MagnetoStent

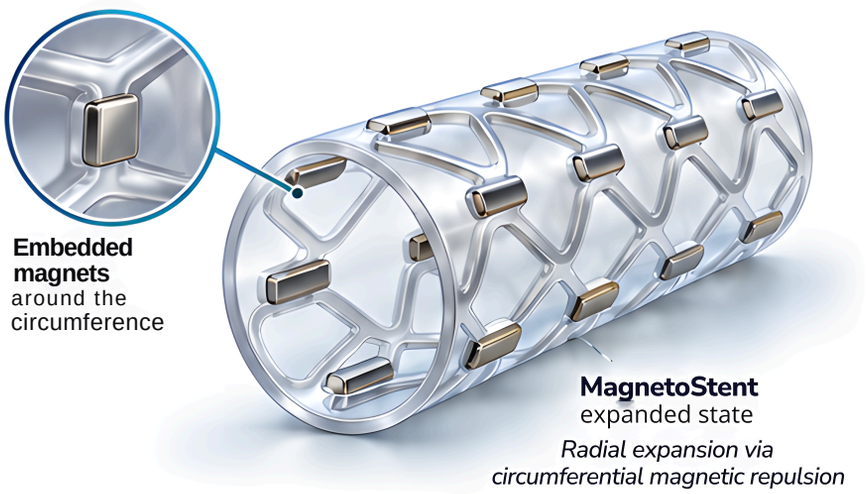
MAGNETIC. MINIMALLY INVASIVE. LASTING RELIEF.

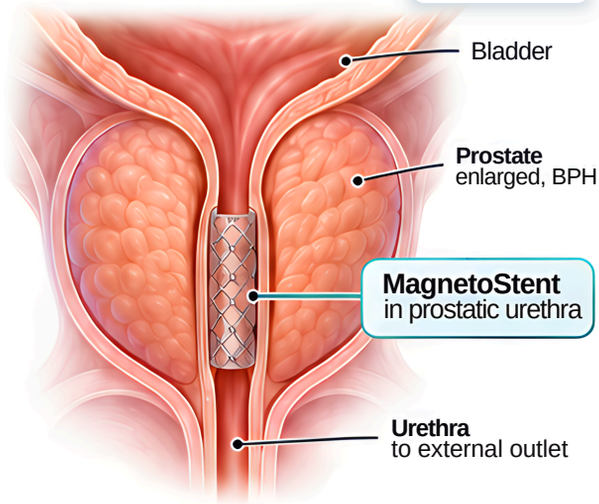
MagnetoStent

The Magnetic Solution for BPH Relief

Minimally invasive urethral implant technology in development

SCAN TO SAVE CONTACT





Clinical Need

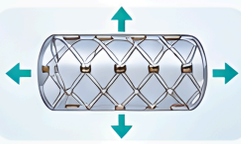
- Benign prostatic hyperplasia (BPH) can obstruct urine flow and reduce quality of life.
- Many patients seek an option between long-term medication and invasive surgery.
- Current solutions may involve discomfort, irreversible tissue change, or a permanent burden.

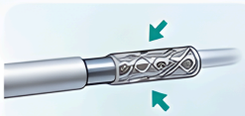
Our Solution

MagnetoStent is a magnetically self-expanding urethral implant concept designed to restore urine flow while remaining reversible and removable. The device uses circumferential magnetic repulsion to create radial expansion inside the urethra.

How It Works

1. 
Compact delivery: the device is inserted in a contracted form.

2. 
Magnetic expansion: integrated magnets repel to create gentle outward support.

3. 
Controlled retrieval: a slim ferromagnetic or electromagnetic retrieval tool contracts the device for removal.

Key Advantages

- Anchor-free design
- Reversible and removable
- No implanted battery or electronics
- Potentially less traumatic than permanent alternatives
- Designed for physician-controlled deployment and retrieval
- Platform potential for future smart sensing or drug-delivery extensions

Target Positioning

MagnetoStent is intended to address the therapeutic gap between medication and major surgical intervention for BPH patients.

Development Status

- Concept and design iterations completed
- Prototype development underway
- IP strategy in progress
- Seeking clinical, engineering, and strategic partners

Why It Matters

By combining mechanical simplicity with magnetic actuation, MagnetoStent aims to offer a new approach to BPH relief: minimally invasive, reversible, and patient-conscious.

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Seeking partners, clinicians, and investors

A conceptual medical device in development. Not approved for clinical use. No claims of safety or efficacy are made.