Is There A Role For Robotic Surgery In Stone Management?

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Case #1

- 45 year old gentleman
- Abdominal pain
Right Pelvic Kidney
Case #2

- 38 yr old lady
- Recurrent UTIs at childhood, VUR r/o
- 2000: SWL
- 2004: 2 admissions for L pyelonephritis
- 2005: failed SWL ; 2006: L PCNL
- Lost to f/u by 2015
- 2015: L flank pain, recurrent UTIs
Lower Calyceal Stones – Left Kidney
Retroperitoneal Exposure
Is There A Role For Robotic Surgery In Stone Management?
Certainly !
Why YES?

- The ultimate solution for cases where previous methods have failed
- Meticulous suturing of renal tissue
- Readily overcomes anatomic obstacles (i.e.: bowel loops, ectopic kidneys, parenchymal lacks)
- Not associated with major complications or prolonged stay compared with other methods
- Easier to perform compared with open approach or pure laparoscopy