

Cheyne-Stokes Respiration

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Recent Publications on Cheyne-Stokes Respiration:



- [Sleep apnoea in patients with heart failure: Part II: Therapy.](#)
*Nasal continuous positive airway pressure (CPAP) is generally recommended...*17th November, 2009
Hopital cardiologique du Haut-Leveque, avenue de Magellan, 33604 Pessac- Arch Cardiovasc Dis. 2009 Oct;102(10):711-20. Epub 2009 Oct 14. ([DOI Direct Link](#))
- [\[Deficiency of REM sleep in a patient with pontine cavernous hemangioma\]](#)
*A 15-year-old girl had no REM sleep presumably due to a pontine cavernous...*10th November, 2009
Department of Pediatrics, Osaka University Graduate School of Medicine,- No To Hattatsu. 2009 Sep;41(5):349-52.
- [Developmental basis of the rostro-caudal organization of the brainstem respiratory rhythm generator.](#)
*The Hox genetic network plays a key role in the anteroposterior patterning...*31st October, 2009
Centre de Recherche de Gif, UPR 2216 (Neurobiologie Genetique et- Philos Trans R Soc Lond B Biol Sci. 2009 Sep 12;364(1529):2469-76. ([DOI Direct Link](#))
- [Upper airway mechanics.](#)
*This review discusses the pathophysiological aspects of sleep-disordered...*15th October, 2009
Department of Pulmonary Medicine, Antwerp University Hospital and- Respiration. 2009;78(2):121-33. Epub 2009 May 29. ([DOI Direct Link](#))
- [Dynamic CO2 therapy in periodic breathing: a modeling study to determine optimal timing and dosage regimes.](#)
*We examine the potential to treat unstable ventilatory control (seen in...*6th October, 2009
International Center for Circulatory Health, St. Mary's Hospital and- J Appl Physiol. 2009 Sep;107(3):696-706. Epub 2009 Jul 23. ([DOI Direct Link](#))
- [Sleep apnoea in patients with heart failure. Part I: diagnosis, definitions, prevalence, pathophysiology and haemodynamic consequences.](#)
*Sleep disorder specialists manage 90% of patients suffering from...*30th September, 2009
Hopital cardiologique du Haut-Leveque, Avenue de Magellan, 33604 Pessac- Arch Cardiovasc Dis. 2009 Aug-Sep;102(8-9):651-61. Epub 2009 Sep 10. ([DOI Direct Link](#))
- [\[Acute effects of adaptive servo-ventilation therapy on neurohormones and Cheyne-Stokes respiration in the patients with heart failure\]](#)
*OBJECTIVE: Cheyne Stokes respiration (CSR) is frequently seen in the...*30th September, 2009
Pamukkale Universitesi Tip Fakultesi, Kardiyoloji Anabilim Dali, Denizli,- Anadolu Kardiyol Derg. 2009 Jun;9(3):206-14.
- [Cheyne-Stokes respiration.](#)
*PURPOSE OF REVIEW: This review examines the recently published articles...*24th September, 2009

- Swiss Med Wkly. 2009 Aug 8;139(31-32):464; author reply 464. ([DOI Direct Link](#))
- [Cheyne-Stokes respiration and cardiovascular risk](#)
Due to its high prevalence in patients with heart failure and its negative...24th September, 2009
Berufsgenossenschaftliches Universitätsklinikum Bergmannsheil GmbH,- Pneumologie. 2009 Jul;63(7):399-403. Epub 2009 Jul 9. ([DOI Direct Link](#))
- [Sleep-disordered breathing in patients with atrial fibrillation and normal systolic left ventricular function.](#)
BACKGROUND: Obstructive sleep apnea (OSA) is more common in patients with...24th September, 2009
Kardiologische Klinik, Herz- und Diabeteszentrum Nordrhein-Westfalen,- Dtsch Arztebl Int. 2009 Mar;106(10):164-70. Epub 2009 Mar 6. ([DOI Direct Link](#))
- [Heart failure](#)
It seems that the causes of the insomnia are dyspnea and an orthopnea in...23rd September, 2009
Sleep Disorders Center, Aichi Medical University Hospital.- Nippon Rinsho. 2009 Aug;67(8):1513-7.
- [Heart failure and sleep-disordered breathing: mechanisms, consequences and treatment.](#)
PURPOSE OF REVIEW: This review examines the recently published articles...29th August, 2009
Department of Allergy, Immunology and Respiratory Medicine, Alfred- Curr Opin Pulm Med. 2009 Aug 26. ([DOI Direct Link](#))
- [Validation of ApneaLink as screening device for Cheyne-Stokes respiration.](#)
STUDY OBJECTIVES: Polysomnography (PSG) is the gold standard in diagnosing...15th August, 2009
Ruhrlandklinik, Department of Respiratory Medicine, Faculty of Medicine,- Sleep. 2009 Apr 1;32(4):553-7.
- [Sleep-related breathing disorders in acute lacunar stroke.](#)
The purpose was to examine the occurrence of sleep-related breathing...25th July, 2009
The Service of Pneumology, Hospital Universitari del Sagrat Cor,- J Neurol. 2009 Jul 22. ([DOI Direct Link](#))
- [Combined increased chemosensitivity to hypoxia and hypercapnia as a prognosticator in heart failure.](#)
OBJECTIVES: The aim of the present study was to investigate the prognostic...10th June, 2009
Department of Cardiovascular Medicine, G. Monasterio Foundation- J Am Coll Cardiol. 2009 May 26;53(21):1975-80. ([DOI Direct Link](#))

