

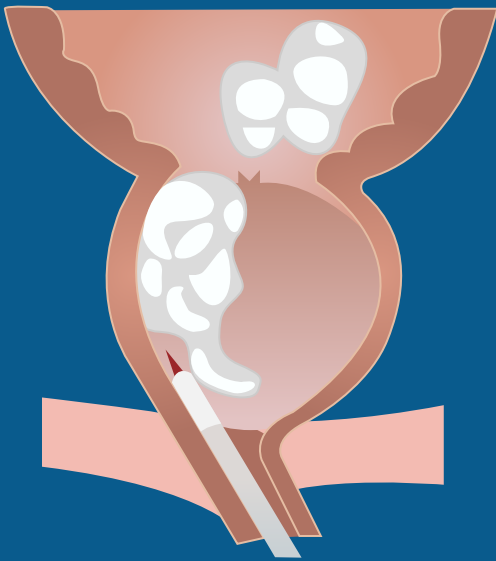


HOLMIUM LASER ENUCLEATION PROSTAT (HoLEP)



HoLEP vs. TURP

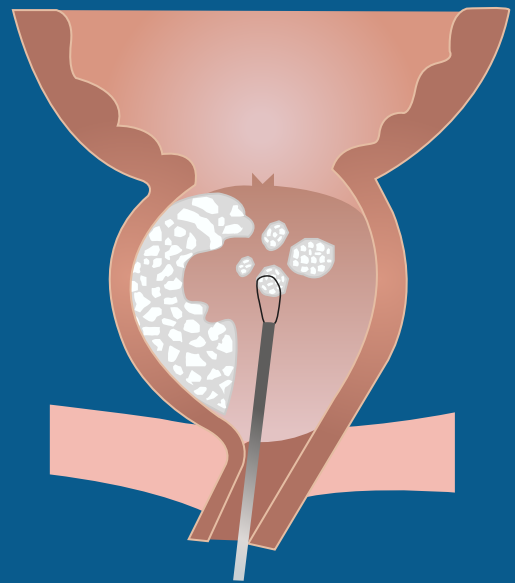
HoLEP



HoLEP uses a laser to remove the benign enlarged parts of the prostate anatomically and completely.

- **En-bloc enucleation** ✓
- **Less risk of bleeding** ✓
- **Regardless of prostate size** ✓
- **Catheter removal after 2 days** ✓
- **Hospitalization up to 3 days** ✓

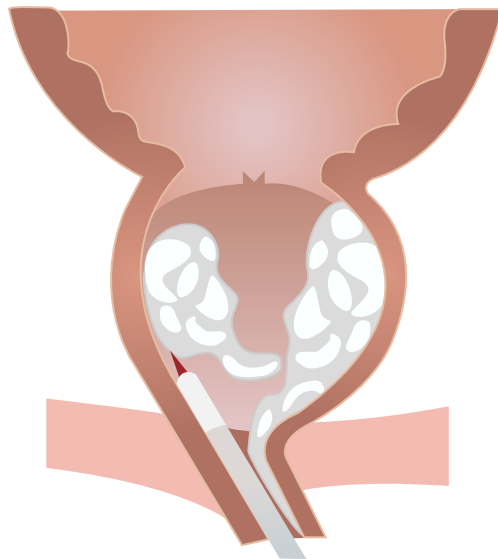
TUR-P



During TURP, an endoscope is inserted into the urethra and the enlarged prostate tissue is removed using a resection loop under alternating current.

- **Higher risk of bleeding**
- **Risk of TUR-syndrome**
- **Limited to prostate sizes of 80-100g**
- **Hospitalization up to 7 days**

1. LASER ENUCLEATION HoLEP SURGERY



During HoLEP, a special laser resectoscope is used to separate the adenoma from the prostate capsule.

