

Tachycardia

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Tachycardia is a form of cardiac arrhythmia which refers to a rapid beating of the heart. By convention the term refers to heart rates greater than 100 beats per minute in the adult patient. Tachycardia may be a perfectly normal physiological response to stress. However, depending on the mechanism of the tachycardia and the health status of the patient, tachycardia may be harmful, and require medical treatment. In extreme cases, tachycardia can be life threatening. Tachycardia can be harmful in three ways. Firstly, if the heart is pumping too fast for an extended period of time it will change the balance of oxygen and carbon dioxide in the hemoglobin in the blood; this is normal during exercise but when resting this is quite dangerous. Second, when the heart beats too rapidly, it may pump blood less efficiently. Thirdly, the faster the heart beats, the more oxygen and nutrients the heart requires. This may leave patients feeling out of breath or cause angina. This can be especially problematic for patients suffering from ischemic heart disease.

Recent Publications on Tachycardia:



- [Idiopathic ventricular tachycardia arising from the right ventricular apex.](#)
*Idiopathic, focal ventricular tachycardia that originates from the right...*30th August, 2008
Department of Clinical Cardiac Electrophysiology, Medical Consultants,- Europace. 2008 Aug 28. ([DOI Direct Link](#))
- [Electroanatomic characterization of post-infarct scars comparison with 3-dimensional myocardial scar reconstruction based on magnetic resonance imaging.](#)
*OBJECTIVES: This study was designed to compare electroanatomic mapping...*30th August, 2008
Department of Cardiology, University Hospital Nancy, Nancy, France; IADI- J Am Coll Cardiol. 2008 Sep 2;52(10):839-42. ([DOI Direct Link](#))
- [Nurse-led newborn resuscitation in an urban neonatal unit.](#)
*Aim: To determine the safety and efficacy of neonatal nurses attending...*30th August, 2008
Special Care Baby Unit, North Shore Hospital, Waitemata District Health- Acta Paediatr. 2008 Aug 27. ([DOI Direct Link](#))
- [Respiratory and non respiratory oscillations of the skin blood flow: a window to the function of the sympathetic fibers to the skin blood vessels.](#)
*OBJECTIVE OF THE STUDY: The skin blood flow (SBF) has been known to...*30th August, 2008
Department of Neurology and Psychiatry, Instituto Nacional de Ciencias- Arch Cardiol Mex. 2008 Apr-Jun;78(2):187-94.
- [\[QT interval prolongation and psychotropic drugs in children and adolescents: proposed guideline\]](#)
*--Several psychotropic drugs that are prescribed to children and...*30th August, 2008
Jeroen Bosch Ziekenhuis, afd. Kindergeneeskunde, Hertogenbosch.- Ned Tijdschr Geneesk. 2008 Aug 9;152(32):1765-70.
- [Pseudoventricular tachycardia.](#)

