

The Medi-Globe Group is an international leader in the field of magnetic ureteric stents

A systematic review of worldwide published studies on ureter stents shows that the Medi-Globe Group's Magnetic Black-Star® is superior to conventional stents

Rohrdorf/Achenmuehle, April 12th 2022. In cooperation with leading doctors and clinics, even after market authorization the products of the Medi-Globe Group are continuously assessed after approval regarding safety and clinical benefits. With the introduction of the Medical Device Regulation (MDR), the requirements for the clinical monitoring of medical devices have significantly increased for manufacturers. This also applies to implantable ureter stents such as the Magnetic Black-Star®. In the field of magnetic ureter stents, since the market launch of the Magnetic Black-Star® the Medi-Globe Group with its subsidiary UROTECH is considered a worldwide pioneer in this field.

Systematic review proves advantages of the Magnetic Black-Star® compared to conventional stents

The latest data from a systematic review of studies published worldwide on the use of magnetic ureter stents compared to conventional stents shows that the Magnetic Black-Star® leads to less pain during stent removal and to cost savings when compared to conventional ureter stents. The results of the review are published in the „Irish Journal of Medical Science“.*

“The review of the existing clinical literature on magnetic stents was prepared on own initiative of the authors team. This shows how great the scientific interest of physicians is in our patient-friendly and cost-reducing technology. The results of the individual studies, now consolidated in the systematic review, encourage us to consistently further develop our Magnetic Black-Star® portfolio,” says Dr. Markus Schönberger, Director Business Development and Head of the Strategic Business Unit Urology at the Medi-Globe Group.

Portfolio will be further expanded - new variant and further studies planned

In addition to the classic Magnetic Black-Star® in various sizes, the Medi-Globe Group has now also developed an XS version with a smaller magnet for children. The idea of the Magnetic Black-Star® XS was developed in collaboration with Prof. Dr. Thomas Blanc, university professor at the world-renowned Necker Children's Hospital in Paris, France. In the previously published study by Prof. Dr. Blanc et al. it could be demonstrated that the removal of the stent in children can be done on an outpatient setting without general anesthesia. Here, too, the advantages of the technology for the small patients are confirmed: less pain and therefore no second general anesthesia necessary. “Our study shows that the concept of a magnetic ureter stent is successful in children and offers great benefits for patients, families and medical institutions. Therefore, we are already planning further studies,” explains Prof. Dr. Thomas Blanc.

In addition, further clinical studies on the efficient clinical application of the Magnetic Black-Star® are currently underway. Building on this, the Medi-Globe Group intends to continue investing in the Magnetic Black-Star® portfolio in the coming years.

***Literature:** “A systematic review of magnetic versus conventional ureteric stents for short term ureteric stenting”, Louise Lyons¹, Ned Kinnear², Derek Hennessey¹, Irish Journal of Medical Science, January 2022.

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About Medi-Globe Group

The Medi-Globe Group is an innovative, fast-growing and internationally oriented medical technology group in the fields of urology, gastroenterology and pneumology. The head office is in Achenmuehle in Chiemgau, Bavaria, around 70 kilometers south of Munich. Around 670 employees work for the Medi-Globe Group, which was founded in 1990, in Germany, France, the Czech Republic, China, Brazil, the Netherlands and Austria. Customers include university clinics, specialist clinics, special medical facilities and specialists in gastroenterology, urology and pneumology in around 120 countries worldwide. The managing directors are Martin Lehner (CEO), Christian Klein (COO), Dr. Nikolaus König (CFO) and Marc Jablonowski (CTIO).

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