

## Sciatica

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Sciatica is a set of symptoms including pain that may be caused by general compression and/or irritation of one of five nerve roots that give rise to the sciatic nerve, or by compression or irritation of the sciatic nerve itself. The pain is felt in the lower back, buttock, and/or various parts of the leg and foot. In addition to pain, which is sometimes severe, there may be numbness, muscular weakness, and difficulty in moving or controlling the leg. Typically, the symptoms are only felt on one side of the body. Although sciatica is a relatively common form of low back pain and leg pain, the true meaning of the term often is misunderstood. Sciatica is a set of symptoms rather than a diagnosis for what is irritating the root of the nerve, causing the pain. This point is important, because treatment for sciatica or sciatic symptoms will often be different, depending upon the underlying cause of the symptoms. The first cited use of the word "sciatica" was registered in 1450.

### Recent Publications on Sciatica:



- [Acute lumbar disk pain: navigating evaluation and treatment choices.](#)  
*Acute lumbar disk herniations are the most common cause of sciatica. After...*10th October, 2008  
Lynchburg Family Medicine Residency, Lynchburg, Virginia, USA.- *Am Fam Physician*. 2008 Oct 1;78(7):835-42.
- [Physiotherapy added to GP care results in long-term improvements for sciatica.](#)  
*Acute lumbar disk herniations are the most common cause of sciatica. After...*7th October, 2008  
Arthritis Research Campaign National Primary Care Centre, Keele- *Aust J Physiother*. 2008;54(3):218.
- [Reliability, validity, and responsiveness of the Norwegian versions of the Maine-Seattle Back Questionnaire and the Sciatica Bothersomeness and Frequency Indices.](#)  
*STUDY DESIGN: Cross-sectional and prospective study of patients with...*2nd October, 2008  
Department of Rheumatology, Ostfold Hospital Trust, Norway.- *Spine*. 2008 Oct 1;33(21):2347-53. ([DOI Direct Link](#))
- [Health status, symptoms and health counselling among middle-aged men: comparison of men at low and high risk.](#)  
*Scand J Caring Sci; 2008*Health status, symptoms and health counselling...1st October, 2008  
Department of General Practice and Primary Health Care, University of- *Scand J Caring Sci*. 2008 Sep 24. ([DOI Direct Link](#))
- [Cost-effectiveness of decompression according to Gill versus instrumented spondylodesis in the treatment of sciatica due to low grade spondylolytic spondylolisthesis: a prospective randomised controlled trial \[NTR1300\].](#)  
*ABSTRACT: BACKGROUND: Nerve root decompression with instrumented...*30th September, 2008  
- *BMC Musculoskelet Disord*. 2008 Sep 28;9(1):128. ([DOI Direct Link](#))
- [CT-Guided Corticosteroid Injection as a Therapeutic Management for the Piriformis Syndrome: Case](#)

## [Report.](#)

*The piriformis syndrome is a rare entrapment neuropathy in which the...* 25th September, 2008  
Department of Neurosurgery, Baskent University, Ankara, Turkey.- Turk Neurosurg. 2008 Jul;18(3):307-10.

- [...About sciatica.](#)

*The piriformis syndrome is a rare entrapment neuropathy in which the...* 25th September, 2008  
- Nursing. 2008 Oct;38(10):15. ([DOI Direct Link](#))

- [\[Sciatica due to unusual causes: Tarlov cysts and nerve roots anomalies.\]](#)

*Tarlov cysts and nerve roots anomalies usually involve lumbosacral roots...* 24th September, 2008  
Service de rhumatologie, EPS de Monastir, 5000 Monastir, Tunisie.- Rev Neurol (Paris). 2008 Sep 20.  
([DOI Direct Link](#))

- [Differential diagnosis of intraspinal and extraspinal non-discogenic sciatica.](#)

*The aim of this study is to present a series of 11 patients with...* 16th September, 2008  
Department of Physical Medicine and Rehabilitation, Yeditepe University- J Clin Neurosci. 2008 Sep 11. ([DOI Direct Link](#))

- [Vertebral endplate signal changes \(Modic change\): a systematic literature review of prevalence and association with non-specific low back pain.](#)

*The prevalence of "vertebral endplate signal changes" (VESC) and its...* 13th September, 2008  
The Back Research Center, Lindevej 5, 5750, Ringe, Denmark,- Eur Spine J. 2008 Sep 12. ([DOI Direct Link](#))

- [Sciatica due to extrapelvic heterotopic ossification: A case report.](#)

*ABSTRACT: INTRODUCTION: Sciatica is a common problem, usually caused by...* 12th September, 2008  
Department of Orthopaedics, University Hospital of Patras, 26504 Rion- J Med Case Reports. 2008 Sep 10;2:298. ([DOI Direct Link](#))

- [\[What barriers hinder the reporting of work related sciatic pain by GPs and rheumatologists?\]](#)

*Despite an epidemic of muscular-skeletal disorders (MSD), they are...* 9th September, 2008  
Observatoire regional de la sante Provence Alpes Cote d'Azur, Marseille.- Sante Publique. 2008 May-Jun;20 Suppl 3:S39-48.

