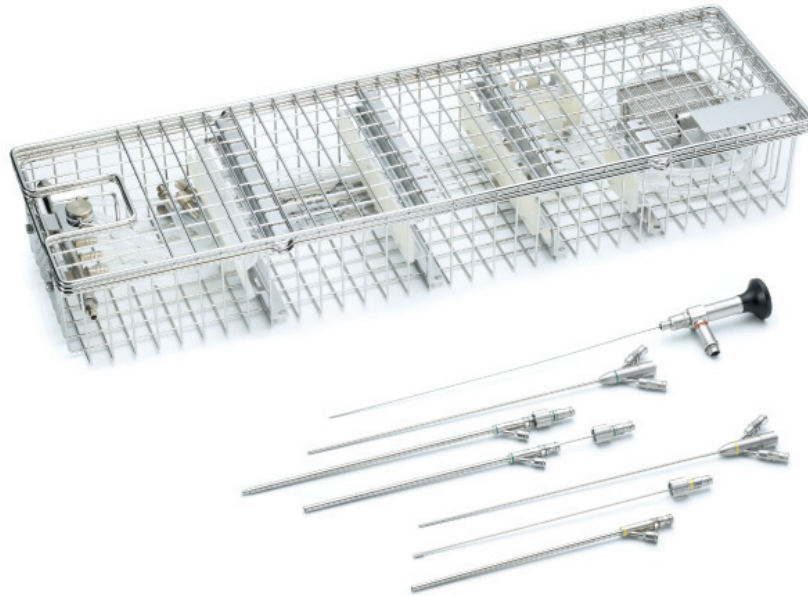


# UMP-Set for Ultra-Mini PCNL by Dr. Janak Desai



UMP is an operation technique developed by Dr. Janak Desai. When conventional therapies reach their limits, UMP expands the treatment range for percutaneous removal of kidney stones. By using an even smaller nephroscope, the UMP technique can remove inaccessible stones, located in the complex system of the lower renal calices. The Ultra-Mini Nephroscope will be inserted through a minor incision in the skin. A laser can be used to fragment the kidney stone and remove the stone material – a technique that is very gentle for the patient due to its extremely small diameter.

- High stone-free rate
  - Low pressure suction for a high stone-free rate
  - An integrated irrigation sheath with high flow guarantees high stone-free rate
- Gentle and atraumatic intervention
  - Small puncture and minimal dilation of the tissue, due to ultra-mini size
- State-of-the art
  - Specially designed access sheath with water jet channel for creating turbulence of fragments and high-pressure
  - Lightweight construction
- Exceptional image quality
  - Excellent image quality and outstanding color reproduction

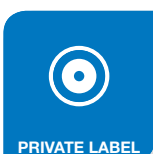
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# UMP-Set for Ultra-Mini PCNL

by Dr. Janak Desai



## TECHNICAL DATA

DESCRIPTION	ITEM NUMBER
Ultra-Mini Nephroscope Set	41.0665a

Scope of delivery: Ultra-mini nephroscope, two inner sheaths and three water jet sheaths with obturators (as mentioned below), UMP cleaning basket, optic wash pipe and cleaning brush set.

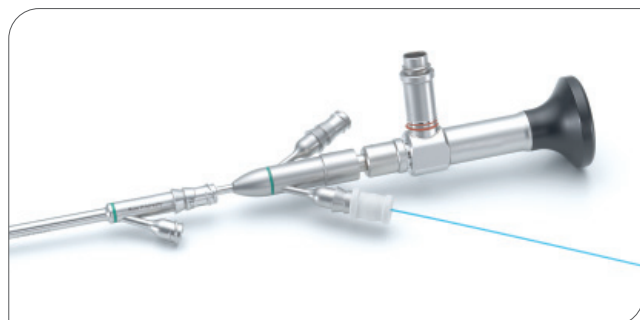
THESE ITEMS CAN BE RE-ORDERED SEPARATELY	
Endoscope	Ultra-Mini Nephroscope 3.0 Fr.
Inner sheath	Inner sheath with ø 6.0 Fr., 220 mm working length Inner sheath with ø 7.5 Fr., 220 mm working length
Sheath with obturator	Water jet sheath and obturator with ø 11.0 Fr., 150 mm working length Water jet sheath and obturator with ø 13.0 Fr., 150 mm working length Water jet sheath and obturator with ø 13.0 Fr., 180 mm working length

## ACCESSORIES

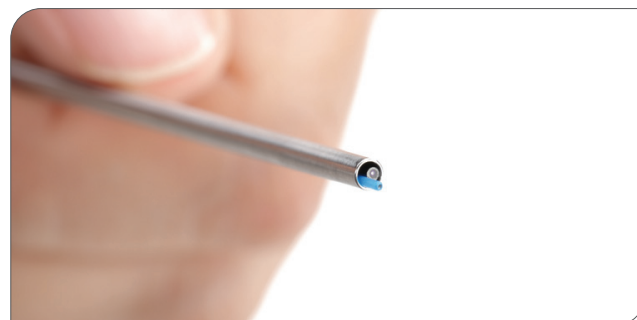
DESCRIPTION	ITEM NUMBER
Sealing cap for laser channel	41.0678a
Optic wash pipe	41.0666a
Cleaning brush set for inner /outer sheath and water jet channel	41.0677a
UMP Cleaning basket	41.0676a

## DETAILS

- Autoclavable



Set for ultra-mini PCNL (UMP)



13.0 Fr. outer diameter

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MEDICAL ENDOSCOPY  
MPA308-000-01-ME  
Version: 0  
2018-Feb-06