This special section of the Journal of Neural Engineering contains eight...*29th October, 2009
Guest Editor Director, Bionic Ear Institute and Professor of Medical- *J Neural Eng*. 2009 Oct 23;6(6):60201. ([DOI Direct Link](#))
- [Describing saline-lock usage patterns on a telemetry unit: a retrospective study.](#)
*PURPOSE/OBJECTIVES: The purpose of this study was to describe saline-lock...*28th October, 2009
Telemetry Unit, Albert Einstein Healthcare Network, Philadelphia,- *Clin Nurse Spec*. 2009 Nov-Dec;23(6):296-304. ([DOI Direct Link](#))
- [The daily habitual in vivo strain history of a non-weight-bearing bone.](#)
*Daily mechanical loading strongly influences the architecture and...*28th October, 2009
Department of Functional Anatomy, Academic Centre for Dentistry Amsterdam- *Bone*. 2009 Oct 24. ([DOI Direct Link](#))
- [Effects of intermittent-endurance fitness on match performance in young male soccer players.](#)
*The purpose of this study was to examine the effect of specific endurance...*27th October, 2009
Department of Research, San Marino Football Federation(FSGC), San Marino,- *J Strength Cond Res*. 2009 Oct;23(7):1954-9. ([DOI Direct Link](#))
- [Wireless technologies for closed-loop retinal prostheses.](#)
*In this paper, we discuss various technologies needed to develop retinal...*24th October, 2009
Department of Electrical and Electronic Engineering, The University of- *J Neural Eng*. 2009 Oct 23;6(6):65004. ([DOI Direct Link](#))

BioNews Results for Telemetry

- [New Cardiac Diagnostic Monitoring Device to be Unveiled at AHA 2009](#)
Diagnostic & Invasive Cardiology: Nov 12 2009 4:12PM Matching: telemetry
- [St. Trudo Hospital includes tracking the location of patients and Wi-Fi devices to its AeroScout Healthcare Vi](#)
News-Medical.Net: Nov 12 2009 12:28PM Matching: telemetry
- [CardioNet Provides Update on Mobile Cardiovascular Telemetry Reimbursement](#)
Diagnostic & Invasive Cardiology: Nov 11 2009 4:54PM Matching: telemetry
- [Medical News: IntriCon To Unveil New Cardiac Diagnostic Monitoring Device At 2009 American Heart Association Scientific Sessions](#)
BioFind: Nov 11 2009 6:05PM Matching: telemetry
- [RN Organizes HusbandEURs Recovery Process](#)
Nurse.com: Nov 11 2009 5:05PM Matching: telemetry
- [IntriCon To Unveil New Cardiac Diagnostic Monitoring Device At 2009 American Heart Association Scientific Sess](#)
Medical News Today: Nov 11 2009 3:39PM Matching: telemetry
- [IntriCon To Unveil New Cardiac Diagnostic Monitoring Device At 2009 American Heart Association Scientific Sessions](#)
Medical Design Online: Nov 11 2009 8:22AM Matching: telemetry
- [IntriCon to launch new CDM device at 2009 AHA Scientific Sessions](#)

- News-Medical.Net: Nov 11 2009 5:54AM Matching: telemetry*
- [PAREXEL Enhances Early-Phase Cardiac Safety Capabilities Through Alliance With Mortara Instrument](#)
Diagnostic & Invasive Cardiology: Nov 10 2009 2:03PM Matching: telemetry
- [PAREXEL Enhances Early Phase Cardiac Safety Capabilities Through Alliance With Mortara Instrument](#)
Pharma Live: Nov 9 2009 3:33PM Matching: telemetry
- [PAREXEL Enhances Early Phase Cardiac Safety Capabilities Through Alliance With Mortara Instrument](#)
Therapeutics Daily: Nov 9 2009 1:59PM Matching: telemetry
- [PAREXEL International forms an alliance with Mortara Instrument, enhances cardiac safety capabilities](#)
News-Medical.Net: Nov 9 2009 1:09PM Matching: telemetry
- [PAREXEL Enhances Early Phase Cardiac Safety Capabilities Through Alliance With Mortara Instrument](#)
KSLA: Nov 9 2009 12:23PM Matching: telemetry
- [Kinesix Software Plays Vital Role in Recent Test Launch for Moon/Mars Mission](#)
Genetic Engineering News: Nov 9 2009 4:53PM Matching: telemetry
- [CardioNet, Inc. Provides Update on Mobile Cardiovascular Telemetry Reimbursement](#)
Diagnostic & Invasive Cardiology: Nov 6 2009 7:21PM Matching: telemetry

