

# Delta Rhythm

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## Recent Publications on Delta Rhythm:

- [Contralateral hemisphere delta EEG in acute stroke precedes worsening of symptoms and death.](#)  
*The aim of the present study was to characterize sleep in...*21st August, 2008  
- Clin Neurophysiol. 2008 Jul;119(7):1690-4. Epub 2008 May 2. ([DOI Direct Link](#))
- [Cold exposure impairs dark-pulse capacity to induce REM sleep in the albino rat.](#)  
*In the albino rat, a REM sleep (REMS) onset can be induced with a high...*7th August, 2008  
Department of Human and General Physiology, Alma Mater- J Sleep Res. 2008 Jun;17(2):166-79. ([DOI Direct Link](#))
- [Sleep in conduct-disordered adolescents--a polysomnographic and spectral power analysis study.](#)  
*The aim of the present study was to characterize sleep in...*29th July, 2008  
Department of Adolescence Psychiatry, Hospital for Children and- Psychiatry Res. 2008 Jun 30;159(3):339-45. Epub 2008 May 6. ([DOI Direct Link](#))
- [\[The multipleparameter combinatory analysis of EEG rhythms in norm and at schizophrenia\]](#)  
*On the base of EEG records of 38 healthy subjects and 17 schizophrenic...*26th July, 2008  
- Zh Vyssh Nerv Dejat Im I P Pavlova. 2007 Nov-Dec;57(6):684-91.
- [The microstructure of active and quiet sleep as cortical delta activity emerges in infant rats.](#)  
*STUDY OBJECTIVES: Previous investigators have suggested that quiet sleep...*18th July, 2008  
Department of Psychology, University of Iowa, Iowa City, Iowa 52242, USA.- Sleep. 2008 May 1;31(5):691-9.
- [The influence of low-grade glioma on resting state oscillatory brain activity: a magnetoencephalography study.](#)  
*PURPOSE: In the present MEG-study, power spectral analysis of oscillatory...*10th July, 2008  
Department of Neurology, VU University Medical Center, De Boelelaan 1117,- J Neurooncol. 2008 May;88(1):77-85. Epub 2008 Feb 8. ([DOI Direct Link](#))
- [The spectral power coherence of the EEG under different EMF conditions.](#)  
*The present study introduces the concept of spectral power coherence...*26th June, 2008  
National Technical University of Athens, Department of Electrical- Neurosci Lett. 2008 Aug 22;441(2):188-92. Epub 2008 Jun 18. ([DOI Direct Link](#))
- [Reduced verbal learning associated with posterior temporal lobe slow wave activity.](#)  
*Functional imaging has revealed that during verbal-word learning there is...*12th June, 2008  
Department of Neurology, University of Florida, Malcom Randall Veterans- Dev Neuropsychol. 2008;33(1):25-43. ([DOI Direct Link](#))
- [Asymmetry in sympathetic and vagal activities during sleep-wake transitions.](#)  
*STUDY OBJECTIVES: To explore the role of autonomic nervous system in...*17th May, 2008

Institute of Brain Science, National Yang-Ming University, Taipei, Taiwan.- Sleep. 2008 Mar 1;31(3):311-20.

- [Cortisol administration enhances the coupling of midfrontal delta and beta oscillations.](#)  
*There is increasing evidence that the strength of the relation between...*7th May, 2008  
Department of Clinical, Health and Neuropsychology, Leiden University, PO- Int J Psychophysiol. 2008 Feb;67(2):144-50. Epub 2007 Nov 22. ([DOI Direct Link](#))
- [Combined EEG-fMRI and tractography to visualise propagation of epileptic activity.](#)  
*In a patient with refractory temporal lobe epilepsy, EEG-fMRI showed...*30th April, 2008  
Department of Clinical and Experimental Epilepsy, UCL Institute of- J Neurol Neurosurg Psychiatry. 2008 May;79(5):594-7. Epub 2007 Dec 20. ([DOI Direct Link](#))
- [Electroencephalographic and respiratory activities during acute intermittent hypoxia in anesthetized rats.](#)  
*Cortical activity and respiratory responses to intermittent hypoxia were...*24th April, 2008  
Department of Respiratory Research, Medical Research Center, Polish- J Physiol Pharmacol. 2007 Nov;58 Suppl 5(Pt 1):85-93.
- [Entrainment of neuronal oscillations as a mechanism of attentional selection.](#)  
*Whereas gamma-band neuronal oscillations clearly appear integral to visual...*17th April, 2008  
Cognitive Neuroscience and Schizophrenia Program, Nathan Kline Institute,- Science. 2008 Apr 4;320(5872):110-3. ([DOI Direct Link](#))
- [The increase in longitudinally measured sleepiness across adolescence is related to the maturational decline in low-frequency EEG power.](#)  
*OBJECTIVES: A changing sleep schedule that reduces sleep duration is...*20th March, 2008  
Department of Psychiatry and Behavioral Sciences, University of- Sleep. 2007 Dec 1;30(12):1677-87.
- [Transient reduction of tinnitus intensity is marked by concomitant reductions of delta band power.](#)  
*BACKGROUND: Tinnitus is an auditory phantom phenomenon characterized by...*1st March, 2008  
Department of Psychology, University of Konstanz, Konstanz, Germany.- BMC Biol. 2008 Jan 16;6:4. ([DOI Direct Link](#))

## Delta Rhythm Patents:



- 7231246- [Detection of encephalopathy](#)
- 4313943- [7-Chloro-2,3-dihydro-5-phenyl-1-propargyl-1H-1,4-benzodiazepine-2-one, and a pharmaceutical composition thereof](#)
- 4834701- [Apparatus for inducing frequency reduction in brain wave](#)
- 5036858- [Method and apparatus for changing brain wave frequency](#)
- 5267570- [Method of diagnosing and treating chronic fatigue syndrome](#)
- 5365939- [Method for evaluating and treating an individual with electroencephalographic disentrainment feedback](#)
- 5378686- [Therapeutic treatment of fibromyalgia](#)
- 5470081- [Control-signal input device for computer game machines](#)
- 5527259- [Magnetic field induction multi-pulse therapy](#)
- 5678560- [Brain-wave analysis method and apparatus](#)
- 5687291- [Method and apparatus for estimating a cognitive decision made in response to a known stimulus from the corresponding single-event evoked cerebral potential](#)

- 5730141- [Tachyarrhythmia detection method](#)
- 6081743- [Method and apparatus for treating an individual using electroencephalographic and cerebral blood flow feedback](#)
- 6092058- [Automatic aiding of human cognitive functions with computerized displays](#)
- 6299632- [Method for changing critical brain activity using light and sound](#)
- 6443977- [Apparatus and method for changing critical brain activity using light and sound](#)
- 6748263- [Monitoring electrical activity](#)
- 3968354- [Transversal digital filter for delta coded signals](#)

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