

# Kinetocardiography

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- [Non-contact cardiac monitoring from carotid artery using optical vibrocardiography.](#)  
*The aim of the present work is to establish a protocol for monitoring the...*15th August, 2008  
Department of Mechanics, Universita Politecnica delle Marche, Via Brecce- Med Eng Phys. 2008  
May;30(4):490-7. Epub 2007 Jul 10. ([DOI Direct Link](#))
- [Wearable seismocardiography.](#)  
*Seismocardiogram (SCG) is the recording of body vibrations induced by the...*26th March, 2008  
Polo Tecnologico (Biomedical Technology Department), IRCCS S Maria- Conf Proc IEEE Eng Med Biol  
Soc. 2007;2007:3954-7. ([DOI Direct Link](#))
- [Monitoring and analysis of cardio respiratory and snoring signals by using an accelerometer.](#)  
*In this paper we present a system based on a sensor of acceleration for...*26th March, 2008  
Departament of Ingenieria de Sistemas y Automatica, Tecnologia Electronica- Conf Proc IEEE Eng  
Med Biol Soc. 2007;2007:3942-5. ([DOI Direct Link](#))
- [Ongoing physical activity advice by humans versus computers: the Community Health Advice by Telephone \(CHAT\) trial.](#)  
*PURPOSE: Given the prevalence of physical inactivity among American...*6th February, 2008  
Division of Epidemiology, Department of Health Research and Policy,- Health Psychol. 2007  
Nov;26(6):718-27. ([DOI Direct Link](#))
- [Reversal of rocuronium-induced \(1.2 mg/kg\) profound neuromuscular block by sugammadex: a multicenter, dose-finding and safety study.](#)  
*BACKGROUND: Reversal of rocuronium-induced neuromuscular blockade can be...*22nd September, 2007  
Department of Anesthesiology, Radboud University Medical Center Nijmegen,- Anesthesiology. 2007  
Aug;107(2):239-44. ([DOI Direct Link](#))
- [An analysis of the TOF-watch algorithm for modifying the displayed train-of-four ratio.](#)  
*The aim of the present work is to establish a protocol for monitoring the...*31st January, 2007  
- Acta Anaesthesiol Scand. 2006 Nov;50(10):1313-4. ([DOI Direct Link](#))
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*AIM: The aim of this study was to compare the time course characteristics...*29th December, 2006  
- Schizophr Res. 2006 Jul;85(1-3):300-1. Epub 2006 May 2. ([DOI Direct Link](#))
- [Physical activity and restlessness correlate with leptin levels in patients with adolescent anorexia nervosa.](#)  
*BACKGROUND: In food-restricted rats, leptin suppresses...*23rd September, 2006

Department of Child and Adolescent Psychiatry and Psychotherapy, RWTH- Biol Psychiatry. 2006 Aug 1;60(3):311-3. Epub 2005 Dec 27. ([DOI Direct Link](#))

- [Cisatracurium versus vecuronium: a comparative, double blind, randomized, multicenter study in adult patients under propofol/fentanyl/N2O anesthesia.](#)  
*AIM: The aim of this study was to compare the time course characteristics...* 19th August, 2006  
Anesthesia and Resuscitation Unit, City Hospital, Faenza (RA), Italy.- *Minerva Anesthesiol.* 2006 May;72(5):299-308.
- [Dynamical MCG mapping with an atomic vapor magnetometer.](#)  
*We have developed a magnetometer based on magnetic resonance in cesium...* 15th April, 2006  
Physics Department, University of Fribourg, Switzerland.- *Neurol Clin Neurophysiol.* 2004 Nov 30;2004:38.
- [Relations of moderate and vigorous physical activity to fitness and fatness in adolescents.](#)  
*BACKGROUND: It is unclear how moderate and vigorous intensities of...* 4th May, 2005  
Georgia Prevention Institute, Department of Pediatrics, Medical College of- *Am J Clin Nutr.* 2005 Apr;81(4):746-50.
- [\[Monitoring of vital patient's functions by contact-free sensors\]](#)  
*An experimental device was constructed as well as hardware and software...* 4th November, 2004  
- *Med Tekh.* 2004 Jan-Feb;(1):13-5.
- [Post-it apexcardiography.](#)  
*BACKGROUND: It is unclear how moderate and vigorous intensities of...* 30th September, 2004  
- *N Engl J Med.* 2004 Sep 23;351(13):1364. ([DOI Direct Link](#))
- [Mechanical factors of cardiovascular risk in systemic arterial hypertension. A new sign of arterial rigidity.](#)  
*ANTECEDENT: By means of sphygmokinetocardiography (SKCG) we developed and...* 23rd June, 2004  
Instituto Nacional de Cardiologia Ignacio Chavez INCICH, Juan Badiano 1,- *Arch Cardiol Mex.* 2003 Oct-Dec;73(4):261-70.
- [Interictal daily functioning in migraine.](#)  
*Migraine induces disability and an impaired quality of life, even between...* 13th May, 2004  
Department of Medical Psychology and Psychotherapy, Erasmus Medical- *Cephalalgia.* 2004 Apr;24(4):271-9. ([DOI Direct Link](#))

#### Kinetocardiography Patents:



- 7107095- [Device for and method of rapid noninvasive measurement of parameters of diastolic function of left ventricle and automated evaluation of the measured profile of left ventricular function at rest and with exercise](#)
- 6024705- [Automated seismic detection of myocardial ischemia and related measurement of cardiac output parameters](#)
- 5178151- [System for non-invasive detection of changes of cardiac volumes and aortic pulses](#)

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