

Sacrum

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The sacrum is a large, triangular bone at the base of the spine and at the upper and back part of the pelvic cavity, where it is inserted like a wedge between the two hip bones. Its upper part connects with the last lumbar vertebra, and bottom part with the coccyx . It is curved upon itself and placed obliquely . It is kyphotic - that is, concave facing forwards. The base projects forward as the sacral promontory internally, and articulates with the last lumbar vertebra to form the prominent sacrovertebral angle. The central part is curved outward towards the posterior, allowing greater room for the pelvic cavity. ([From the Wikipedia article Sacrum](#) .)



Recent Publications on Sacrum:

- [Superior clinical impact of FDG-PET compared to MRI for the follow-up of a patient with sacral lymphoma.](#)
*The assessment of residual tumors after treatment of malignant lymphoma...*13th November, 2009
Department of Internal Medicine, Heisei Memorial Hospital, Kashihara,- J Clin Exp Hematop. 2009 Nov;49(2):109-15.
- [Malignant pilomatricoma in a soft-coated Wheaten Terrier.](#)
*A 3-year-old, castrated male, soft-coated Wheaten Terrier was presented...*6th November, 2009
Laboratory of Pathology and Toxicology, Department of Pathobiology,- Vet Clin Pathol. 2009 Nov 3. ([DOI Direct Link](#))
- [Muscle activity during the active straight leg raise \(ASLR\), and the effects of a pelvic belt on the ASLR and on treadmill walking.](#)
*Women with pregnancy-related pelvic girdle pain (PPP), or athletes with...*4th November, 2009
Research Institute MOVE, Faculty of Human Movement Sciences, Vrije- J Biomech. 2009 Oct 31. ([DOI Direct Link](#))
- [\[Chronic spinal subdural hematoma associated with chronic intracranial subdural hematoma: a case report\]](#)
*A 65-year-old woman presented with chronic spinal subdural hematoma (CSSH)...*4th November, 2009
Department of Neurosurgery, Chibanishi-General Hospital, Chiba, Japan.- No Shinkei Geka. 2009 Oct;37(10):1013-7.
- [Catatonia and multiple pressure ulcers: A rare complication in psychiatric setting.](#)
*The incidence of pressure ulcers in patients with psychiatric illness,...*3rd November, 2009
Departments of Psychiatric and Neurological Rehabilitation, National- Indian J Psychiatry. 2009 Jul-Sep;51(3):206-8. ([DOI Direct Link](#))
- [Chordoma of the sacrum and vertebral bodies.](#)
*Chordomas are relatively rare tumors of bone. These primary malignant...*3rd November, 2009
- J Am Acad Orthop Surg. 2009 Nov;17(11):708-17.

- [Lumbosacral degenerative stenosis in the dog.](#)
*Thirty-eight dogs with Hansen type II lumbosacral disc protrusion were...*31st October, 2009
Luc A. Janssens, DVM, Ph.D., Diplomate ECVS, Anubis Veterinary Clinic,- Vet Comp Orthop Traumatol. 2009 Oct 29;22(6). ([DOI Direct Link](#))
- [Ultrasound assessment of the vertebral level of the palpated intercrystal \(Tuffier's\) line.](#)
*PURPOSE: Identification of a particular vertebral level by clinical...*28th October, 2009
Department of Anesthesiology, The Ottawa Hospital, University of Ottawa,- Can J Anaesth. 2009 Oct 27. ([DOI Direct Link](#))
- [MNX1 \(HLXB9\) mutations in Currarino patients.](#)
*PURPOSE: The combination of partial absence of the sacrum, anorectal...*27th October, 2009
Department of Surgery, Li Ka Shing Faculty of Medicine, The University of- J Pediatr Surg. 2009 Oct;44(10):1892-8. ([DOI Direct Link](#))
- [A novel alternative for removal of the AxiaLif \(TranS1\) in the setting of pseudarthrosis of L5-S1.](#)
*BACKGROUND: Minimally invasive spine surgery continues to be a growing...*24th October, 2009
Orthopedic Surgery Service, Department of Surgery, Madigan Army Medical- Spine J. 2009 Nov;9(11):910-5. ([DOI Direct Link](#))
- [Combined anterior and posterior approach for sacral/retroperitoneal hydatid cyst disease: case report.](#)
*Achieving complete resolution of spinal hydatid cyst disease is quite...*23rd October, 2009
Kahramanmaras Sutcu Imam University, Medical Faculty, Neurosurgery- Turk Neurosurg. 2009 Oct;19(4):428-32.
- [Chordoma of the Mobile Spine and Sacrum: A Retrospective Analysis of a Series of Patients Surgically Treated at Two Referral Centers.](#)
*BACKGROUND: Chordoma is a rare tumor, and its natural history is still not...*23rd October, 2009
Department of Cancer Medicine, Istituto Nazionale Tumori, Milan, Italy,- Ann Surg Oncol. 2009 Oct 22. ([DOI Direct Link](#))
- [Microcephaly, sensorineural deafness and Currarino triad with duplication-deletion of distal 7q.](#)
*Currarino syndrome (CS) is a peculiar form of caudal regression syndrome...*20th October, 2009
Unit of Paediatrics, University Hospital "Vittorio Emanuele", Catania,- Eur J Pediatr. 2009 Oct 17. ([DOI Direct Link](#))
- [Trans-iliac-sacral-iliac-bar procedure to treat insufficiency fractures of the sacrum.](#)
*BACKGROUND: Osteoporosis is an increasing problem attributed to the...*20th October, 2009
Department of Traumatology, University Hospital Gasthuisberg, Herestraat- Indian J Orthop. 2009 Jul;43(3):245-52. ([DOI Direct Link](#))
- [Lumbosacral transitional vertebra causing Bertolotti's syndrome: a case report and review of the literature.](#)
*INTRODUCTION: Lumbosacral transitional vertebra is an anatomical variation...*16th October, 2009
Orthopaedic Department, Panagia Hospital Nik. Plastira 22, N. Krini,- Cases J. 2009 Jul 6;2:8320. ([DOI Direct Link](#))

