

Article

Study of Inter Vertebral Disc of Lumbar Vertebrae in both Males and Females of different ages in South Indian Population

January 2014 · *International Journal of Contemporary Surgery* 2(2):43

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Authors:



**Usmanganishah.k Makandar**

ORCID iD 15.33 · Adichunchanagiri Institute of Medical Sciences



**Jadhav Ashwini**



**R Rajendra**



**Bhagwat Patil**

ORCID iD 6.63 · Institute of Chemical Technology

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Abstract

As back pain is a grave problem in both genders. Owing to the fast growth in the tomographic techniques I.V. disc of lumbar vertebrae is approached through various angles by keeping intact the spinal cord, spinal nerves and its meninges. Hence it has become a technical challenge to neurosurgeon for an adequate exposure for lesion excision, carpectomy vertebral body reconstruction with Cages, re-alignment and/or plating or screwing. Hence attempt is made to study the I.V. disc of lumbar vertebrae morpho-metrically to Contribute surgeons and diagnostic value for clinician, radiologist.

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Caudal Regression Syndrome in a 12-Year-Old Boy Associated with Thecal Sac Ending at Fifth Lumbar Ve...

February 2017 · Indian Journal of Neurosurgery

● Guru Dutta Satyarthee · Ashok Kumar Mahapatra

Caudal regression syndrome is characterized by a spectrum of structural defects of the caudal vertebral region, varying from isolated agenesis or dysgenesis of coccyx to lumbosacral agenesis. It may be associated with congenital anomaly, spinal cord, distal genitourinary tract, and gastrointestinal tract. The authors report late presentation of caudal regression syndrome in a 12-year-old male ... [\[Show full abstract\]](#)

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Article

Neurilemomas of the cauda equina presenting as prolapsed lumbar intervertebral disks

March 1985 · Surgical Neurology

● Touraj Nayernouri

Neurilemomas of the cauda equina can present with a clinical syndrome indistinguishable from an acute prolapsed lumbar intervertebral disk. There is backache and sciatica, occasionally after trauma, and straight leg raising is usually limited with signs of L-5 or S-1 root compression. The only distinguishing clinical characteristic is that the pain is worse on recumbency and relieved by sitting ... [\[Show full abstract\]](#)

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## Article

## Efficacy and Safety of Ethanol Injections in 18 Cases of Vertebral Hemangioma

August 2001 · Spine

● Teresa Bas · Francisco Aparisi · J L Bas

The clinical records and radiographs of 18 patients with vertebral hemangiomas treated with ethanol vertebroplasty were reviewed to evaluate the usefulness of this method. To assess, after a mean 2-year follow-up, the complication rate, results, and patient satisfaction with ethanol injection into vertebral hemangioma. There is controversy about the safety of ethanol injections in the treatment ... [\[Show full abstract\]](#)

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## Article

## Case report: Imaging findings in a "butterfly" vertebra

December 2011 · Acta neurologica Belgica

● Cedric Boulet · ● Ann Schiettecatte · ● Johan De Mey · Michel De Maeseneer

A "butterfly" vertebra is a rare congenital anomaly, presenting as a sagittal cleft in the vertebral body. In the literature it has been described as an isolated finding, but it can also be associated with various syndromes, such as Alagille, Jarcho-Levin, Crouzon and Pfeiffer syndrome. We present a case of a 35-year old man with chronic low back pain. The diagnosis of a butterfly vertebra of S1 ... [\[Show full abstract\]](#)

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## Lumbar Posterior Marginal Node (LPMN) in Adults Report of Fifteen Cases

January 1993 · Spine

J L Leroux · J M Fuentes · Pierre Baixas · [...] · ● Francis Blotman

This report concerns 15 adults (nine men and six women) who experienced lumbar and sciatic pain associated with an unusual defect of the edges of the vertebral bodies together with a small bony ridge protruding into the spinal canal. This lesion was well demonstrated by computed tomography and easily differentiated from the posterior longitudinal ligament or herniated disc calcifications, as well ... [\[Show full abstract\]](#)

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## [Low back pain of dorse-lumbar origin: surgical treatment of postérlor articular capsule excision (a...

