

Sacrum

[View the current Sacrum InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Sacrum.html)

(<http://www.bioportfolio.com/indepth/Sacrum.html>)

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.

Recent Publications on Sacrum:



- [A novel method for the quantitative evaluation of lumbar spinal stenosis.](#)
*STUDY DESIGN: A retrospective study of computed tomography (CT)...*30th August, 2008
Spine Service, Hospital for Special Surgery, Weill Medical College of- HSS J. 2006 Sep;2(2):136-40. ([DOI Direct Link](#))
- [Partially overlapping limited anterior and posterior instrumentation for adult thoracolumbar and lumbar scoliosis: a description of novel spinal instrumentation, "the hybrid technique".](#)
*Progressive and/or painful adult spinal deformity in the thoracolumbar and...*30th August, 2008
Hospital for Special Surgery, 535 East 70th Street, New York, NY, 10021,- HSS J. 2007 Feb;3(1):93-8. ([DOI Direct Link](#))
- [\[Slow-wave fluctuations in craniosacral space: hemo-liquorodynamic conception of origin\]](#)
*In the paper, the mechanism of forming of rhythmic slow-wave fluctuations...*30th August, 2008
- Ross Fiziol Zh Im I M Sechenova. 2008 Apr;94(4):441-7.
- [\[Postpartal atraumatic sacral fracture. A case report and biomechanical comments\]](#)
*OBJECTIVE: A case report describing postpartal nontraumatic sacral...*30th August, 2008
Anatomicky ustav, 2. lekarska fakulta, Univerzita Karlova, Praha.- Ceska Gynekol. 2008 Jun;73(3):192-5.
- [Cranial vault metastasis of giant cell tumor.](#)
*Giant cell tumors are benign bony tumors involving the epiphysis of long...*30th August, 2008
Department of Neurosurgery, Louisiana State University Health Sciences- Ann Diagn Pathol. 2008 Aug;12(4):286-9. ([DOI Direct Link](#))
- [Sacral fusion as an aid in age estimation.](#)
*The degree of fusion at the anterior aspect of the sacral vertebrae has...*19th August, 2008
Unit of Anthropology, Department of Biology, Universidad Autonoma de- Forensic Sci Int. 2008 Aug 14. ([DOI Direct Link](#))
- [Axial sarcoidosis mimicking radiographic sacroiliitis.](#)
*Involvement of the axial skeleton in sarcoidosis is a rare condition....*16th August, 2008
Dokuz Eylul Universitesi Tip Fakultesi Ic Hastaliklari AD, Romatoloji BD,- Rheumatol Int. 2008 Aug 14. (

[DOI Direct Link](#))

- [Correlation of cutaneous lesions with clinical radiological and urodynamic findings in the prognosis of underlying spinal dysraphism disorders.](#)
*Spinal dysraphism is characterized by a lack of fusion of the vertebral...*16th August, 2008
Department of Neurosurgery, VKV American Hospital, Istanbul, Turkey.- *Pediatr Neurosurg.* 2008;44(5):360-70. Epub 2008 Aug 15. ([DOI Direct Link](#))
- [Optimism in women undergoing abdominal sacrocolpopexy for pelvic organ prolapse.](#)
*BACKGROUND: Although studies suggest that optimism can predict health...*16th August, 2008
Department of Wellness, Health Promotion, and Injury Prevention, School of- J Am Coll Surg. 2008 Aug;207(2):240-5. Epub 2008 May 12. ([DOI Direct Link](#))
- [Idiopathic retroperitoneal fibrosis diagnosed by CT-guided needle biopsy: a case report\]](#)
*A 72-year-old man was admitted to another hospital because of general...*14th August, 2008
Department of Urology, Hyogo College of Medicine.- *Hinyokika Kiyu.* 2008 Jul;54(7):497-500.
- [Ultrasound-guided sacroiliac joint injection technique.](#)
*We describe a case report and technique for using a portable ultrasound...*12th August, 2008
Department of Anesthesia and Pain Medicine, Mid-Western Regional Hospital,- *Pain Physician.* 2008 Jul-Aug;11(4):543-7.
- [Comparing the fixation of a novel hollow screw versus a conventional solid screw in human sacra under cyclic loading.](#)
*STUDY DESIGN: The loosening rates of two monocortical pedicle screw...*2nd August, 2008
Department of Mechanical and Materials Engineering, Jack McBain- *Spine.* 2008 Aug 1;33(17):1870-5. ([DOI Direct Link](#))
- [The presacral space and its impact on sacral neuromodulator implantation.](#)
*PURPOSE: We describe the presacral space and its potential impact on...*22nd July, 2008
Oregon Health & Science University, Portland, Oregon 97239, USA.- *J Urol.* 2008 Sep;180(3):988-91. Epub 2008 Jul 17. ([DOI Direct Link](#))
- [Spinal dysraphism and the Currarino triad.](#)
*A female born with a lumbosacral lipomyelomeningocele, an associated...*22nd July, 2008
Department of Neurosurgery, Royal Children's Hospital Brisbane, Brisbane,- *J Clin Neurosci.* 1998 Jul;5(3):339-42.
- [Sacral insufficiency fractures caudal to instrumented posterior lumbosacral arthrodesis.](#)
*STUDY DESIGN: Retrospective review of sacral insufficiency fractures...*17th July, 2008
Department of Orthopaedics, University of California at Davis, Sacramento,- *Spine.* 2008 Jul 15;33(16):1806-11. ([DOI Direct Link](#))

