

effective
alternative
for flexible
ureteroscopy,
with
respiratory
motion
enhancing
stone dusting.

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1. Dubai health

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Study Aims & Methods

Aims: Evaluate the safety, efficacy, and outcomes of flexible ureteroscopy (fURS) under spinal anesthesia (SA).

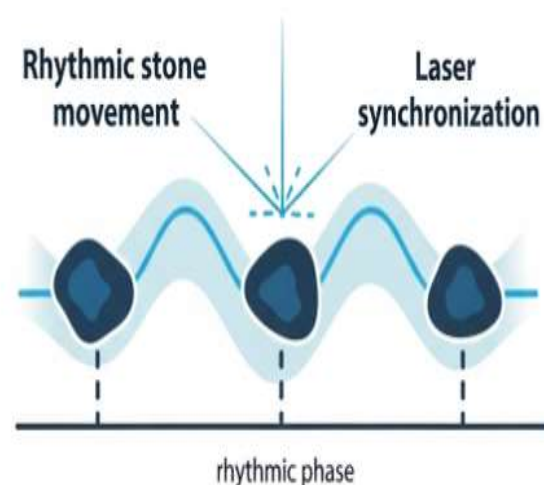
Patients: 70 patients.

Focus: Assess patient tolerance, operative time, stone-free rate, and the impact of respiration on stone movement and laser dusting efficiency.

Conclusion

Spinal anesthesia in FURS is a safe, effective, and well-tolerated procedure. The respiratory-induced stone movement offers an unexpected advantage for precise laser dusting.

This technique is a viable



Stone-Free Rate



Operative Time

+/- 8,6 minutes
51,2 minutes

COMPLICATIONS

10% MINOR
COMPLICATIONS
(Clavien-Dindo Grade I-II)



NO MAJOR
COMPLICATIONS

