
Medi-Globe Group subsidiary UROTECH GmbH: New clinical study results on stent therapy in children

Magnetic stent removal without general anesthesia in children and adults
Study shows clinical benefits of Magnetic Black-Star® in children

Rohrdorf, October 13th 2020. The Medi-Globe Group’s subsidiary UROTECH GmbH provides information on a new clinical study in pediatric urology. In a single-center retrospective feasibility study on 100 children with an average age of 7.8 years, the benefits of using the Magnetic Black-Star® (MBS) were demonstrated by Dr. Thomas Blanc, pediatric urologist in the Department of Paediatric Surgery and Urology (Necker-Enfants Malades University Children Hospital; AP-HP Centre – Université de Paris; FRANCE). The results are published in the World Journal of Urology *. The pediatric cohort study with the magnetic ureteral stent shows that the use of the Magnetic Black-Star® in children is safe and well tolerated. The MBS is an innovative product of the UROTECH GmbH, which is part of the Medi-Globe Group.

In children, stent placement as well as stent removal is a particular challenge for pediatric urologists. The stent must be removed by cystoscopy under general anesthesia. This procedure is time consuming and costly. For the children, the repeated surgical experience is emotionally stressful, and the repeated general anesthesia carries neurotoxicity risks described in the literature.

The study by Dr. Blanc et al. demonstrated that the removal of the MBS in children can be done without general anesthesia in an outpatient clinic setting since the stent’s magnetic tip allows to connect with a special catheter for removal. The success rate for removal was 98%; bladder diverticula were responsible for the unsuccessful contact between the distal end of the Magnetic Black-Star® and the removal catheter in 2 boys.

“Our study demonstrates that the concept of a magnetic ureteral stent is successful in children with major advantages for patients, families and institutions. Therefore, we are already planning further studies” explains Dr. Thomas Blanc, pediatric urologist at Necker-Enfants Malades University Children Hospital; AP-HP Centre. “As a manufacturer of urological products, we see it as our task to continuously develop and improve our portfolio in close cooperation with leading hospitals. The study by Dr. Blanc demonstrates that innovative products not only minimize risks during treatment, but also avoid general anesthesia. This development is very much welcome especially by our young patients in pediatric urology,” said Martin Lehner, CEO of the Medi-Globe Group.

The Magnetic Black-Star® from UROTECH GmbH is unique in urology. In close co-operation with urologists and clinical users, UROTECH GmbH plans to launch an MBS with a smaller magnet in the second half of 2020.

Literature: * Feasibility and safety of magnetic-end double-J ureteral stent insertion and removal in children. Chalhoub M, Kohaut J, Vinit N, Botto N, Aigrain Y, H eloury Y, Lottmann H, Blanc T. World J Urol. 2020 Jul

About UROTECH GmbH

UROTECH GmbH is a 100 percent subsidiary of the Medi-Globe Group and has been one of the leading providers of single-use medical products for modern urology for over 30 years. The company, based in Achenm uhle in Bavaria, specializes in incontinence and stone therapy. With 150 employees at the location in Achenm uhle, its own branches in the Czech Republic and Austria and worldwide trading partnerships, the company ensures that modern medical products for urology are available to doctors, nurses and patients worldwide. In Germany, sales are carried out by a dedicated sales force with specialists in the clinic and homecare sector.

About Medi-Globe Group

The Medi-Globe Group is an innovative, rapidly growing and internationally oriented group of medical technology companies in the fields of urology, gastroenterology and pulmonology. The head office is in Achenm uhle in the Bavarian town of Chiemgau, around 70 kilometers south of Munich. Around 670 employees work for the Medi-Globe Group in Germany, France, the Czech Republic, China, Brazil and Austria. Customers include university clinics, specialist clinics, specialist medical facilities and specialists in gastroenterology, urology and pulmonology in around 120 countries around the world. The managing directors are Martin Lehner (CEO), Christian Klein (COO) and Dr. Nikolaus K onig (CFO). The company emerged from the Medi-Globe Corporation, which was founded in the USA in 1990. Since then, the company has developed globally.

Contact

Stefanie Sch atzler
Marketing Communication
+49 8032 973-148
www.medi-globe.com
Medi-Globe Group

braun communications
Stefanie Braun
+49 89 2158 3965
sb@brauncommunications.de