

# Arachnoid

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Arachnoiditis is a neuropathic disease caused by the inflammation of the arachnoid, one of the membranes that surround and protect the nerves of the central nervous system, including the brain and spinal cord. The arachnoid can become inflamed because of an irritation from chemicals, infection from bacteria or viruses, as the result of direct injury to the spine, chronic compression of spinal nerves, or complications from spinal surgery or other invasive spinal procedures. Inflammation can sometimes lead to the formation of scar tissue and adhesions which can cause the spinal nerves to "stick" together. ([From the Wikipedia article Arachnoid](#).)



## Recent Publications on Arachnoid:

- [Arachnoid Cyst of the Cerebellopontine Angle Causing Tinnitus and Hearing Loss.](#)  
*(Headache 2009;\*\*.\*\*-\*\*)* Arachnoid cysts represent a common, innocent,...20th November, 2009  
Department of Otolaryngology-Head and Neck Surgery, University Hospital- Otol Neurotol. 2009 Nov 17. ([DOI Direct Link](#))
- [Chronic neuropathic pain in spinal cord injured patients: what is the effectiveness of surgical treatments excluding central neurostimulations?](#)  
*OBJECTIVES: Analyzing the literature and elaborating recommendations on...*17th November, 2009  
Service de neurotraumatologie, hotel-Dieu, CHU de Nantes, 44093 Nantes- Ann Phys Rehabil Med. 2009 Mar;52(2):194-202. Epub 2009 Feb 23. ([DOI Direct Link](#))
- [Multiple extradural spinal arachnoid cysts causing diffuse myelomalacia of the spinal cord.](#)  
*INTRODUCTION: Extradural spinal cyst is a rare cause of compression...*11th November, 2009  
Department of Radiology, Baskent University School Medicine, Alanya- Neurologist. 2009 Nov;15(6):347-50. ([DOI Direct Link](#))
- [Clinical experience of using multidetector-row CT for the diagnosis of disorders in cattle.](#)  
*To determine the clinical usefulness of multidetector-row CT for the...*10th November, 2009  
Department of Clinical Veterinary Science, Obihiro University of- Vet Rec. 2009 Nov 7;165(19):559-62.
- [Surgical results of intradural extramedullary tumors.](#)  
*BACKGROUND: To report the treatment results of 12 patients who underwent a...*4th November, 2009  
Department of Orthopaedic Surgery, Kangdong Sacred Heart Hospital, Hallym- Clin Orthop Surg. 2009 Jun;1(2):74-80. Epub 2009 May 27. ([DOI Direct Link](#))
- [Efficacy of endovascular stenting in dural venous sinus stenosis for the treatment of idiopathic intracranial hypertension.](#)  
*Multiple pathophysiological mechanisms have been proposed for the...*3rd November, 2009  
Departments of Neurosurgery, Stanford University School of Medicine,- Neurosurg Focus. 2009 Nov;27(5):E14. ([DOI Direct Link](#))
- [The syndrome of pachygyria, mental retardation, and arachnoid cysts maps to 11p15.](#)  
*Multiple pathophysiological mechanisms have been proposed for the...*31st October, 2009

Department of Neurosurgery, Yale University School of Medicine, New Haven,- Am J Med Genet A. 2009 Nov;149A(11):2569-72. ([DOI Direct Link](#))

- [Endoscopic removal of a suprasellar arachnoid cyst: an anatomical study with special reference to skull base.](#)  
*BACKGROUND: Suprasellar arachnoid cysts are rare entities in adults,...*27th October, 2009  
Neurosurgery Department, Hopital FOCH, 40 avenue Worth, BP 36, 92151,- Surg Radiol Anat. 2009 Oct 24. ([DOI Direct Link](#))
- [An unusual case of retrobulbar arachnoid cyst and its management.](#)  
*Arachnoid cysts are collection of cerebrospinal fluid contained inside a...*21st October, 2009  
Sri Sankaradeva Nethralaya, Guwahati, Assam, India.- Orbit. 2009;28(2-3):169-71.
- [Microsurgical and endoscopic anatomy of the supratentorial arachnoidal membranes and cisterns.](#)  
*OBJECTIVE: A limitation of previous studies of the arachnoid cisterns and...*17th October, 2009  
Department of Neurosurgery, University of Florida, Gainesville, Florida- Neurosurgery. 2009 Oct;65(4):644-64; discussion 665. ([DOI Direct Link](#))
- [\[Risk factors associated with the complications of surgical treatment of intracranial arachnoid cysts in adult patients. Retrospective case series analysis.\]](#)  
*INTRODUCTION. We analyzed the surgical results in patients operated for an...*16th October, 2009  
Servicio de Neurocirugia. Hospital de Especialidades. Centro Medico- Neurocirugia (Astur). 2009 Oct;20(5):454-460.
- [Multiple extradural spinal arachnoid cysts: a case report and review of the literature.](#)  
*Extradural spinal arachnoid cysts are rare lesions, which may become...*16th October, 2009  
Department of Neurosurgery, Imam Khomeini Hospital, Tehran University of- Cases J. 2009 May 20;2:7531. ([DOI Direct Link](#))
- [Limits of endoscopic treatment of sylvian arachnoid cysts in children.](#)  
*INTRODUCTION: The optimal surgical management of sylvian arachnoid cysts...*14th October, 2009  
Department of Paediatric Neurosurgery, Hopital Necker-Enfants Malades,- Childs Nerv Syst. 2009 Oct 13. ([DOI Direct Link](#))
- [Magnetic resonance imaging of the fetal central nervous system in Singapore.](#)  
*INTRODUCTION: Fetal imaging has improved with the development of faster...*10th October, 2009  
Department of Diagnostic Imaging, KK Women's and Children's Hospital,- Ann Acad Med Singapore. 2009 Sep;38(9):774-81.
- [Rupture of Middle Fossa Arachnoid Cyst Simulating New-Onset Migraine With Aura.](#)  
*(Headache 2009;\*\*.\*\*-\*\*) Arachnoid cysts represent a common, innocent,...*24th January, 2009  
From the Department of Neurosciences, Instituto de Medicina Molecular,- Headache. 2009 Nov 17. ([DOI Direct Link](#))