March 1978 · La Nouvelle presse médicale

R Maigne · F Le Corre · H Judet

Low back pain may be of dorso-lumbar spinal origin. Pain is transmitted via the posterior branches of the D11, D12, and L1 spinal nerves. The existence in the patient with lumbago of an area of localised pain along the iliac crest, of subcutaneous tenderness or pain in the buttock and of pain over the dorso-lumbar joints is indicative of the diagnosis. Local infiltration at the site of ... [\[Show full abstract\]](#)

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#### Article

Lumbosakrale Fusionen unter Verwendung eines femorokortikalen Allografringes

July 1998 · Zeitschrift für Orthopädie und Unfallchirurgie

Ulf Liljenqvist · J P O'Brien · P Renton · H Halm

Aim of the study: To evaluate the midterm radiographic behaviour of femorocortical allografts (FCA) in lumbosacral fusions in patients with disabling low back pain. Methods: The radiographs of 41 patients with a minimum follow-up of 2 years were analysed by an independent orthopedic radiologist. The fusion rate was determined on lateral tomograms routinely obtained at 3 months intervals. ... [\[Show full abstract\]](#)

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#### Article

Biomechanics of the Lumbar Spine

November 1989 · Annals of Medicine

● Malcolm Pope

The magnitude of low back pain in terms of its occurrence and cost is reviewed. The biomechanics of the lumbar spine are related to the functional anatomy. The disparate functional mechanical requirements of the spine, support, mobility, housing, protection and control are reviewed. Typical forces one applies to the spine in activities of daily living as well as in mechanical overloads are ... [\[Show full abstract\]](#)

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Lumbar vertebral canal stenosis: concept of morphometric and radiometric study of the human lumbar v...

September 2010

Mohammed El-Rakhawy · Abd El-Rahman El-Shahat · Ibrahim Labib · ● Ehab A A El-Shaarawy

Objectives: Vertebral canal stenosis has attracted the attention of anatomists and clinician as an important structural change with significant radiological and clinical implications. Narrowing of all diameters of the vertebral foramen with age could be responsible as a factor which might produce back pain. The aim of the present study was to estimate the averages anatomical changes in the ... [\[Show full abstract\]](#)

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## The Lumbar Lordosis in Acute and Chronic Low-Back Pain

April 1985 · Spine

Tommy Hansson · Stanley J. Bigos · PATRIC BEECHER · Mark D. Wortley

To evaluate a possible relationship between the amount of lumbar lordosis in asymptomatic as well as subjects with acute and chronic low-back pain, the amount of lordosis was determined from spinal roentgenograms of 600 men between 20 and 63 years of age. The angle between a line parallel to the cranial end-plate of L1 and S1 was defined as the lordosis angle. The amount of lordosis was ... [\[Show full abstract\]](#)

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## Low back pain

December 2000 · Radiology

● Michael N Brant-Zawadzki · Steven C. Dennis · George F. Gade · Michael P. Weinstein

The communication between radiologists and their surgical colleagues is particularly important in the setting of back pain. This common disorder often does not have a definable cause, even when the imaging findings are abnormal. A shared understanding of the various causes of back pain, the appropriate terminology, and the needs of the surgeon is vital to proper patient treatment. Unfortunately, ... [\[Show full abstract\]](#)

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## A Sign of Lumbar Disk Herniation Recognizable on Lateral CT Generated Digital Radiograms

January 1985 · Journal of Computer Assisted Tomography

Marc C. Kaiser · P Capesius · J A Veiga-Pires · G Sandt

Computed tomography is a very sensitive and fairly specific imaging mode for diagnosing herniated disks in patients with low back pain and radiculopathy. We describe a new CT sign associated with posterior disk herniation that consists of a bony defect on the lower posterior angle of the proximal vertebral body and endplate shown on CT generated digital radiograms. This finding, by no means ... [\[Show full abstract\]](#)

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