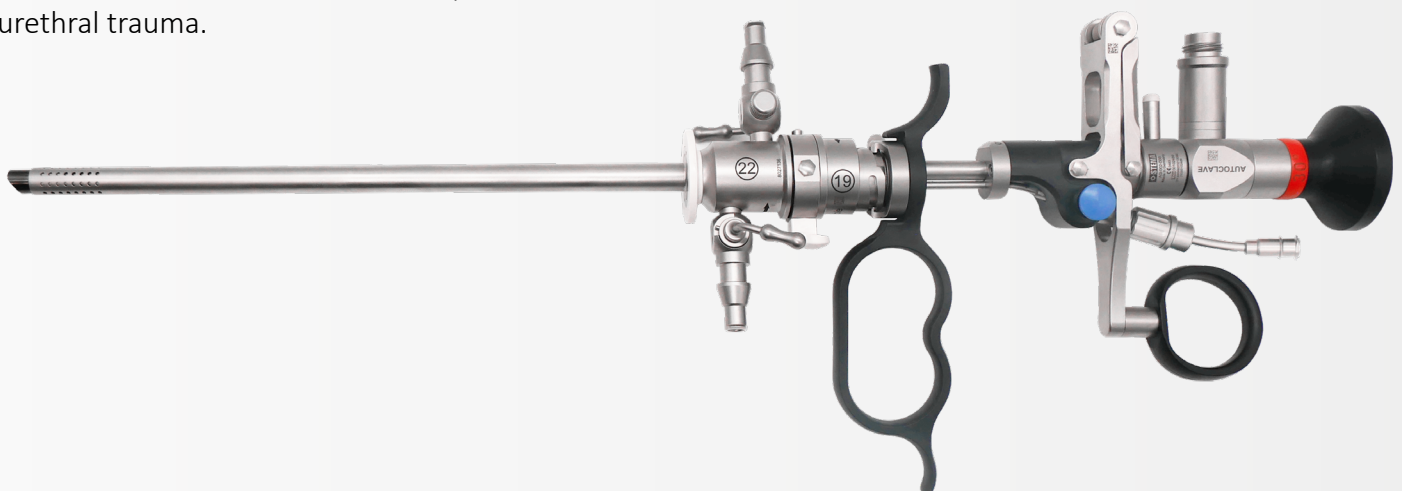
18.5 FR.

22 FR.

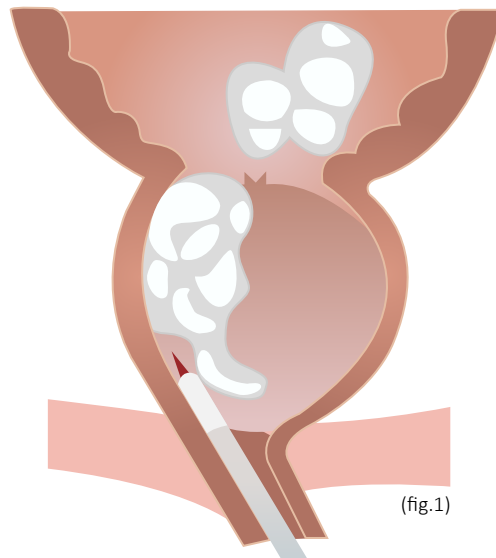
26 FR.

LASER ENUCLEATION WITH ENDOSCOPE

All STEMA laser resectoscopes consist of an outer and inner shaft, where only the inner shaft rotates when the device needs to be turned. This minimizes possible urethral trauma.



2. TISSUE MORCELLATION HoLEP SURGERY

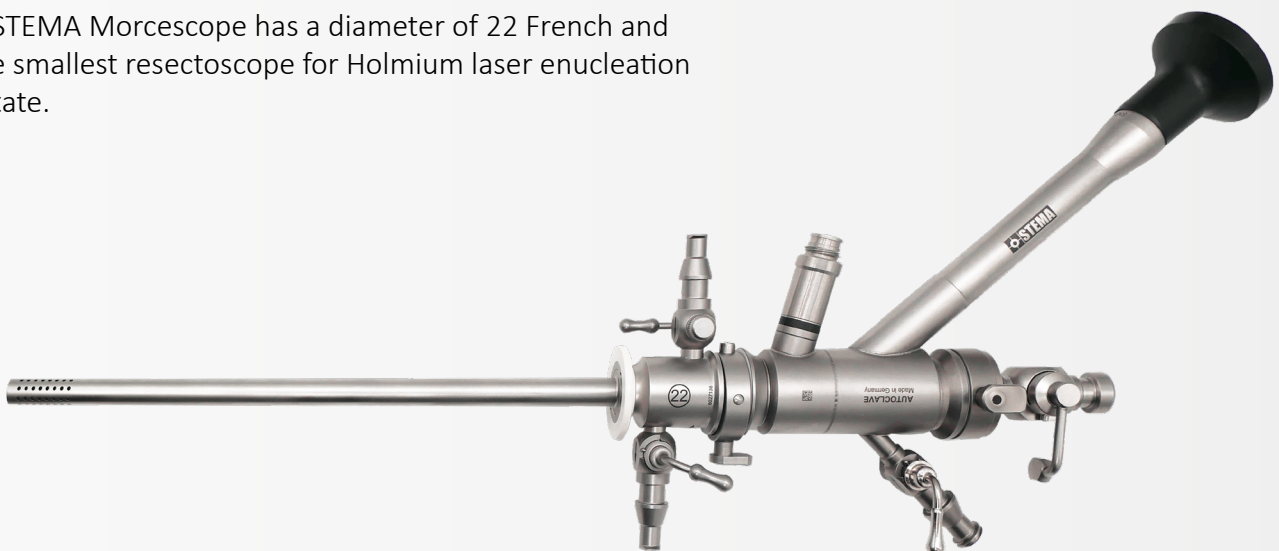


After laser enucleation, the prostate adenoma is morcellated and transported in the bladder (fig.1)