- Several psychotropic drugs that are prescribed to children and...30th August, 2008
- J Electrocardiol. 2008 Sep-Oct;41(5):390.
- [A wandering defibrillator lead.](#)
A 53-year-old woman was admitted because of sudden onset of severe chest...30th August, 2008
Department of Cardiology, Medical Centre Haaglanden, Lijnbaan 32, Postbus- Eur J Echocardiogr. 2008 Aug 27. ([DOI Direct Link](#))
- [Thyrotoxic cardiac disease.](#)
The most recognizable features of hyperthyroidism are those that result...30th August, 2008
- Curr Heart Fail Rep. 2008 Sep;5(3):170-6.
- [Antiplatelet Agents Sarpogrelate and Cilostazol Affect Experimentally-induced Ventricular Arrhythmias and Mortality.](#)
Antiplatelet agents, sarpogrelate (SAR), a 5-hydroxy tryptamine 2A...30th August, 2008
Faculty of Medicine, Institute of Cardiovascular Sciences, St. Boniface- Cardiovasc Toxicol. 2008 Aug 27. ([DOI Direct Link](#))
- [Brugada syndrome in an active duty Air Force senior pilot.](#)
INTRODUCTION: Brugada syndrome describes a subgroup of patients at risk...30th August, 2008
Element Leader/FSO, 697 Louisiana Drive, Dyess AFB, TX 79607, USA.- Mil Med. 2008 Aug;173(8):809-13.
- [Choice of cell-delivery route for skeletal myoblast transplantation for treating post-infarction chronic heart failure in rat.](#)
BACKGROUND: Intramyocardial injection of skeletal myoblasts (SMB) has been...30th August, 2008
Harefield Heart Science Centre, National Heart & Lung Institute, Imperial- PLoS ONE. 2008 Aug 27;3(8):e3071. ([DOI Direct Link](#))
- [Duloxetine-Associated Tachycardia \(October\).](#)
OBJECTIVE: To report a case of symptomatic tachycardia that was...30th August, 2008
OKDHS/Developmental Disabilities Services, Division LOC #1353, 2400 N.- Ann Pharmacother. 2008 Aug 26. ([DOI Direct Link](#))
- [Sibutramine-Associated QT Interval Prolongation and Cardiac Arrest \(October\).](#)
OBJECTIVE: To report on a probable association between sibutramine and QT...30th August, 2008
Box Hill Hospital, Victoria, Australia.- Ann Pharmacother. 2008 Aug 26. ([DOI Direct Link](#))
- [Early sustained ventricular arrhythmias complicating acute myocardial infarction.](#)
OBJECTIVE: Sustained ventricular arrhythmias complicate 2% to 20% of acute...30th August, 2008
Duke Clinical Research Institute, Duke University Medical Center, Durham,- Am J Med. 2008 Sep;121(9):797-804. ([DOI Direct Link](#))
- [Mechanisms Underlying Rate-Dependent Remodeling of Transient Outward Potassium Current in Canine Ventricular Myocytes.](#)
Transient outward K(+) current (Ito) downregulation following sustained...30th August, 2008
Department of Medicine, Montreal Heart Institute and Universite de- Circ Res. 2008 Aug 21. ([DOI Direct Link](#))

BioNews Results for Tachycardia

- [Desflurane and Cardiac Arrest: Why all the Fuss?](#)
Pharmacy Practice News: Aug 29 2008 5:25AM Matching: tachycardia
- [Catheter Ablation Therapy for Supraventricular Arrhythmia](#)
Journal of the American Medical Association: Aug 28 2008 2:53AM Matching: tachycardia
- [New Publication Shows Clevisprex is Safe and Effective for Treatment of Acute, Severe Hypertension](#)
Pharma Live: Aug 26 2008 1:48PM Matching: tachycardia
- [Duska Therapeutics Receives Comments From FDA on Phase 3 ATPace Protocol Synopsis](#)
Freshnews.com: Aug 24 2008 3:49AM Matching: tachycardia

- [Cough and Cold Treatments for Children: Does Anything Work?](#)
Consultant Live: Aug 22 2008 9:33AM Matching: tachycardia
- [Duska Therapeutics Receives Comments From FDA on Phase 3 ATPace\(TM\) Protocol Synopsis](#)
Therapeutics Daily: Aug 21 2008 11:25PM Matching: tachycardia
- [Studies from University of Jena reveal new findings on chronic heart failure](#)
Therapeutics Daily: Aug 21 2008 10:14PM Matching: tachycardia
- [Duska Therapeutics Provides Clinical Program Review and Reports Second Quarter 2008 Financial Results](#)
Pharma Live: Aug 21 2008 1:41PM Matching: tachycardia
- [FDA Safety Changes: Advair Diskus and Vfend](#)
Medscape: Aug 20 2008 10:34PM Matching: tachycardia
- [Duska Therapeutics to Present at Noble Financial Equity 'M.A.D. MAX' Conference on Tuesday, August 19th at 1:3](#)
Pharma Live: Aug 19 2008 9:21PM Matching: tachycardia
- [Duska Therapeutics to Present at Noble Financial Equity 'M.A.D. MAX' Conference on Tuesday, August 19th at 1:3](#)
KOTA Territory News: Aug 19 2008 8:50PM Matching: tachycardia
- [Duska Therapeutics to Present at Noble Financial Equity 'M.A.D. MAX' Conference on Tuesday, August 19th at 1:3](#)
KRON4: Aug 19 2008 1:29PM Matching: tachycardia
- [Malpractice Chronicle, June 2008](#)
Clinician Reviews: Aug 18 2008 9:22PM Matching: tachycardia
- [Images in Cardiology: Contrast-enhanced magnetic resonance imaging of endomyocardial fibrosis secondary to Ban](#)
British Journal of the Heart: Aug 14 2008 8:13PM Matching: tachycardia
- [Call to make sudden cardiac arrest a national health priority in USA](#)
MTB Europe: Aug 13 2008 9:40AM Matching: tachycardia