BioNews Results for Sacrum

- [Treating the silent, unresponsive patient](#)
Endocrine Today: Aug 25 2008 2:53PM Matching: sacrum
- [Neighbors work to aid cancer-stricken, blind state trooper, family](#)
Times Express Star: Aug 21 2008 11:27AM Matching: sacrum
- [Nurse battles cancer while caring for others](#)
StarBanner.com: Aug 21 2008 4:05PM Matching: sacrum
- [Management of Pressure Ulcers](#)
Consultant Live: Aug 10 2008 9:00AM Matching: sacrum

Sacrum Clinical Trials:



- [Brain Effects of Sacral Neuromodulation](#)
Urinary Tract Disease

Sacrum Patents:



- 7338525- [Methods and apparatus for preventing the migration of intradiscal devices](#)
- 7363069- [EMG electrode apparatus and positioning system](#)
- 7363240- [Method and system for enhanced medical triage](#)
- 7364589- [Mobile bearing articulating disc](#)
- 7366645- [Method of recognition of human motion, vector sequences and speech](#)
- 7370370- [Pneumatic devices for personal protection and relevant article of clothing including such device](#)
- 7373678- [Seat cushion with adjustable contour and method of adjusting the contour of a seat cushion](#)
- 7374536- [Method for analysis of pain images](#)
- 7377930- [Nerve protecting tube](#)
- 7378492- [CD40-related receptor that binds CD40L](#)
- 7387327- [Structure and system for occupant protection in a side impact automobile collision and methods of use thereof](#)
- 7361196- [Apparatus and method for dynamic vertebral stabilization](#)
- 7359539- [Method for herniated inter-vertebral disc diagnosis based on image analysis of transverse sections](#)
- 7358269- [2-\(\(2-Thioxo-2,3-dihydro-1H-imidazol-4-yl\)methyl\)-3,4-dihydronaphthalen-1\(2-H\)-one](#)
- 7338531- [Textile prosthesis](#)
- 7341590- [Hinged anterior thoracic/lumbar plate](#)
- 7343202- [Method for affecting urinary function with electrode implantation in adipose tissue](#)
- 7344196- [U-shaped seat cushion having thermal transfer unit](#)
- 7344539- [Intervertebral connection system](#)
- 7345065- [Methods and compositions for alleviating pain](#)
- 7345077- [4-\(substituted cycloalkylmethyl\) imidazole-2-thiones, 4-\(substituted cycloalkenylmethyl\) imidazole-2-thiones, 4-\(substituted cycloalkylmethyl\) imidazol-2-ones and 4-\(substituted cycloalkenylmethyl\) imidazol-2-ones and related compounds](#)
- 7347114- [Template](#)
- 7347812- [Prolapse repair](#)
- 7347999- [Methods of treatment of hematopoietic disorders](#)
- 7387339- [Sitting device](#)
- 7387603- [Incontinence treatment device](#)
- 7402177- [Polymeric acetabular cup](#)
- 7402571- [Methods and pharmaceutical compositions for healing wounds](#)

- 7403883- [Three-dimensional in-vitro spinal models and methods of analyzing substance distribution therein](#)
- 7406775- [Implantable orthopedic device component selection instrument and methods](#)
- 7407480- [Method and apparatus for correction of urinary and gynecological pathologies, including treatment of incontinence cystocele](#)
- 7407953- [Wound healing](#)
- 7410460- [System for securing sutures, grafts and soft tissue to bone and periosteum](#)
- 7410477- [Supra pubic catheter](#)
- 7410493- [Method and device for the treatment of anxiety disorders](#)
- 7416746- [Method for cancer therapy using herbal extracts](#)
- 7401413- [Disposable wound measuring device](#)
- 7400930- [Method for treating intervertebral discs](#)
- 7399868- [4-\(Heteroaryl-methyl and substituted heteroaryl-methyl\)-imidazole-2-thiones acting as alpha2 adrenergic agonists](#)
- 7387638- [System and method using the rectal mucosal membrane for inducing hypothermia and warming](#)
- 7392557- [Cushion with group of mutually inflatable and deflatable cells and system for selectively isolating one or more cells from the group for independent inflation and deflation](#)
- 7393320- [Pelvic floor health articles and procedures](#)
- 7393361- [Artificial intervertebral disc having a bored semispherical bearing with a compression locking post and retaining caps](#)
- 7395566- [Method of reinforcing and adjusting a contoured seat cushion](#)
- 7396082- [Task chair](#)
- 7396849- [4-\(Condensed cyclicmethyl\)-imidazole-2-thiones acting as .alpha..sub.2 adrenergic agonists](#)
- 7399306- [Hand-held instruments that access interior body regions](#)
- 7399598- [Diagnosis method of endometriosis by detecting biochemical markers and usage of these biochemical markers](#)
- 7399743- [Targeted thrombosis](#)
- 7417127- [Antibodies specific for CD44v6](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

