

Tidal Volume

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Recent Publications on Tidal Volume:



- [Neurally Adjusted Ventilatory Assist and Pressure Support Ventilation in Small Species and the Impact of Instrumental Dead Space.](#)
*Background: Neurally adjusted ventilatory assist (NAVA) is a...*6th November, 2009
Department of Anaesthesiology and Intensive Care, Karolinska Hospital and- Neonatology. 2009 Nov 4;97(3):279-285. ([DOI Direct Link](#))
- [Respiratory impedance during weaning from mechanical ventilation in a mixed population of critically ill patients.](#)
*BACKGROUND: /st> Worsening of respiratory mechanics during a spontaneous...*6th November, 2009
Servicio de Neumologia, Instituto Clinico del Torax, Hospital Clinic de- Br J Anaesth. 2009 Nov 3. ([DOI Direct Link](#))
- [Influence of different kind of clothing material on selected cardiovascular, respiratory and psychomotor parameters during moderate physical exercise.](#)
*Objectives: The aim of the experiment was to analyze the influence that...*6th November, 2009
Institute of Architecture of Textiles, Technical University of Lodz- Int J Occup Med Environ Health. 2009;22(3):215-26. ([DOI Direct Link](#))
- [Cuff-leak test predicts the severity of postextubation acute laryngeal lesions: a preliminary study.](#)
*BACKGROUND AND OBJECTIVE: The objectives of the present study were to...*3rd November, 2009
From the Department of Perioperative Medicine, Intensive Care and- Eur J Anaesthesiol. 2009 Oct 29. ([DOI Direct Link](#))
- [Work of breathing in adaptive pressure control continuous mandatory ventilation.](#)
*BACKGROUND: Adaptive pressure control is a mode of mechanical ventilation...*30th October, 2009
Division of Pulmonary and Critical Care Medicine, University of Arkansas- Respir Care. 2009 Nov;54(11):1467-72.
- [Routine use of weaning predictors: not so fast.](#)
*ABSTRACT: Weaning from mechanical ventilation remains a major challenge...*30th October, 2009
Office of Educational Affairs, Tufts University School of Medicine, 145- Crit Care. 2009 Oct 21;13(5):197. ([DOI Direct Link](#))
- [\[Breathing pattern and postoperative analgesia at various effect-site concentrations of fentanyl\]](#)
*BACKGROUND: We investigated how various effectsite concentrations of...*29th October, 2009
Department of Anesthesiology, Faculty of Medicine, University of the- Masui. 2009 Oct;58(10):1236-43.
- [Glomerular filtration is reduced by high tidal volume ventilation in an in vivo healthy rat model.](#)
*Mechanical ventilation has been associated with organ failure in patients...*27th October, 2009
LIM/12, Departamento de Nefrologia, Faculdade de Medicina, Universidade de- Braz J Med Biol Res.

- 2009 Nov;42(11):1104-9. ([DOI Direct Link](#))
- [Impact of clonidine administration on delirium and related respiratory weaning after surgical correction of acute type-A aortic dissection: results of a pilot study.](#)
Delirium and transient neurologic dysfunctions (TND) often complicate the...27th October, 2009
Magna Graecia University, Catanzaro, Italy.- *Interact Cardiovasc Thorac Surg.* 2009 Oct 23. ([DOI Direct Link](#))
 - [The effects of caffeine during exercise in fire protective ensemble.](#)
To examine the effects of caffeine during exercise in fire protective...24th October, 2009
Queens University, Kingston, Ontario, Canada.- *Ergonomics.* 2009 Nov;52(11):1445-54. ([DOI Direct Link](#))
 - [Reliability of displayed tidal volume in infants and children during dual-controlled ventilation.](#)
OBJECTIVE:: Previous studies have shown a significant difference between...24th October, 2009
From the Section of Pediatric Critical Care Medicine (MJH, TLT, SJH),- *Pediatr Crit Care Med.* 2009 Oct 20. ([DOI Direct Link](#))
 - [Rap1 mediates protective effects of iloprost against ventilator induced lung injury.](#)
Background: Prostaglandin I2, or PGI2, has been shown to attenuate...24th October, 2009
University of Chicago.- *J Appl Physiol.* 2009 Oct 22. ([DOI Direct Link](#))
 - [The influence of the airway driving pressure on pulsed pressure variation as a predictor of fluid responsiveness.](#)
OBJECTIVE: Assessing pulse pressure variation (PPV) to predict fluid...23rd October, 2009
Division Anesthésie Réanimation Douleur Urgences, Groupe- *Intensive Care Med.* 2009 Oct 22. ([DOI Direct Link](#))
 - [\[Clinical effects of low-stretch ventilation on acute respiratory distress syndrome.\]](#)
OBJECTIVE: To investigate the effectiveness of low-stretch as compared...23rd October, 2009
Intensive Care Unit, the People's Second Hospital of Liaocheng, Linqing- *Zhongguo Wei Zhong Bing Ji Jiu Yi Xue.* 2009 Oct;21(10):609-12.
 - [Gas dispersal potential of infant bedding of sudden death cases. \(I\): CO2 accumulation around the face of infant mannequin model.](#)
We assessed CO(2) gas dispersal potential of bedding that had actually...21st April, 2009
Division of Forensic Medicine, Tohoku University School of Medicine, 2-1- *Leg Med (Tokyo).* 2009 Apr;11 Suppl 1:S404-5. Epub 2009 Apr 16. ([DOI Direct Link](#))

