

# Myelography

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Myelography is a type of radiographic examination that uses a contrast medium to detect pathology of the spinal cord, including the location of a spinal cord injury, cysts, and tumors. The procedure often involves injection of contrast medium into the cervical or lumbar spine, followed by several X-ray projections. A myelogram may help to find the cause of pain not found by an MRI or CT. Myelography has been largely replaced by the use of CT and MRI scans. A CT is typically performed after myelographic material has been placed with fluoroscopic guidance. A CT myelogram is most useful for patients who cannot undergo MRI or for those in whom MRI provides limited information. ([From the Wikipedia article Myelography.](#))



## Recent Publications on Myelography:

- [The major invasive procedure of the neurologist is the spinal tap. Its...](#) 19th November, 2009  
Neurologische Universitätsklinik der Ludwig-Maximilian-Universität,- Nervenarzt. 2009 Nov 19. ([DOI Direct Link](#))
- [Neurotrophins in the Cerebrospinal Fluid of Patient Cohorts With Neuropathic Pain, Nociceptive Pain, or Normal Pressure Hydrocephalus.](#)  
*OBJECTIVE: The pathophysiology of neuropathic pain is still poorly...* 19th November, 2009  
\*Department of Neurosurgery, Medical University Hannover, MHH, Hannover- Clin J Pain. 2009 Oct;25(8):729-733. ([DOI Direct Link](#))
- [Pedicle morphometry for thoracic screw fixation in ethnic koreans : radiological assessment using computed tomographic myelography.](#)  
*OBJECTIVE: In the thoracic spine, insertion of a pedicle screw is annoying...* 7th November, 2009  
Department of Neurosurgery, Dankook University College of Medicine,- J Korean Neurosurg Soc. 2009 Oct;46(4):317-21. Epub 2009 Oct 31. ([DOI Direct Link](#))
- [Image classification of idiopathic spinal cord herniation based on symptom severity and surgical outcome: a multicenter study.](#)  
*OBJECT: The purpose of this study was to provide the first evidence for...* 30th October, 2009  
Department of Orthopaedic Surgery, Nagoya University Graduate School of- J Neurosurg Spine. 2009 Sep;11(3):310-9. ([DOI Direct Link](#))
- [Case report: Spinal dermoid sinus in a Burmese cat with paraparesis.](#)  
*A 2-year-old, male, Burmese cat was evaluated for chronic progressive...* 28th October, 2009  
University Veterinary Teaching Hospital Camden, Faculty of Veterinary- Aust Vet J. 2009 Nov;87(11):450-4. ([DOI Direct Link](#))
- [Preoperative patient selection with magnetic resonance imaging, computed tomography, and electroencephalography: does the test predict outcome after cervical surgery?](#)  
*OBJECT: The objective of this systematic review was to use evidence-based...* 15th October, 2009

- Department of Neurosurgery, University of California at San Francisco,- J Neurosurg Spine. 2009 Aug;11(2):119-29. ([DOI Direct Link](#))
- [Hemilaminectomy and vertebral stabilisation for the treatment of thoracolumbar disc protrusion in 28 dogs.](#)  
*OBJECTIVES: To evaluate the results of hemilaminectomy and vertebral...*3rd October, 2009  
 Willows Referral Service, Shirley, Solihull, West Midlands B90 4NH, UK.- J Small Anim Pract. 2009 Oct;50(10):525-35. ([DOI Direct Link](#))
  - [Myelography vs. computed tomography in the evaluation of acute thoracolumbar intervertebral disk extrusion in chondrodystrophic dogs.](#)  
*Myelography and/or computed tomography (CT) are commonly used to evaluate...*2nd October, 2009  
 Department of Small Animal Clinical Sciences, University of Tennessee- Vet Radiol Ultrasound. 2009 Jul-Aug;50(4):353-9.
  - [Comparison of the diagnosis of intervertebral disc herniation in dogs by CT before and after contrast enhancement of the subarachnoid space.](#)  
*Eleven miniature dachshunds with a herniated intervertebral disc were...*30th September, 2009  
 Department of Clinical Veterinary Science, Obihiro University of- Vet Rec. 2009 Aug 15;165(7):200-2.
  - [Spinal epidural hematoma after stretch exercise: a case report.](#)  
*Spinal epidural hematoma (SEH) is a rare but serious condition. Common...*23rd September, 2009  
 Department of Emergency and Critical Care Medicine, St. Luke's- Am J Emerg Med. 2009 Sep;27(7):902.e1-2. ([DOI Direct Link](#))
  - [Spinal cord compression caused by idiopathic intradural arachnoid cysts of the spine: review of the literature and illustrated case.](#)  
*Intradural spinal arachnoid cysts with cord compression are rare. When...*19th September, 2009  
 Department of Neurosurgery, University of Schleswig Holstein, Campus Kiel,- Eur Spine J. 2009 Sep 10. ([DOI Direct Link](#))
  - [\[Flat-detector computed tomography in diagnostic and interventional neuroradiology\]](#)  
*Originally aimed at improving standard radiography by providing higher...*4th September, 2009  
 Abteilung für Neuroradiologie, Universitätsklinikum Erlangen,- Radiologe. 2009 Sep;49(9):820-9. ([DOI Direct Link](#))
  - [Morphologic Changes of L5 Root at Coronal Source Images of MR Myelography in Cases of Foraminal or Extraforaminal Compression.](#)  
*OBJECTIVE: TWO FINDINGS EASILY FOUND AT CORONAL SOURCE IMAGES OF MR...*27th August, 2009  
 Department of Orthopedic Surgery, Seoul Wooidul Hospital, Seoul, Korea.- J Korean Neurosurg Soc. 2009 Jul;46(1):11-5. Epub 2009 Jul 31. ([DOI Direct Link](#))
  - [Spinal subarachnoid hematoma with hyperextension lumbar fracture in diffuse idiopathic skeletal hyperostosis: a case report.](#)  
*STUDY DESIGN: A case report of a spinal subarachnoid hematoma (SSAH)...*15th August, 2009  
 Department of Orthopedic Surgery, Spine Center, East West Neomedical- Spine (Phila Pa 1976). 2009 Aug 15;34(18):E673-6. ([DOI Direct Link](#))
  - [Cervical spine locking plate fixation for treatment of cervical spondylotic myelopathy in large breed dogs.](#)  
*OBJECTIVE: To describe indirect decompression by means of cervical spine...*14th August, 2009  
 Department of Clinical Sciences, College of Veterinary Medicine, Cornell- Vet Surg. 2009 Aug;38(6):705-18. ([DOI Direct Link](#))



