

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 54108

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Effect and safety of lumbar discoscopy and laminectomy for single-segment lumbar disc herniation

Pang JY *et al.* Lumbar discoscopy and laminectomy for single-segment lumbar disc herniation

Jiu-Ya Pang, Fei Tan, Wei-Wei Chen, Cui-Hua Li, Shu-Ping Dou, Jing-Ran Guo, Li-Ying Zhao

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May 07, 2015 · Despite the rising cost related to this procedure, most of the current literature on **laminectomy** focuses on combined procedures including discectomy and/or arthrodesis.[1,7] In this study, we characterized the efficacy/**safety, clinical**, and surgical outcomes of first-time, bilateral, 1-3 level **lumbar laminectomy** performed for degenerative ...

Cited by: 6 **Author:** Mohamad Bydon, Mohamed Macki, Nichol...
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Clinical and surgical outcomes after lumbar laminectomy ...

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Despite the rising cost related to this procedure, most of the current literature on **laminectomy** focuses on combined procedures including discectomy and/or arthrodesis.[1 7] In this study, we characterized the efficacy/**safety, clinical**, and surgical outcomes of first-time, bilateral, 1-3 level **lumbar laminectomy** performed for degenerative

Two-level percutaneous endoscopic lumbar discectomy for ...

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Jan 06, 2020 · Therefore, the PELD technique has become a popular technique for the treatment of lower **lumbar disc herniation**. Recently, to improve the **clinical** efficacy and reduce the incidence of iatrogenic instability, some scholars have introduced PELD for upper **lumbar disc herniation** and demonstrated the **safety** and effectiveness of this technique[9,10,19].

Author: Xin-Bo Wu, Zi-Hua Li, Yun-Feng Yang, Xi... **Publish Year:** 2020

ISASS Policy Guideline– Surgical Treatment of Lumbar Disc ...

<https://www.isass.org/public-policy/isass-policy-guideline-surgical-treatment-of...>

Lumbar disc herniation is a frequent cause of low back pain and radiculopathy, disability, and diminution in quality of life. While nonsurgical care remains the mainstay of initial **treatment**, symptoms that persist for prolonged periods of time are well-treated with **discectomy surgery**.

Author: Nikki Golden

Surgical discectomy for lumbar disc herniation: Surgical ...

<https://www.researchgate.net/publication/235374680...>

S ciatica caused by **lumbar intervertebral disc herniation** is the most frequent indication for **spinal surgery**, 1 and **lumbar discectomy** has become the most common neurosurgical procedure in the ...

Lumbar Fusion for Degenerative Disease: A Systematic ...

<https://academic.oup.com/neurosurgery/article/80/5/701/3073726>

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Abbreviations

Methods

Results

Discussion

Conclusion

>

ABBREVIATIONS 1. CIconfidence interval 2. LBPlow back pain 3. ORodds ratio 4. RCTrandomized controlled trial 5. RRrelative risk 6. VASvisual analog scale 7. WMDweighted mean differenceSurgical fusion has become one of the most commonly performed procedures for degenerative disease of the lumbar spine.1-3 Over the past decade, the incidence of lumbar fusion for degenerative indications has more than doubled from 7.5 per 100 000 in 2000 to 17.8 per 100 000 in 2009.3,4 Rising rates of fusion h...

[See more on academic.oup.com](#)

Cited by: 22 **Author:** Daniel Yavin, Steven Casha, Samuel Wiebe, ...
Publish Year: 2017 **Published:** Mar 17, 2017

Spinal Surgery: Laminectomy and Fusion - Medical Clinical ...

www.aetna.com/cpb/medical/data/700_799/0743.html

However, they did comment that **lumbar spinal fusion** is not recommended as a routine **treatment** following primary **disc excision** in patients with a **herniated lumbar disc causing** radiculopathy, though it may be of use for patients with herniated discs and evidence of **preoperative lumbar spinal disability** or deformity, for patients with significant chronic axial LBP and radiculopathy due to **disc herniation**, or for patients with recurrent **lumbar disc herniation**.

Clinical Features and Treatments of Upper Lumbar Disc ...

<https://www.researchgate.net/publication/46382172...>

Clinical Features and Treatments of Upper Lumbar Disc Herniations Article (PDF Available) in Journal of Korean Neurosurgical Society 48(2):119-24 · August 2010 with 285 Reads How we measure 'reads'

Comparative Effectiveness of Microdecompression and ...

<https://www.clinicaltrials.gov/ct2/show/NCT02006901>

Comparative Effectiveness of Microdecompression and **Laminectomy** for Central **Lumbar Spinal Stenosis**
The **safety** and scientific validity of this study is the responsibility of ...

Comparative effectiveness and safety of posterior lumbar ...