Sacrum Clinical Trials:



- [Brain Effects of Sacral Neuromodulation](#)



Sacrum Patents:

- 7526071- [System and method for patient balance and position analysis](#)
- 7563264- [Spinal stabilization systems and methods](#)
- 7563285- [Artificial intervertebral disc utilizing a ball joint coupling](#)
- 7565198- [Systems and methods for bilateral stimulation of left and right branches of the dorsal genital nerves to treat dysfunctions, such as urinary incontinence](#)
- 7568966- [Garment with built in cushion to comfort spine](#)
- 7569056- [Methods and apparatus for forming shaped axial bores through spinal vertebrae](#)
- 7569584- [4-\(2-methyl-5,6,7,8-tetrahydro-quinolin-7-ylmethyl\)-1,3-dihydro-imidazole-- 2-thione as specific alpha.sub.2b agonist and methods of using the same](#)
- 7569595- [2-\(\(2-thioxo-2,3-dihydro-1H-imidazol-4-yl\)methyl\)-3,4-dihydronaphthalen-1\(- 2H\)-one](#)
- 7578849- [Intervertebral implants and methods of use](#)
- 7582053- [Control of urge incontinence](#)
- 7582106- [Formable orthopedic fixation system with cross linking](#)
- 7556651- [Posterior spinal device and method](#)
- 7553159- [Abdominopelvic region surgical training model](#)
- 7552490- [Method and apparatus for patient loading and unloading](#)
- 7530993- [Method of spinal fixation](#)
- 7534245- [Flexible tap apparatus and method of use](#)
- 7536741- [Method and system for spinal alignment](#)
- 7537143- [Backpack with external frame](#)
- 7537286- [Seat with adjustable support system](#)
- 7544062- [Abdominopelvic region male anatomic model](#)
- 7547247- [Method of determining the quality and quantities of a body of a slaughtered animal](#)
- 7547317- [Methods of performing procedures in the spine](#)
- 7547324- [Spinal mobility preservation apparatus having an expandable membrane](#)
- 7550010- [Spinal arthroplasty device and method](#)
- 7586019- [Adhesive patch](#)
- 7588574- [Kits for enabling axial access and procedures in the spine](#)
- 7604664- [Spinal baseplates with ball joint coupling and a retaining member](#)
- 7607738- [Contoured seat and method](#)
- 7608036- [Methods and apparatus for correction of urinary and gynecological pathologies, including treatment of male incontinence, and female cystocele](#)
- 7608077- [Method and apparatus for spinal distraction and fusion](#)
- 7608704- [Secreted proteins](#)
- 7610093- [Implantable optical pressure sensor for sensing urinary sphincter pressure](#)
- 7611465- [Rapid and accurate detection of bone quality using ultrasound critical angle reflectometry](#)
- 7613516- [Pelvic disorder treatment device](#)
- 7615070- [Electro-stimulation and medical delivery device](#)
- 7615077- [Intervertebral implants with radial teeth and methods of use](#)
- 7604654- [Apparatus and method for dynamic vertebral stabilization](#)
- 7604653- [Spinal curvature correction device](#)
- 7604580- [Exercise device and method](#)
- 7588578- [Surgical measurement systems and methods](#)
- 7588590- [Spinal facet implant with spherical implant apposition surface and bone bed and methods of](#)

[use](#)

- 7591836- [Surgical devices and methods for vertebral shifting utilizing spinal fixation systems](#)
- 7591837- [Facet triangle spinal fixation device and method of use](#)
- 7591856- [Apparatus for total hip replacement for cases of hip ankylosis and severe joint infection](#)
- 7594919- [Artificial disc inserter](#)
- 7597676- [Malleolar pad](#)
- 7597695- [Posterior oblique lumbar arthrodesis](#)
- 7601167- [Apparatus for implantation into bone](#)
- 7601171- [Spinal motion preservation assemblies](#)
- 7617002- [Selection of neurostimulator parameter configurations using decision trees](#)

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