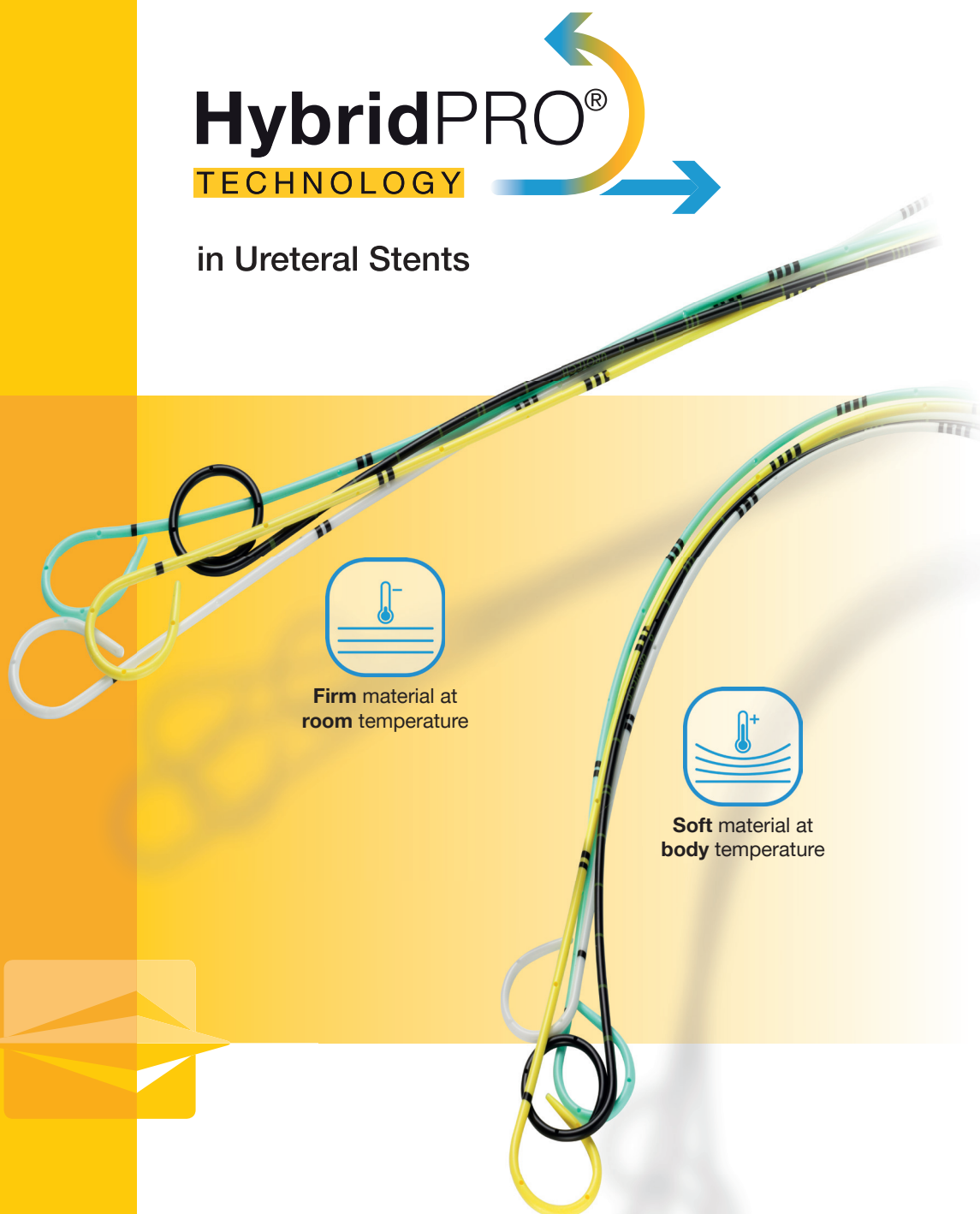


HybridPRO[®]

TECHNOLOGY

in Ureteral Stents



Firm material at
room temperature



Soft material at
body temperature

*Your partner for your
endourology needs*

- ✓ Enables the **fulfillment of requirements** in different phases of the application
- ✓ **Stability** during the positioning – **softness** during the indwelling time
- ✓ Up to **50% softer** after 60 minutes at body temperature¹

Ureteral Stents and their Impact on Quality of Life



WHITE-STAR



GREEN-STAR

Since many years **ureteral stents have become an integral tool** in treating or preventing ureteral obstructions from calculi and other causes.