Tachycardia Clinical Trials:



- [Anti-Arrhythmic Medication v. MRI-Merge Ablation in the Treatment of Ventricular Tachycardia](#)
Ventricular Tachycardia

Tachycardia Patents:



- 7399878- [Pharmaceutical compounds](#)
- 7404799- [System and method for detection of respiration patterns via integration of intracardiac electrogram signals](#)

- 7404955- [Methods of inhibiting or neutralizing TNF.alpha. in patients with tissue injury](#)
- 7404969- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7406348- [System and method for displaying a histogram of cardiac events](#)
- 7406350- [Subcutaneous implantable cardioverter-defibrillator employing a telescoping lead](#)
- 7407937- [Therapeutic compositions of oncomodulin](#)
- 7407973- [Use of pirfenidone in therapeutic regimens](#)
- 7407980- [Imidazolinylmethyl aralkylsulfonamides](#)
- 7408039- [Kits for treatment of hematologic disorders](#)
- 7410459- [Cardiac support device and method](#)
- 7403819- [Parasympathetic nerve stimulation for control of AV conduction](#)
- 7403818- [System and method for cardiac rhythm management with synchronized pacing protection period](#)
- 7399902- [Mouse cardiac conduction system model](#)
- 7400920- [Detection of renal failure by cardiac implantable medical device](#)
- 7400923- [Multi-chamber ventricular automatic capture method and apparatus for minimizing true and blanking period induced ventricular undersensing](#)
- 7400924- [System and method for capture management](#)
- 7402312- [Antibodies to vascular endothelial growth factor 2 \(VEGF-2\)](#)
- 7402313- [Method for controlling preeclampsia and eclampsia](#)
- 7402322- [Methods of treatment for septic shock with urine extract](#)
- 7402600- [Nitroderivatives of cardiovascular agents](#)
- 7403110- [Enhanced alarm monitoring using a sound monitoring screen saver](#)
- 7403813- [Systems and methods for detection of VT and VF from remote sensing electrodes](#)
- 7410474- [Methods and means for extracorporeal organ perfusion](#)
- 7410485- [Directional microwave applicator and methods](#)
- 7410487- [Vacuum coagulation probe for atrial fibrillation treatment](#)
- 7415297- [Physiological parameter system](#)
- 7415304- [System and method for correlating implant and non-implant data](#)
- 7415307- [Ischemia detection based on cardiac conduction time](#)
- 7416551- [Catheter for delivering a tissue ablation probe](#)
- 7416729- [Methods of treating rheumatoid arthritis with anti-TNF antibodies](#)
- 7417051- [Medicaments comprising betamimetics and a novel anticholinergic](#)
- 7417127- [Antibodies specific for CD44v6](#)
- 7417147- [Soft anticholinergic zwitterions](#)
- 7418293- [Multiple pulse defibrillation for subcutaneous implantable cardiac devices](#)
- 7418295- [Method and system for identifying and displaying groups of cardiac arrhythmic episodes](#)
- 7414534- [Method and apparatus for monitoring ingestion of medications using an implantable medical device](#)
- 7413568- [Composite structures and methods for ablating tissue to form complex lesion patterns in the treatment of cardiac conditions and the like](#)
- 7410993- [3,6-disubstituted azabicyclo \[3.1.0\] hexane derivatives useful as muscarinic receptor antagonists](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7411054- [25869, 25934, 26335, 50365, 21117, 38692, 46508, 16816, 16839, 49937, 49931 and 49933 molecules and uses therefor](#)
- 7411069- [Doxepin analogs and methods of use thereof](#)
- 7411509- [System and method for observing patients in geographically dispersed health care locations](#)
- 7412276- [Brain therapy](#)
- 7412283- [Method and system for processing electrocardial signals](#)
- 7412286- [Batrial triple-chamber cardiac pacemaker with multi-conditional inhibition of second atrial stimulation](#)
- 7413546- [Method and apparatus for monitoring dynamic cardiovascular function using n-dimensional](#)

[representations of critical functions](#)

- 7413549- [Detecting and quantifying apnea using ventilatory cycle histograms](#)
- 7418298- [Myocardial lead with fixation mechanism](#)

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