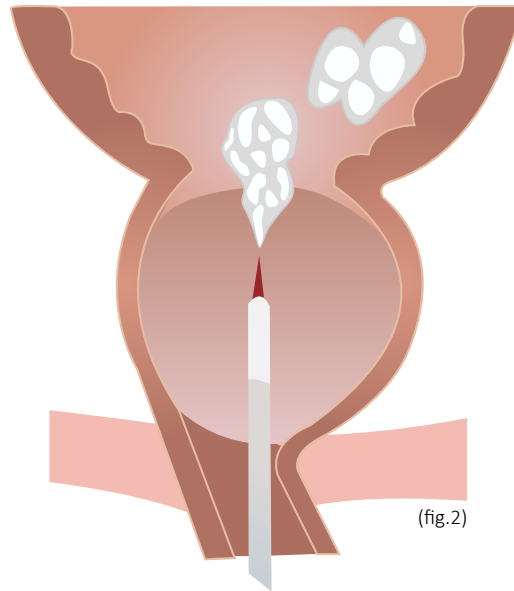
22 FR.

TISSUE MORCELLATION WITH MORCESCOPE

The STEMA Morcescope has a diameter of 22 French and is the smallest resectoscope for Holmium laser enucleation prostate.



2. TISSUE MORCELLATION HoLEP SURGERY

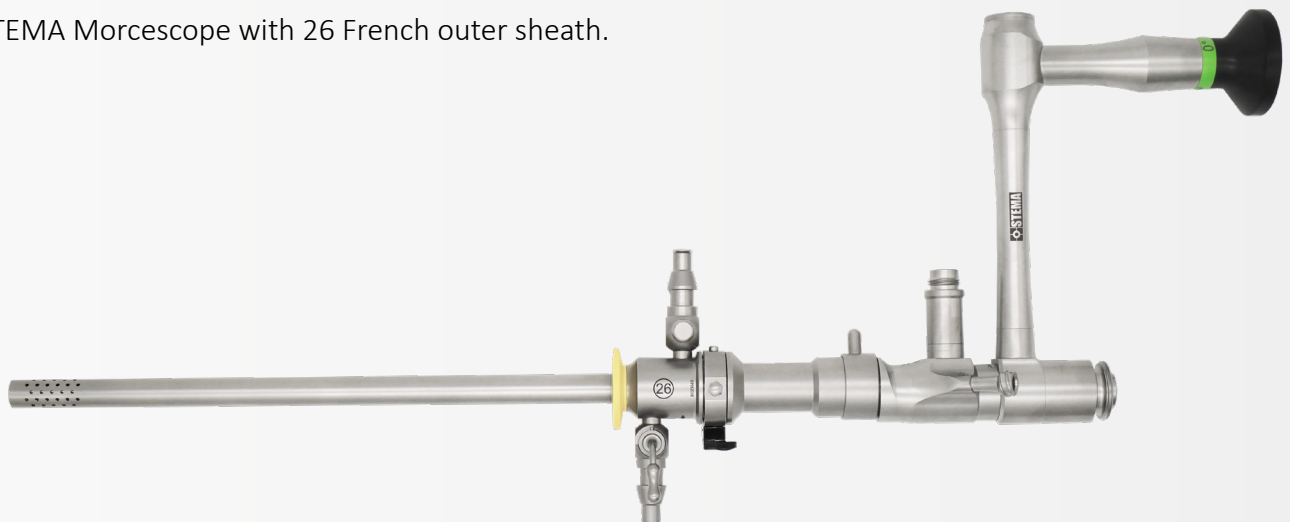


And suctioned out of the bladder (fig.2)

26 FR.

TISSUE MORCELLATION WITH MORCESCOPE

The STEMA Morcescope with 26 French outer sheath.



3. LASER ENUCLEATION SET | 18.5 FR.

HD CYSTOSCOPE

Ø 2.9mm, autoclavable, 302mm WL

- 1 30° viewing angle
- 2 12° viewing angle

WORKING ELEMENT

Titanium, passive cutting, handle closed, 17.5 Fr., probe channel 0.8mm

OUTER SHEATH

with perforation, rotatable, 18.5 Fr.

INNER SHEATH

with ceramic isolation, rotatable, 17.5 Fr.

OBTURATOR

Standard, 17.5 Fr.