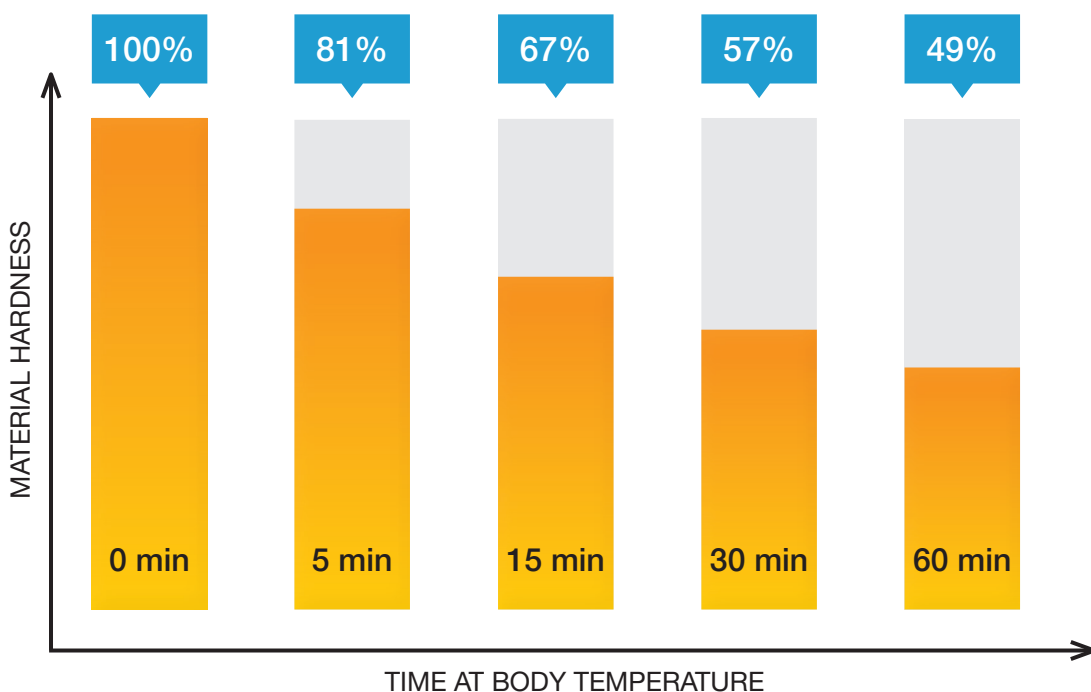
Despite the many benefits offered by ureteral stents in this regard, they are often associated with irritating lower urinary tract symptoms, bladder, and flank or abdominal pain, which might have a negative effect on patients' **quality of life**².

Ureteral stent discomfort can vary from one patient to another in an idiosyncratic manner, but is believed to affect over **80% of patients**^{3,4}

Since our greatest goal is to provide the user and also the patient with the best possible experience with our products, UROTECH's ureteral stents are manufactured with high-quality materials that offer the so-called **HybridPRO® Technology**.

OUR MISSION: Reduce stent-related symptoms simply by design

- UROTECH ureteral stents with **HybridPRO® Technology**
- Stability** during the positioning – **softness** during the indwelling time
- Up to **50% softer** after 60 minutes at body temperature¹



The HybridPRO® Technology



YELLOW-STAR



MAGNETIC BLACK-STAR®

The special material used with **HybridPRO® Technology** for UROTECH ureteral stents meets the requirements from different phases of the application.

The special partial formation of the molecular chains in the material at room temperature (so-called crystallites) ensures a **firm texture** and, thus, a **simplified positioning** of the ureteral stents due to an improved linear and axial force transmission.

During indwelling time, this formation of the molecular chains is equalized at body temperature, thus, ensuring a **soft and flexible** material in the urinary tract.



Firm material at room temperature



Soft material at body temperature



Would you like to learn more about our ureteral stent portfolio? We will be happy to inform you:

For this purpose, please contact the customer service of UROTECH GmbH at the address given on the back. >>>



UROTECH GmbH

Medi-Globe-Str. 1-5
D-83101 Rohrdorf OT Achenmühle
Telefon: +49 (0) 8032 - 973-210
Fax: +49 (0) 8032 - 973-211
E-Mail: info@urotech.com
www.urovision-urotech.de

1. Test report (7 FR White-Star). Medi-Globe Technologies GmbH. 2022. Data on file (PRB-1736)
2. Niu JR, Ji ZG, Rong S, Mao QZ, Fan H, He X. Ureteral Stent Fragmentation: a Case Report and Review of Literature. *Chin Med Sci J.* 2013 Jun;28(2):124-6. doi: 10.1016/S1001-9294(13)60035-8
3. Joshi HB, Okeke A, Newns N, Keeley FX Jr, Timoney AG. Characterization of urinary symptoms in patients with ureteral stents. *Urology.* 2002 Apr;59(4):511-6. doi: 10.1016/s0090-4295(01)01644-2. PMID: 11927301.
4. Byrne RR, Auge BK, Kourambas J, Munver R, Delvecchio F, Preminger GM. Routine ureteral stenting is not necessary after ureteroscopy and ureteropyeloscopy: a randomized trial. *J Endourol.* 2002 Feb;16(1):9-13. doi: 10.1089/089277902753483646. PMID: 11890453.