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RIRS: Stone disintegration strategies

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Treatment of renal stones resilient to ESWL poses a challenge usually met with PCNL. Recent years the availability and reliability of flexible ureteroscopes made RIRS a better deal such patients.

Retrograde access into the collective system and then intra renal navigation are presented in this video. Instrument handling and stone disintegration strategies such as painting or dusting, post stump approach, multiple hole drilling, pop corn approach are also proposed and displayed.

Stones over 2cm or ever bilateral stones can be safely treated with this approach.

In conclusion Retrograde Intra Renal Surgery (RIRS) offers an attractive alternative to Percutaneous procedures as it is essentially less traumatic while achieving a comparable result.

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