BioNews Results for Tidal Volume

- [Early Trend in Plateau Pressure Can Predict ALI Mortality](#)
Pulmonary Reviews: Oct 9 2009 5:33AM Matching: tidal volume

Tidal Volume Clinical Trials:



- [Study of the Influence of Various Tidal Volumes on Exhaled Breath Condensate \(EBC\) in Mechanically Ventilated Patients](#)



Tidal Volume Patents:

- 7547687- [Therapeutic treatment methods](#)
- 7565905- [Apparatuses and methods for automatically assessing and monitoring a patient's responsiveness](#)
- 7565906- [Pressure/flow control valve and system using same](#)
- 7566308- [Method and apparatus for pulmonary artery pressure signal isolation](#)
- 7567839- [Self-calibrating rate-adaptive pacemaker](#)
- 7568483- [Patient interface with respiratory gas measurement component](#)
- 7570997- [Subcutaneous cardiac rhythm management with asystole prevention therapy](#)
- 7572225- [Sleep logbook](#)
- 7574369- [Data recording, billing, charges, and quality assurance software for mobile devices](#)
- 7575549- [Apparatus and method for increasing, monitoring, measuring, and controlling perspiratory water and solid loss at reduced ambient pressure](#)
- 7575553- [Methods and systems for assessing pulmonary disease](#)
- 7562657- [Method and apparatus for non-invasive prediction of intrinsic positive end-expiratory pressure \(PEEP.sub.i\) in patients receiving ventilator support](#)
- 7562656- [Aerosol medication inhalation system](#)
- 7547931- [Nanoelectronic capnometer adaptor including a nanoelectric sensor selectively sensitive to at least one gaseous constituent of exhaled breath](#)
- 7548780- [Cell therapy and neural stimulation for cardiac repair](#)
- 7550133- [Respiratory drug condensation aerosols and methods of making and using them](#)
- 7550425- [Diuretic peptide conjugates](#)
- 7550480- [Compounds](#)
- 7553487- [Method and compositions for treating asthma](#)
- 7553823- [C-pyrazole A2A receptor agonists](#)
- 7555335- [Biopotential signal source separation using source impedances](#)
- 7558622- [Mesh network stroke monitoring appliance](#)
- 7561923- [Method and apparatus for controlling autonomic balance using neural stimulation](#)
- 7575555- [Docking station for retrieving data in conjunction with improved incentive spirometry devices](#)
- 7582300- [Modulation of gamma delta T cells to regulate airway hyperresponsiveness](#)
- 7582617- [Myocardial perfusion imaging method](#)
- 7592501- [Methods for maintaining genetic stability of inbred animal strains](#)
- 7593772- [Methods and devices to characterize the probability of successful defibrillation and determine treatments for ventricular fibrillation](#)
- 7596413- [Coordinated therapy for disordered breathing including baroreflex modulation](#)
- 7601337- [Delivery of antipsychotics through an inhalation route](#)
- 7603170- [Calibration of impedance monitoring of respiratory volumes using thoracic D.C. impedance](#)
- 7603631- [Method and apparatus for monitoring dynamic systems using n-dimensional representations of critical functions](#)
- 7609810- [Treatment-speed regulated tumor-tracking](#)
- 7610089- [Implantable strain sensor for medical diagnostics](#)
- 7610094- [Synergistic use of medical devices for detecting medical disorders](#)
- 7610914- [MRI/NMR-compatible, tidal volume control and measurement systems, methods, and devices for respiratory and hyperpolarized gas delivery](#)
- 7591265- [Coordinated use of respiratory and cardiac therapies for sleep disordered breathing](#)

- 7590551- [System and method for processing patient information](#)
- 7584004- [Vascularly stabilized peripheral nerve cuff assembly](#)
- 7584752- [Device and process for controlling a respirator](#)
- 7585500- [Fully human monoclonal antibodies to IL-13](#)
- 7585839- [Medical uses of intercellular communication facilitating compounds](#)
- 7588031- [Measurement of a fluid parameter in a pressure support system](#)
- 7588032- [Oxygen conservation system for commercial aircraft](#)
- 7588033- [Methods, systems and devices for improving ventilation in a lung area](#)
- 7588543- [Method and apparatus for predicting work of breathing](#)
- 7589123- [Chemical compounds](#)
- 7590449- [Patient signaling method for treating cardiovascular disease](#)
- 7611832- [Human G protein-coupled receptor and modulators thereof for the treatment of ischemic heart disease and congestive heart failure](#)

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