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Gkasdaris G et al. found that no significant width differences for intervertebral foramen was observed at any level for either sex whether measured directly from the body or by CT [18, 19] . This ...

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The lumbar intervertebral foramen includes the adjacent vertebral pedicles superiorly and inferiorly, the postero-inferior margin of the superior vertebral body, the intervertebral disc, and the ...

### Anatomical and radiological study of the thoracic ...

<https://www.sciencedirect.com/science/article/pii/S1467298716304032>

Jul 01, 2012 · The medial boundary was considered the vertebral body, the intervertebral disc and the intervertebral foramen, while the intercostal muscles formed the lateral limit. The endothoracic fasci...

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Author: Diego A Portela, Pablo E Otero, Matias S...

Publish Year: 2012

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Mar 01, 2020 · Target puncture is the key to the success of intervertebral foramen microscopic operation.14,15 In clinical practice, we have experienced that MR technology can achieve target...

Author: Ma-Long Guo, Song-Tao Yue, Jiang-Yi...

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Clinical anatomy and significance of the thoracic **intervertebral foramen**: A cadaveric study and review of the literature October 2016 Journal of Craniovertebral Junction and Spine 7(4):229

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The lumbar **intervertebral foramen** includes the adjacent vertebral pedicles superiorly and inferiorly, the postero-inferior margin of the superior vertebral body, the **intervertebral disc**, and the ...

**(PDF) Measurement of Vertebral Foraminal Dimensions Using ...**<https://www.researchgate.net/publication/14715470...>

The **foramen** is a complex three-dimensional shape with an entry and exit bounded by the medial and lateral borders of the pedicles. Although **anatomical** studies have been performed of the vertebrae ...

**Human osseous intervertebral foramen width | Request PDF**<https://www.researchgate.net/publication/7446266...>

(3)The average width of **intervertebral foramen** was (9.8±1.4) mm (4) From T1 to T12, the height of **intervertebral foramen** increase gradually, the average was (12.1±3.5) mm. Conclusion: The ...

**Nerve root to lumbar disc relationships at the ...**[https://www.researchgate.net/publication/51217357\\_Nerve\\_root\\_to\\_lumbar\\_disc...](https://www.researchgate.net/publication/51217357_Nerve_root_to_lumbar_disc...)

The objective of this study was to analyze relationship of the **intervertebral disc** to the nerve root in the **intervertebral foramen**. Fourteen formalin-fixed cadavers were studied and measurements ...

**Computed Tomography- (CT-) Based Virtual Surgery Planning ...**<https://europepmc.org/article/MED/33747415>

1. Introduction. Lumbar disc herniation (LDH) is a common degenerative disease, mainly manifesting as back and leg pain and sensory abnormalities related to the lower extremities, and its onset has gradually become younger in recent years, affecting the normal life of patients [1–3]. With the continuous progress of medical technology, spinal foraminoplasty has been used in clinical practice ...

**Accuracy and Reliability of Computer-aided Anatomical ...**<https://onlinelibrary.wiley.com/doi/full/10.1111/os.12729>

To assess whether the **computed tomography (CT)-based method of three-dimensional (3D) analysis (Mimics)** was accurate and reliable for spine surgical anatomical measurements. **Methods** A total of 40 lumbar segments and 52 **inter-vertebral discs** from eight adult male cadavers without fractures or deformities fixed with the classical ...

**Computed Tomography- (CT-) Based Virtual Surgery Planning ...**<https://www.hindawi.com/journals/jhe/2021/5521916>

With the development of minimally invasive spine concepts and the introduction of new minimally invasive instruments, minimally invasive spine technology, represented by foraminoscopy, has flourished, and percutaneous foraminoscopy has become one of the most reliable minimally invasive procedures for the treatment of lumbar disc herniation. Percutaneous foraminoscopy is a safe and effective ...

**Computed tomography and myelography of the equine cervical ...**<https://beva.onlinelibrary.wiley.com/doi/10.1111/eve.13350>

Jul 16, 2020 · **Computed tomography examination Anaesthesia**. All horses were admitted to the hospital on the day preceding the CT examination and remained hospitalised for approximately 24 h post-anaesthesia for **observation** of potential adverse reactions. Flunixin meglumine (Flunixin N-vet 1.1 mg/kg bwt i.v.) 1.1 N-vet AB, Uppsala, Sweden.


**Application of radiofrequency thermocoagulation combined ...**<https://journals.lww.com/md-journal/Pages/article...>

Under **computed tomography (CT)-guidance**, radiofrequency puncture need reached the corresponding **intervertebral foramina** to ensure needle point near dorsal root ganglia (DRG) by sensory and motor stimulation tests, and then radiofrequency thermocoagulation was performed on each corresponding DRG followed by injection of 0.5 to 1 mL of adriamycin ...

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**Observation and measurement of applied anatomical features for thoracic intervertebral foramen puncture on computed tomography images**

Wang R *et al.* Applied anatomy for TIVF punctures

Ran Wang, Wei-Wei Sun, Ying Han, Xiao-Xue Fan, Xue-Qin Pan, Shi-Chong Wang, Li-Juan Lu

**Abstract**

**BACKGROUND**

Thoracic intervertebral foramen puncture is the key step for interventional therapy of the thoracic nerve roots or dorsal root ganglia. The anatomical features of the thoracic

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