Cheyne-Stokes Respiration Patents:



- 7155278- [Neurostimulation to treat effects of sleep apnea](#)
- 7296573- [Method and apparatus for providing positive airway pressure to a patient](#)
- 7309314- [Method for predicting apnea-hypopnea index from overnight pulse oximetry readings](#)
- 7314451- [Techniques for prediction and monitoring of clinical episodes](#)
- 7315759- [Implantable medical device with circulation delay measurement and therapy control](#)
- 7336996- [Rate regularization of cardiac pacing for disordered breathing therapy](#)
- 7343198- [System, software, and method for detection of sleep-disordered breathing using an electrocardiogram](#)
- 7357775- [System and method for providing demand-based Cheyne-Stokes Respiration therapy using an implantable medical device](#)
- 7361146- [System and method for detecting abnormal respiration via respiratory parameters derived from intracardiac electrogram signals](#)

- 7363085- [Augmenting hypoventilation](#)
- 7364547- [Use of external respiratory therapy device to detect cardiac electrical activity](#)
- 7282027- [Service center system and method as a component of a population diagnostic for sleep disorders](#)
- 7267122- [Method and apparatus for providing variable positive airway pressure](#)
- 7245971- [System and method for applying therapy during hyperpnea phase of periodic breathing using an implantable medical device](#)
- 7160252- [Method and apparatus for detecting respiratory disturbances](#)
- 7160898- [Pharmacological treatment for sleep apnea](#)
- 7177686- [Using photo-plethysmography to monitor autonomic tone and performing pacing optimization based on monitored autonomic tone](#)
- 7179229- [System and method for apnea detection using blood pressure detected via an implantable medical system](#)
- 7184817- [System and method for acquiring breathing pattern signals from intracardiac electrograms and its use for heart failure therapy decision making and disease monitoring](#)
- 7186220- [Implantable devices and methods using frequency-domain analysis of thoracic signal](#)
- 7206636- [Pacing optimization based on changes in pulse amplitude and pulse amplitude variability](#)
- 7207947- [System and method for detecting circadian states using an implantable medical device](#)
- 7223244- [System and method for monitoring hypercapnic ventilatory response](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 7371220- [System and method for real-time apnea/hypopnea detection using an implantable medical system](#)
- 7395115- [Detection and the treatment of ventilatory disorders during sleep for an active implantable medical device, in particular a pacemaker](#)
- 7510531- [System and method for discrimination of central and obstructive disordered breathing events](#)
- 7519425- [Tiered therapy for respiratory oscillations characteristic of Cheyne-Stokes respiration](#)
- 7524292- [Method and apparatus for detecting respiratory disturbances](#)
- 7532934- [Snoring detection system and method](#)
- 7546837- [Interface with rolling diaphragm](#)
- 7556043- [Patient interface with an integral cushion and nasal pillows](#)
- 7572225- [Sleep logbook](#)
- 7575553- [Methods and systems for assessing pulmonary disease](#)
- 7591265- [Coordinated use of respiratory and cardiac therapies for sleep disordered breathing](#)
- 7596413- [Coordinated therapy for disordered breathing including baroreflex modulation](#)
- 7509164- [Method and apparatus to detect and monitor the frequency of obstructive sleep apnea](#)
- 7479114- [Determining blood gas saturation based on measured parameter of respiration](#)
- 7469697- [Feedback system and method for sleep disordered breathing therapy](#)
- 7396333- [Prediction of disordered breathing](#)
- 7398115- [Pulse oximetry relational alarm system for early recognition of instability and catastrophic occurrences](#)
- 7404799- [System and method for detection of respiration patterns via integration of intracardiac electrogram signals](#)
- 7421296- [Termination of respiratory oscillations characteristic of Cheyne-Stokes respiration](#)
- 7428468- [Monitoring apparatus](#)
- 7430447- [Evoked response and impedance measures for monitoring heart failure and respiration](#)
- 7431700- [Body movement and respiration monitor](#)
- 7435221- [System and method for detecting abnormal respiration based on intracardiac electrogram signals using a pattern recognition device](#)
- 7454250- [System and method for applying therapy during hyperpnea phase of periodic breathing using an implantable medical device](#)
- 7468040- [Methods and systems for implantably monitoring external breathing therapy](#)
- 7610094- [Synergistic use of medical devices for detecting medical disorders](#)

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