

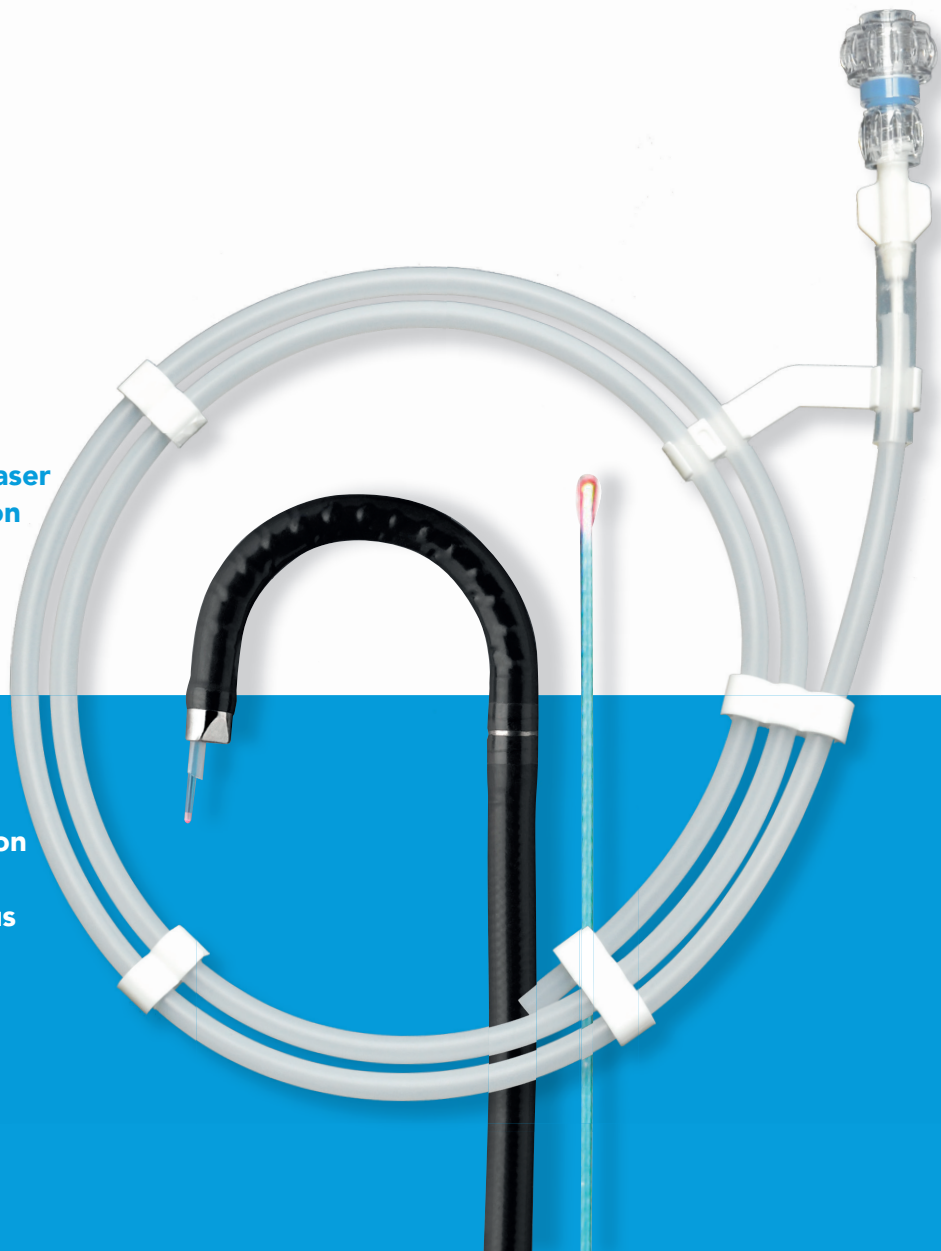
# FlexGuard

The Solution for a conflict

**Disposable laser  
fibre insertion  
sheath**

**Protection  
for flexible  
URS against  
damage  
caused by  
laser fibres**

**Fibre insertion  
with the  
stone in focus**



## FlexGuard

- protects flexible ureterorenoscopes against damage by laser fibres
- flexible ureterorenoscopes remain deflected during insertion of the laser fibre
- keeps the stone in focus
- saves costs and time

### The fact

For the therapy of stones in lower calices of the kidney the unrestricted mobility of the flexible instrument is required.

The mobility of flexible ureterorenoscopes is impaired by laser fibres due to their stiffness and friction inside the working channel.

Loading of a deflected ureterorenoscope with an unprotected laser fibre results in severe and costly damage of the instrument's working channel.

### The past

The conflict between mobility of flexible ureterorenoscopes and laser fibres required a 2 step procedure: Localisation and identification of a stone in a lower calyx was performed in a first step with an "empty" working channel.

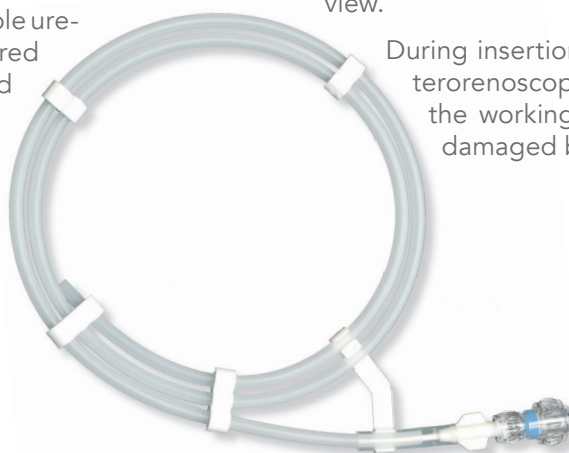
Following the decision for laser fragmentation the flexible ureterorenoscope needed to be straightened again and the laser fibre was forwarded.

### Now

With the decision for laser therapy the laser fibre is inserted into the **FlexGuard** insertion sheath outside of the ureterorenoscope.

Then **FlexGuard** and laser fibre is inserted into the deflected URS while keeping the stone in focus and forwarded until the tip appears in the endoscopic view.

During insertion into the flexible ureterorenoscope FlexGuard protects the working channel from being damaged by the laser fibre.



### IMPORTANT NOTICE:

The information provided is a general overview of potential clinical applications of the described products. National health care regulations vary between countries and may exclude certain clinical applications at your location. The user assumes responsibility to be updated about national deviations from the applications listed above.

\* In the USA the products are not intended for use in clinical applications in neurosurgery.

U.S. federal law restricts these devices to sale by or on the order of a physician

Specifications are subject to change without notice.  
Made in Germany 2019 - 02  
Brochure Order no. 036 009 070

### ORDER INFORMATION

#### FlexGuard

101 503 631

laser fibre insertion sheath, sterile on delivery, for single use, outer diameter 0.9 mm for 3.6 F working channels, length 1000 mm; clearance 0.6 mm matching with LithoFib/LithoFib-SU, SureFib/SureFib-SU and FlexiFib/FlexiFib-SU;

DE 10 2005 017 204, U.S. Patent No. 7,775,969.



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