<https://www.sciencedirect.com/science/article/pii/S0303846718302440>

As the mainstay of **surgical treatments**, **lumbar fusion techniques** play an important role in the **treatment of lumbar degenerative disease**. **Posterior lumbar interbody fusion** (PLIF) is one of the commonly used **lumbar fusion techniques** [2]. Via a direct posterior approach, PLIF allows for a wide **surgical exposure** for **decompression**, fusion and fixation.

Cited by: 3 **Author:** Zhuomao Mo, Dong Li, Renwen Zhang, Min...
Publish Year: 2018

Short-term clinical efficacy of percutaneous ...

<https://josr-online.biomedcentral.com/articles/10.1186/s13018-018-0759-4>

Mar 20, 2018 · However, few studies have described the safety and efficacy of percutaneous transforaminal endoscopic discectomy (PTED) in treating younger patients with LDH. This study aims to evaluate the preliminary surgical outcome and complication of PTED in ...

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Complications in degenerative lumbar disease treated with ...

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Jul 27, 2013 · Of these patients, **single segment lumbar disc herniation** and/or **lumbar spinal stenosis** were shown in 105 cases; double segments were displayed in 26 cases. The affected segments were all located in L3/L4, L4/L5 and L5/S1. Operating time, blood ...

LUMBAR DISC HERNIATION - PubMed Central (PMC)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4799068>

Nov 16, 2015 · **Lumbar disc herniation** is the most common diagnosis among the degenerative abnormalities of the lumbar spine (affecting 2 to 3% of the population), and is the principal cause of **spinal surgery** among the adult population. The typical clinical picture includes initial lumbalgia, followed by progressive sciatica.

Cited by: 8

Author: Luis Roberto Vialle, Emiliano Neves Viall...

Publish Year: 2010

Evaluation of Transforaminal Endoscopic Discectomy in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4962756>

Background. **Lumbar disc herniation** (LDH) is a common ailment that produces medical and economic burdens for families and society [1,2]. When expectant treatment fails, surgical treatment is often required, which includes open surgery and minimally invasive surgery [3,4]. The large incision and extensive peeling off of soft tissue in traditional open surgery often leads to great trauma, much ...

Cited by: 3

Author: Ya-peng Wang, Wei Zhang, Ji-long An, Ji...

Publish Year: 2016

Surgical treatment of thoracic disc herniations using a ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3977371>

Ideal surgical treatment for **thoracic disc herniation** (TDH) is controversial due to variations in patient presentation, pathology, and possible surgical approach. **Although discectomy** may lead to improvements in neurologic function, it can be complicated by approach related morbidity.

Transforaminal endoscopic surgery for symptomatic lumbar ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2899820>

Sep 15, 2009 · **Laminectomy** and **microdiscectomy** are open procedures using a posterior approach.



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[LUMBAR DISC HERNIATION - PubMed Central \(PMC\)](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4799068>

Nov 16, 2015 · **Lumbar disc herniation** is the most common **diagnosis** among the degenerative abnormalities of the **lumbar spine** (affecting 2 to 3% of the population), and is the principal cause of **spinal surgery** among the adult population. The typical clinical picture includes initial **lumbalgia**, followed by progressive **sciatica**.

Cited by: 8**Author:** Luis Roberto Vialle, Emiliano Neves Viall...**Publish Year:** 2010

[Indications for Lumbar Total Disc Replacement: Selecting ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4325514>

Dec 01, 2014 · Indications for **Lumbar Fusion**. **Lumbar** fusion is used to treat pain attributed to abnormal motion or mechanical insufficiency produced by degenerative change. 3 Often compressed nerves are released simultaneously to reduce **back** and leg pain. In the last 40 years, indications for fusion have remained largely constant.

Cited by: 15**Author:** Karin Büttner-Janz, Richard D. Guyer, Do...**Publish Year:** 2014

[Comparison of the Effect of Lumbar Traction, Spinal ...](#)

<https://clinicaltrials.gov/ct2/show/NCT03118271> ▾

Apr 18, 2017 · **Treatment** with **lumbar traction** is via an OPD base. It comprised a 20 min. **treatment session** over a period of 2 months. If the **symptoms** subside before the end of 2 months' **treatment**, **lumbar traction** will be discontinued, and the **treatment** duration and number of **treatment session** will be recorded. The frequency of **treatment** is 3 times per week.

[Safety of Spinal Manipulation in the Treatment of Lumbar ...](#)

<https://www.sciencedirect.com/science/article/pii/S0161475403002458>

Introduction. The lifetime prevalence of symptomatic herniated disks is estimated at 1% to 3%, 1., 2. although anatomic evidence of disk **herniation** is said to be found in 20% to 40% of imaging tests among asymptomatic persons. 3., 4. Most clinically relevant herniations occur between the ages of 30 and 50 but ...
/global.bing.com/?scope=web&FORM=HDRSC1 cents and older people. 5 Two percent to 5% of patients ...