VIEWING OBTURATOR

17.5 Fr. with 5 Fr. instrument channel

MORCSCOPE

22 Fr., WL 180mm, 85° field of view, 40.000 px, 0° direction of view

OUTER SHEATH

with perforation, rotatable, 22 Fr.

ADAPTER FOR LASER PROBES

TUOHY-BORST ADAPTER

SEALING CAP FOR MORCSCOPE



1 AA-003-012

2 AA-003-014



3 AG-002-016



4 AH-002-213



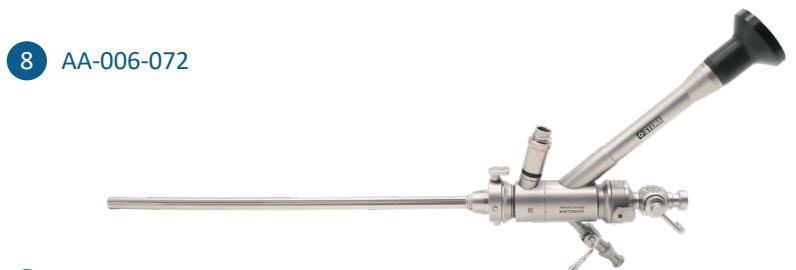
5 AH-002-211



6 AH-002-015



7 AH-002-016



8 AA-006-072



9 AH-002-302

10 AG-100-006

11 AG-100-007

12 AA-006-084

2. LASER ENUCLEATION SET | 22 FR.

HD CYSTOSCOPE

Ø 2.9mm, autoclavable, 302mm WL

- 1 30° viewing angle
- 2 12° viewing angle

WORKING ELEMENT

Titanium, passive cutting, handle closed, 19/22 Fr.

- 3 probe channel 0.8mm
- 4 probe channel 1.2mm

5 OUTER SHEATH

with perforation, rotatable, 22 Fr.

6 INNER SHEATH

with ceramic isolation, rotatable

7 OBTURATOR

Standard, 19 Fr.

8 VIEWING OBTURATOR

19 Fr.

9 MORCESCOPE

22 Fr., WL 180mm, 85° field of view,
40.000 px, 0° direction of view

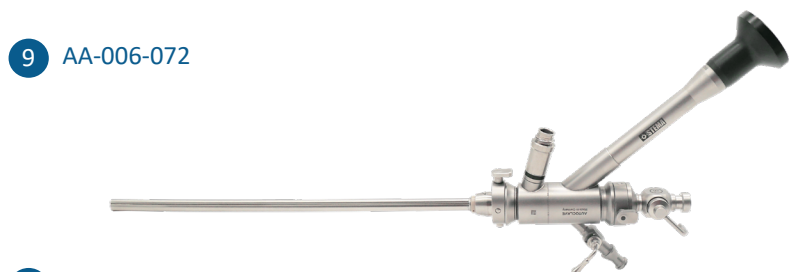
10 OUTER SHEATH

with perforation, rotatable, 22 Fr.

11 ADAPTER FOR LASER PROBES

12 TUOHY-BORST ADAPTER

13 SEALING CAP FOR MORCESCOPE



1. LASER ENUCLEATION SET | 26 FR.

HD CYSTOSCOPE

Ø 4.0mm, autoclavable, 302mm WL

- 1 12° viewing angle
- 2 30° viewing angle

WORKING ELEMENT

Titanium, passive cutting, handle closed, 24/26 Fr.

- 3 probe channel 0.8mm
- 4 probe channel 1.2mm

5 OUTER SHEATH

with perforation, rotatable, 26 Fr.

6 INNER SHEATH

with ceramic isolation, rotatable, 26 Fr.

7 INNER SHEATH

without ceramic isolation, laser channel up to 7 Fr.

8 OBTURATOR

Standard, 24 Fr.

9 NEPHROSCOPE/MORCSCOPE

WL 250mm, 0° viewing angle, 90° angled ocular, Ø 7.45mm, suction channel Ø 1.5mm

10 ADAPTER

For use with Nephroscope, STEMA Click-System

11 OUTER SHEATH

with perforation, rotatable, 26 Fr.

12 ADAPTER FOR LASER PROBES

13 TUOHY-BORST ADAPTER

14 SEALING CAP FOR MORCSCOPE



WE COVER THE FOLLOWING AREAS IN SURGERY WITH HIGH QUALITY PRODUCTS

ARTHROSCOPY

BRONCHOSCOPY

GASTROENTEROLOGY

GYNAECOLOGY

ENDOSCOPY

ENT

LAMINECTOMY

LAPAROSCOPY

MICROMOTOR SYSTEM

OMS

PROCTOSCOPY

THORACOSCOPY

UROLOGY

SPINE

CONTAINER SYSTEMS

STERILIZATION



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