

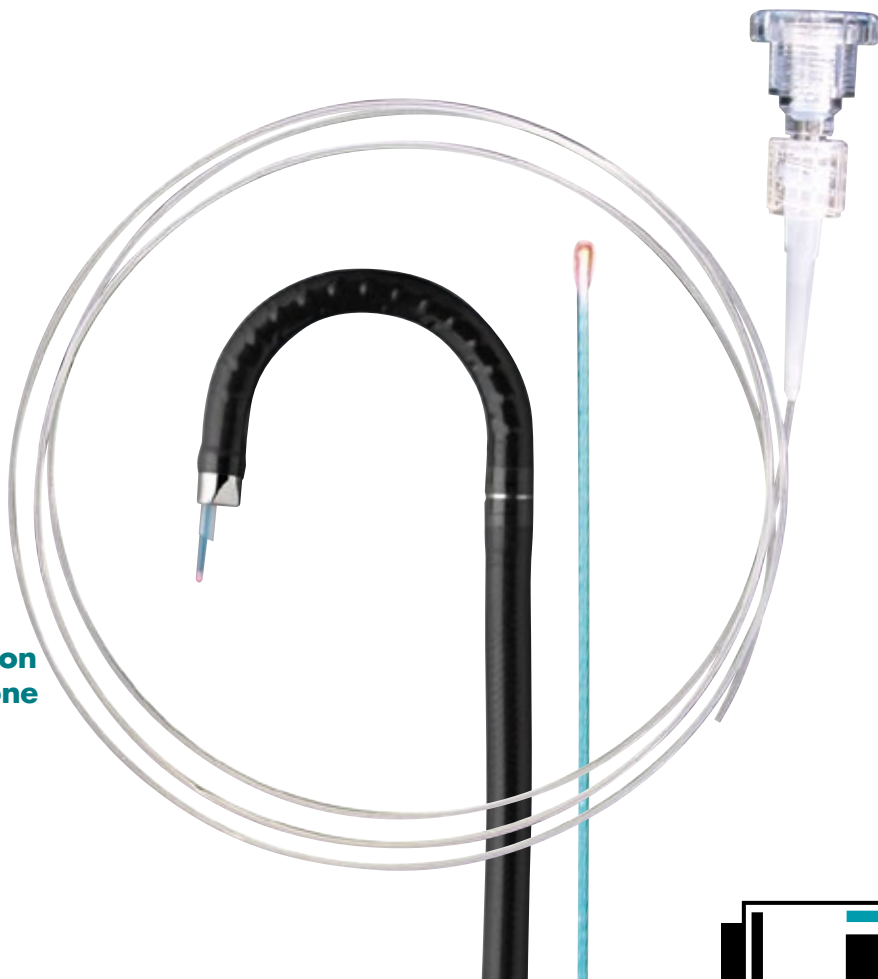
FlexGuard

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**



COMPETENCE IN SURGICAL LASER SINCE 1989
LASER TECHNOLOGY - MADE IN GERMANY
WWW.LISALASER.DE



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.

Order information

FlexGuard 101 503 263
laser fibre insertion sheath, sterile on delivery, for single use, outer diameter 0.9 mm for 3.6 F working channels, clearance 0.6 mm matching with FlexiFib/ FlexiFib-SU and LithoFib, length 1000 mm, © DE 10 2005 017 204, U.S. Patent No. 7,775,969

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.

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.



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

Specifications are subject to change without notice.

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