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Retrospective Study

Retroperitoneal *vs* transperitoneal laparoscopic lithotripsy of 20-40 mm renal stones within horseshoe kidneys

Chen X *et al.* Retroperitoneal *vs* transperitoneal laparoscopic lithotripsy

Xin Chen, Yi Wang, Liang Gao, Jin Song, Jin-You Wang, Deng-Dian Wang, Jia-Xing Ma, Zhi-Qiang Zhang, Liang-Kuan Bi, Dong-Dong Xie, De-Xin Yu

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Laparoscopic pyelolithotomy in a horseshoe kidney

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4548363>

Laparoscopic management of **stone** disease in a patient with a **horseshoe kidney** was firstly performed by Maheshwari et al in 2004. Though for **renal stones** measuring 2 cm or greater, PNL is a proper treatment alternative, in anomalous **kidneys** it can lead to serious complications.

Cited by: 4

Author: Erkan Ölçücüoğlu, Ahmet Çamtosun, Sait...

Publish Year: 2014

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The role of laparoscopic surgery for renal calculi management

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3126085>

These were three of **renal** calculi including one in **horseshoe kidney**, one for a pelvic **kidney** and one for a large **renal**-pelvic calculus. The mean size of **stone** was 2280 mm² (range 540–8200 mm²). All cases were completed with laparoscopy.

Cited by: 11

Author: Kittinut Kijvikai

Publish Year: 2011

(PDF) Laparoscopic ureterolithotomy; which is better ...

<https://www.researchgate.net/publication/283256988...>



Retroperitoneal vs transperitoneal laparoscopic lithotripsy of 20-4



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Laparoscopic pyelolithotomy: Is the retroperitoneal route ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/j.1442-2042.2008.02210.x>

Objectives: To compare the outcome of **laparoscopic** pyelolithotomy (LP) using the **transperitoneal** and the **retroperitoneal** routes. Methods: Demographics, intraoperative and postoperative clinical p...

Cited by: 14**Author:** Adel Al-Hunayan, Hamdy Abdulhalim, E...**Publish Year:** 2009

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Laparoscopic pyelolithotomy: An emerging tool for complex ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4561920>

Nov 26, 2014 · **PNL** is considered the standard for **renal stones** of >2 cm , but some studies report the usefulness of LP in achieving SFRs of 88.9–100% for **solitary renal pelvic stones** in one session, especially when PNL is associated with multiple tracts and several sessions .

Cited by: 6**Author:** Himesh Ramesh Gandhi, Appu Thomas,...**Publish Year:** 2015

Stones in anomalous kidneys: Results of treatment by shock ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/j.1442-2042.2004.00916.x>

Oct 12, 2004 · The final case was a 14-year-old boy with a **horseshoe kidney** and a 10 × 11 mm right pelvic **renal stone** and was **stone** free after one session. The mean shock wave number and intensity received by the patients was 3770 ± 380.3 (range, 1380–4100) shocks and 18.4 ± 0.7



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Laparoscopic pyelolithotomy in a horseshoe kidney

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Comparative study of laparoscopic pyelolithotomy versus ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3612403>

Recently, successful **laparoscopic** management of **renal stones** has been described; however, the indications have not yet been defined and outcomes have not been compared with established techniques, such as PNL. 17, 18. In the current study, LPL was evaluated as a surgical monotherapy to manage **renal pelvic stones** and compared with PNL.

Cited by: 12**Author:** Yasser M. Haggag, Gamal A. Morsy, Mag...**Publish Year:** 2013

Retroperitoneal laparoscopic ureterolithotomy in ...

<https://www.researchgate.net/publication/274263162...>

Retroperitoneal laparoscopic ureterolithotomy in comparison with ureteroscopic **lithotripsy** in the management of impacted upper ureteral **stones** larger than 12 mm

(PDF) Retroperitoneal laparoscopic technique in treatment ...

<https://www.researchgate.net/publication/260089686...>

The **retroperitoneal laparoscopic** procedures for treatment of complex **renal stones** were completely successful in 73 cases, while 2 cases converted to open surgery. The operative time was 85-180 min.