

The Next Frontier in MIS Magnetic Surgery

GT Metabolic™ MagDI™ System

GT Metabolic™ is leading the world with the **GT Metabolic MagDI™ System**, a proprietary linear magnetic technology (LMT) designed for magnetic compression anastomosis.¹ This incisionless, sutureless, and staple-free technique¹⁻⁴ is intended for use in creating side-to-side duodeno-ileal anastomosis in minimally invasive and laparoscopic surgeries.¹

Once the tissue has healed sufficiently to maintain the anastomosis, the device is naturally passed from the body, leaving no foreign material behind to impede the natural healing process. The **MagDI™ System** is the only FDA-cleared and commercially available product for magnetic compression anastomosis.¹

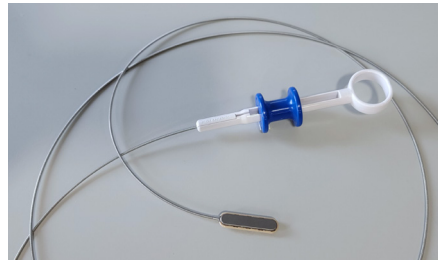
GT Metabolic™ MagDI™ System

MAGDI™ MAGNET



- A **40mm Parylene-C coated neodymium magnet** is encased in a Titanium shell with a PGLA bio-fragmentable flange.
- A **delivery system connect/release mechanism** is located at one end of the magnet.
- Device is **intended for use for side-to-side duodeno-ileal anastomosis** in minimally invasive and laparoscopic surgery.
- Sterile; disposable.

MAGDI™ DELIVERY SYSTEM



- The delivery system is a **disposable flexible orogastric delivery catheter 198cm in length** that attaches to the linear MagDI magnet for placement and positioning.
- The proximal end of the catheter consists of a **ring handle pull trigger for easy deployment of the magnet.**
- **The delivery system catheter must be paired with a flexible endoscope** with a working channel of at least 2.8mm or greater.
- Sterile; disposable.

MAGDI™ LAPAROSCOPIC POSITIONING DEVICE



- **41cm long reusable laparoscopic positioning device (LPD)** is compatible with a 12mm trocar.
- **Instrument is comprised of a Parylene-C coated neodymium magnet** encased in a titanium housing, non-magnetic shaft and positioning handle detailing the strength of the instrument.
- **Offered in five magnetic strengths**, the LPD provides surgeon with options depending on patient's bowel morphology. (A higher number indicates greater magnetic strength.)
- **LPD is used to position the linear magnetic technology (LMT)** at the desired anastomotic site.
- Reusable; requires sterilization.

Product Code	Description	Box
MAG-01	GT Metabolic MagDI magnet – 40mm	1 ea / 1 box
DS-01	GT Metabolic delivery system	1 ea / 1 box
PD-12	GT Metabolic laparoscopic positioning device (LPD)	1 ea / 1 box
PD-18	GT Metabolic laparoscopic positioning device (LPD)	1 ea / 1 box
PD-21	GT Metabolic laparoscopic positioning device (LPD)	1 ea / 1 box
PD-24	GT Metabolic laparoscopic positioning device (LPD)	1 ea / 1 box
PD-27	GT Metabolic laparoscopic positioning device (LPD)	1 ea / 1 box
PD-SET	GT Metabolic laparoscopic positioning device (LPD) set	5 ea / 1 box

TO ORDER, CONTACT CUSTOMER SERVICE Phone: (800) 906-4948 | Email: orders@gtmetabolic.com

REFERENCES

1. 510(k) No. K242086. Clearance for Magnetic Compression Anastomosis System (MagDI System) issued by the U.S. Food and Drug Administration. 24 October 2024.
2. Gagner, M., Almutlaq, L., Cadiere, G.-B., Torres, A. J., Sanchez-Pernaute, A., Buchwald, J. N., & Abuladze, D. (2023). Side-to-side magnetic duodeno-ileostomy in adults with severe obesity with or without type 2 diabetes: Early outcomes with prior or concurrent sleeve gastrectomy. *Surgery for Obesity and Related Diseases*. <https://doi.org/10.1016/j.soard.2023.10.018>
3. Gagner, M., Abuladze, D., Koiava, L. et al. First-in-Human Side-to-Side Magnetic Compression Duodeno-ileostomy with the Magnet Anastomosis System. *OBES SURG* 33, 2282–2292 (2023). <https://doi.org/10.1007/s11695-023-06708-x>
4. Gagner M, Cadiere GB, Sanchez-Pernaute A, Abuladze D, Krinke T, Buchwald JN, Van Sante N, Van Gossom M, Dziakova J, Koiava L, Odovic M, Poras M, Almutlaq L, Torres AJ. Side-to-side magnet anastomosis system duodeno-ileostomy with sleeve gastrectomy: early multi-center results. *Surg Endosc*. 2023 Aug;37(8):6452-6463. doi: 10.1007/s00464-023-10134-6. Epub 2023 May 22. PMID: 37217682; PMCID: PMC10202352.