## BioNews Results for Arachnoid

- [Treating meningiomas, tumors that grow outside brain](#)  
*Baltimore Sun: Nov 2 2009 4:46PM Matching: arachnoid*

## Arachnoid Clinical Trials:

- [Tumor Classification and Its Application in Surgical Treatment of Craniopharyngioma](#)





## Arachnoid Patents:

- 7454359- [System and method for displaying a health status of hospitalized patients](#)
- 7502651- [Methods for stimulating a dorsal root ganglion](#)
- 7506409- [Handle/grip and method for designing the like](#)
- 7509171- [Method of removing deleterious charged molecules from brain tissue](#)
- 7513883- [Subarachnoid epidural shunt](#)
- 7514099- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7517662- [Method for solution based diagnosis](#)
- 7517864- [RNA interference mediated inhibition of vascular endothelial growth factor and vascular endothelial growth factor receptor gene expression using short interfering nucleic acid \(siNA\)](#)
- 7517971- [Muteins of human telomerase reverse transcriptase lacking telomerase catalytic activity](#)
- 7527946- [Interferon-beta-1a-immunoglobulin fusion proteins and uses](#)
- 7529582- [Method and apparatus for neuromodulation and physiologic modulation for the treatment of metabolic and neuropsychiatric disease](#)
- 7498332- [Therapy for cerebral vasospasm](#)
- 7491240- [Artificial spinal disc replacement system and method](#)
- 7482154- [Diamagnetic force field bioreactor](#)
- 7454360- [Order evaluation system for use in a healthcare location](#)
- 7458968- [Device for neurocryo analgesia and anesthesia](#)
- 7459465- [Isoquinoline compound and pharmaceutical use thereof](#)
- 7459558- [Derivatives of 2-\(iminomethyl\)amino-phenyl, their preparation, their use as medicaments and the pharmaceutical compositions containing them](#)
- 7465721- [2-hydroxytetrahydrofuran derivatives and use thereof as medicaments](#)
- 7467094- [System and method for accounting and billing patients in a hospital environment](#)
- 7468367- [Ethylene diamine derivatives and their use as orexin-receptor antagonists](#)
- 7470710- [N-aroyl cyclic amine derivatives as orexin receptor antagonists](#)
- 7473779- [Derivatives of amidines, their preparation, their use as medicaments and the pharmaceutical compositions containing them](#)
- 7479539- [Hedgehog fusion proteins](#)
- 7537768- [Influenza virus vaccine composition and methods of use](#)
- 7539533- [Mesh network monitoring appliance](#)
- 7576241- [Derivatives of amidines, their preparation, their use as medicaments and the pharmaceutical compositions containing them](#)
- 7580753- [Method and system for stimulating a dorsal root ganglion](#)
- 7585622- [Increasing the proliferative capacity of cells using telomerase reverse transcriptase](#)
- 7593770- [Method and device for enhanced delivery of a biologically active agent through the spinal spaces into the central nervous system of a mammal](#)
- 7593967- [Electronic clinical reference and education system and method of use](#)
- 7599736- [Method and apparatus for neuromodulation and physiologic modulation for the treatment of metabolic and neuropsychiatric disease](#)

- 7601525- [Alginate gel scaffold having a plurality of continuous parallel microtubular copper capillaries](#)
- 7604992- [Generation of neural stem cells from undifferentiated human embryonic stem cells](#)
- 7608247- [Use of outer membrane protein a in treatment/prevention/diagnosis of bacterial infection in central nervous system and/or peripheral blood circulation](#)
- 7615373- [Electroprocessed collagen and tissue engineering](#)
- 7576061- [Methods for preventing mitochondrial permeability transition](#)
- 7575589- [Light-emitting device and method for providing phototherapy to the brain](#)
- 7572913- [4-substituted piperidine derivatives](#)
- 7541340- [Methods for reducing CD36 expression](#)
- 7544171- [Methods for promoting nerve regeneration and neuronal growth and elongation](#)
- 7546164- [Electrical tissue stimulation apparatus and method](#)
- 7547283- [Methods for determining intracranial pressure non-invasively](#)
- 7550439- [Methods for reducing oxidative damage](#)
- 7553976- [Derivatives of 2-\(iminomethyl\)amino-phenyl, their preparation, their use as medicaments and the pharmaceutical compositions containing them](#)
- 7558622- [Mesh network stroke monitoring appliance](#)
- 7560437- [Nucleic acid compositions for eliciting an immune response against telomerase reverse transcriptase](#)
- 7569544- [Methods of increasing delivery of active agents to brain comprising administering receptor associated protein \(RAP\) fragments conjugated to active agents](#)
- 7572290- [Implantable intraluminal device and method of using same in treating aneurysms](#)
- 7618614- [Hydrocephalus treatment](#)

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