Telemetry Clinical Trials:



- [Long-term Cardiac Monitoring After Cryptogenic Stroke \(CMACS\)](#)

Telemetry Patents:



- 7613493- [Automatic/manual longitudinal position translator and rotary drive system for catheters](#)
- 7613672- [Medical device user interface automatically resolving interaction between programmable parameters](#)
- 7614294- [Systems and methods for downhole fluid compatibility](#)
- 7614454- [Downhole actuation method and apparatus for operating remote well control device](#)
- 7614743- [Vital signs monitoring system with wireless pupilometer interface](#)
- 7614997- [Implantable heart assist system and method of applying same](#)
- 7615007- [Analyte sensor](#)
- 7615010- [System for monitoring the physiologic parameters of patients with congestive heart failure](#)
- 7615712- [Integrated circuit packages including damming and change protection cover for harsh environments](#)

- 7615741- [Determining organic carbon downhole from nuclear spectroscopy](#)
- 7615970- [Energy invest and profit recovery systems](#)
- 7613621- [Personalized body image](#)
- 7613590- [Modular microprocessor-based power tool system](#)
- 7613580- [Method and apparatus for generating an EMI fingerprint for a computer system](#)
- 7613497- [Energy transfer amplification for intrabody devices](#)
- 7613508- [Implantable cardiac stimulation device, system and method which provides an electrogram signal facilitating measurement of slow-changing electrogram features](#)
- 7613509- [Systems, methods, and computer program products for transmitting neural signal information](#)
- 7613511- [Implantable vagal stimulator for treating cardiac ischemia](#)
- 7613512- [Gradually synchronized simultaneous atrial and ventricular pacing for cardiac rhythm discrimination](#)
- 7613513- [System and method for determining cardiac geometry](#)
- 7613514- [Selective resynchronization therapy optimization based on user preference](#)
- 7613521- [Telemetry for a battery operated device](#)
- 7613522- [Multi-antenna for an implantable medical device](#)
- 7613576- [Using EMI signals to facilitate proactive fault monitoring in computer systems](#)
- 7616001- [Method and apparatus for borehole wall resistivity imaging in the presence of conductive mud and rugose borehole](#)
- 7616066- [Oscillation device and controlling method therefor](#)
- 7616993- [Heart stimulator using a Bezier function to define AV-delay values](#)
- 7616994- [Fast post-antitachycardia pacing redetection algorithm](#)
- 7616999- [System for generating a cochlear implant program using multi-electrode stimulation to elicit the electrically-evoked compound action potential](#)
- 7617000- [Methods for programming a neural prosthesis](#)
- 7617001- [Systems and method for communicating with implantable devices](#)
- 7617002- [Selection of neurostimulator parameter configurations using decision trees](#)
- 7617003- [System for selective activation of a nerve trunk using a transvascular reshaping lead](#)
- 7617049- [Distance determination from a magnetically patterned target well](#)
- 7617057- [Expert system for controlling plant growth in a contained environment](#)
- 7617159- [System and method for interactive messaging and/or allocating and/or upgrading and/or rewarding tickets, other event admittance means, goods and/or services](#)
- 7616992- [Intravascular medical device](#)
- 7616991- [Method for digital cardiac rhythm management](#)
- 7616990- [Implantable and rechargeable neural stimulator](#)
- 7616116- [Electronic tamper evident seal](#)
- 7616153- [Electronic device and time adjustment method](#)
- 7616557- [Method and apparatus for canceling intercarrier interference through conjugate transmission for multicarrier communication systems](#)
- 7616606- [Mechanism for avoiding triggering silent radio squelch circuits](#)
- 7616656- [System and method for providing communication between intelligent electronic devices via an open channel](#)
- 7616680- [Method for processing data in a spread spectrum system](#)
- 7616715- [Method and system for estimating the speed of a mobile device in a network](#)
- 7616881- [Zoom flash with liquid crystal lens](#)
- 7616980- [Radial electrode array](#)
- 7616988- [System and method for detecting an involuntary muscle movement disorder](#)
- 7617246- [System and method for geo-coding user generated content](#)

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