- [Oral steroids in initial treatment of acute sciatica.](#)

*Objective: Many physicians use prednisone to treat acute sciatica with the...* 6th September, 2008  
the Department of Family Medicine, Kaiser Permanente Medical Center, Santa- J Am Board Fam Med. 2008 Sep-Oct;21(5):469-74. ([DOI Direct Link](#))

- [Elevated levels of tumor necrosis factor-alpha in periradicular fat tissue in patients with radiculopathy from herniated disc.](#)

*STUDY DESIGN: Case-control study. OBJECTIVE: To determine whether...* 2nd September, 2008  
Division of Rheumatology, University Hospitals of Geneva, Geneva,- Spine. 2008 Sep 1;33(19):2041-6.  
([DOI Direct Link](#))

- [Radiculopathy caused by lumbar epidural venous varix: case report.](#)

*A 33-year-old man presented with a rare case of lumbar epidural venous...* 23rd August, 2008  
Department of Neurosurgery, Hokkaido University Graduate School of- Neurol Med Chir (Tokyo). 2008 Aug;48(8):367-71.

## **BioNews Results for Sciatica**

- [NeuroMetrix Receives FDA 510k Clearance for UNIVERSAL Electrodes used in the Performance of Nerve Conduction S](#)

*Pharmacy Choice: Oct 10 2008 8:01AM Matching: sciatica*

- [NeuroMetrix Receives FDA 510\(k\) Clearance For UNIVERSAL Electrodes Used In The Performance Of Nerve Conduction](#)

- Medical Design Online: Oct 6 2008 10:26AM Matching: sciatica*
- [Repurposing of Enbrel for Alzheimer's Disease](#)  
*EMedia Wire: Oct 2 2008 11:25AM Matching: sciatica*
  - [Repurposing of Enbrel for Alzheimer's Disease](#)  
*PRWeb: Oct 2 2008 11:09AM Matching: sciatica*
  - [Three causes of lasting cough are asthma, postnasal drip, reflux](#)  
*Chattanooga Times Free Press: Sep 23 2008 7:53AM Matching: sciatica*
  - [The three secrets about patient acquisition the consultants don't want you to know](#)  
*Chiropractic Economics: Sep 19 2008 7:08PM Matching: sciatica*
  - [Innolife Pharma Inc. Grabs Attention Of Financial Community](#)  
*PR Newswire: Aug 26 2008 11:45AM Matching: sciatica*

### Sciatica Clinical Trials:



- [The Efficacy of Oral Steroids in the Treatment of Acute Sciatica](#)  
*Sciatica Intervention: Drug: Oral Prednisone*

### Sciatica Patents:



- 7318823- [Methods for repairing damaged intervertebral discs](#)
- 7345041- [Chemical compounds](#)
- 7345083- [Hydroisoindoline tachykinin receptor antagonists](#)
- 7357798- [Systems and methods for electrosurgical prevention of disc herniations](#)
- 7359539- [Method for herniated inter-vertebral disc diagnosis based on image analysis of transverse sections](#)
- 7361687- [Arylsulphonamide derivatives and methods of preparing](#)
- 7367961- [Intradiscal injection of autologous interferon](#)
- 7368527- [HADDE71 polypeptides](#)
- 7368531- [Human secreted proteins](#)
- 7373206- [Failsafe programming of implantable medical devices](#)
- 7374536- [Method for analysis of pain images](#)
- 7344739- [Anti-allergic herbal formulation](#)
- 7344716- [Transdiscal administration of specific inhibitors of pro-inflammatory cytokines](#)
- 7326207- [Surgical weight control device](#)
- 7329259- [Articulating spinal implant](#)
- 7329659- [Substituted-1-phthalazinamines as vr-1 antagonists](#)
- 7329667- [CRF receptor antagonists](#)
- 7331956- [Methods and apparatus for treating back pain](#)

- 7337005- [Methods for stimulating a nerve root ganglion](#)
- 7337006- [Methods and systems for modulating neural tissue](#)
- 7338674- [Anti-arthritis herbal composition and method thereof](#)
- 7338781- [Organic anion transporting \(oat\)-like protein UST3-LIKE1 and uses thereof](#)
- 7338968- [Thiadiazoles AS CXC- and CC- chemokine receptor ligands](#)
- 7374569- [Dynamically distributing power of a light beam for use in light therapy](#)
- 7381741- [3-amino-2-phenylpyrrolidine derivatives](#)
- 7400930- [Method for treating intervertebral discs](#)
- 7405302- [5-lipoxygenase-activating protein \(FLAP\) inhibitors](#)
- 7410493- [Method and device for the treatment of anxiety disorders](#)
- 7410970- [Substituted 1,4,-di-piperidin-4-yl-piperazine derivatives and their use as neurokinin antagonists](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7411091- [N-acyl-N'-benzyl-alkylendiamino derivatives](#)
- 7417068- [EP.sub.4 receptor antagonists](#)
- 7423054- [Therapeutic pyrazolo\[3,4-b\]pyridines and indazoles](#)
- 7427630- [Condensed N-heterocyclic compounds and their use as CRF receptor antagonists](#)
- 7429378- [Transdiscal administration of high affinity anti-MMP inhibitors](#)
- 7396361- [Light treatment head](#)
- 7393934- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)
- 7381747- [Alpha 2 delta ligands for post-traumatic stress disorder](#)
- 7381800- [Antibodies to HBIMF63 polypeptide](#)
- 7386348- [Patient interactive neurostimulation system and method](#)
- 7387613- [Device for non-invasive ultrasound treatment of disc disease](#)
- 7387625- [Methods and apparatus for treating intervertebral discs](#)
- 7388023- [Amino acids with affinity for the .alpha.2.delta.-protein](#)
- 7390507- [Compositions and methods for the treatment of radiation burns and other traumatic skin conditions](#)
- 7390637- [Keratinocyte derived interferon](#)
- 7390817- [Combinations of a vanilloid antagonist and an NSAID for the treatment of pain](#)
- 7393351- [Apparatus and methods for treating cervical inter-vertebral discs](#)
- 7429575- [N-\(phosphonoalkyl\)-amino acids, derivatives thereof and compositions and methods of use](#)

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