## Myelography Patents:

- 6221056- [Strong diaphragm/safe needle units and components for transfer of fluids](#)
- 6565870- [Methods for treating bone tumors](#)
- 6632019- [Radiographic apparatus](#)
- 6641820- [Clostridial toxin derivatives and methods to treat pain](#)
- 6669365- [Apparatus for X-ray fluoroscopy and radiography](#)
- 6686388- [Regulators of the hedgehog pathway, compositions and uses related thereto](#)
- 6687333- [System and method for producing pulsed monochromatic X-rays](#)
- 6723746- [Functional radiographic imaging methods and agents](#)
- 6751290- [Radiographic assessment of tissue after exposure to a compound](#)
- 6843598- [Imaging plate cassette for extended X-ray photographs](#)
- 6867216- [Inhibitors of hedgehog signal pathways, compositions and uses related thereto](#)
- 6562318- [Particular agents](#)
- 6552016- [Mediators of hedgehog signaling pathways, compositions and uses related thereto](#)
- 6545005- [Mediators of hedgehog signaling pathways, compositions and uses related thereto](#)
- 6226352- [System and method for radiographic imaging of tissue](#)
- 6254553- [Method for ultrasonic treatment of disc disease](#)
- 6265442- [Treatment of neurological diseases by increasing brain concentrations of kynurenic acid](#)
- 6291516- [Regulators of the hedgehog pathway, compositions and uses related thereto](#)
- 6307368- [Linear combination steady-state free precession MRI](#)
- 6332017- [System and method for producing pulsed monochromatic X-rays](#)
- 6340359- [Process for reversibly compressing prechannelled/preweakened diaphragms](#)
- 6391014- [Strong diaphragm/safe needle/converting device combinations and their individual components](#)
- 6500436- [Clostridial toxin derivatives and methods for treating pain](#)
- 6533799- [Cavity measurement device and method of assembly](#)
- 6902881- [Compounds and methods for regulating cell differentiation](#)
- 6908732- [Compounds and methods for regulating cell differentiation](#)
- 7300929- [Mediators of hedgehog signaling pathways, compositions and uses related thereto](#)
- 7308412- [Computer accessible methods for establishing informed consent](#)
- 7331963- [Drill head for use in placing an intervertebral disc device](#)
- 7344853- [Methods for diagnosis and monitoring of neurological disease by detection of an encephalotoxin](#)
- 7359539- [Method for herniated inter-vertebral disc diagnosis based on image analysis of transverse sections](#)
- 7374536- [Method for analysis of pain images](#)
- 7427415- [Implantation of encapsulated biological materials for treating diseases](#)
- 7474731- [Systems and methods for adaptive image processing using acquisition data and calibration/model data](#)
- 7476661- [Regulators of the hedgehog pathway, compositions and uses related thereto](#)
- 7582658- [Bicyclic compound](#)
- 7291626- [Inhibitors of hedgehog signaling pathways, compositions and uses related thereto](#)
- 7243387- [Positioning aid for use in performing a tomographic functional examination of the cervical spine](#)
- 7206627- [System and method for intra-operative haptic planning of a medical procedure](#)

- 6923950- [System and method for radiographic imaging of tissue](#)
- 6932833- [Method and barrier for limiting fluid movement through a tissue rent](#)
- 6980922- [Computer simulation model for determining damage to the human central nervous system](#)
- 6986180- [Bed](#)
- 6994727- [Total disc implant](#)
- 7019035- [Method for attenuating free radical formation resulting from bodily insult](#)
- 7098196- [Regulators of the hedgehog pathway, compositions and uses related thereto](#)
- 7130691- [Method for eradicating pain of central origin resulting from spinal cord injury](#)
- 7182773- [Cavity measurement device and method of assembly](#)
- 7206626- [System and method for haptic sculpting of physical objects](#)
- 7585848- [Methods and compositions for treating, inhibiting and reversing disorders of the intervertebral disc](#)

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