Surgical Innovations

Transforming Surgery Together

PretzelFlex™

Laparoscopic Retraction System

For over 30 years Surgical Innovations have been at the forefront of Minimally Invasive Surgery.

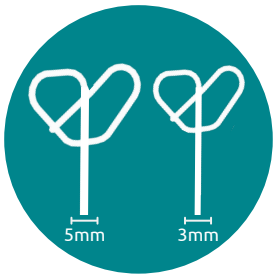
As surgical techniques continue to evolve, the demand for solutions which align to those advancements is key, whilst reducing the **impact on the environment**, as societally we become more aware of the footprint the provision of healthcare generates.

PretzelFlex™ was the **world's first pretzel shaped** organ and tissue retractor designed for use in Minimally Invasive Surgery.

This **fully reusable** concept allows the actuation of the device to begin before all of the segments have entered the body, through its 'Advance and Actuate' SmartFlex™ technology.

Complemented by our FastClamp™ system, the Laparoscopic retraction system can be held **securely** in position during long periods of surgery without the need for human intervention.

Laparoscopic Retraction System



Selection Of Shaft Sizes Available: 5mm (large platform) & 3mm (small platform)

Large Surface Area Increasing Contact & Stability Whilst Accommodating Livers Up To 4kg

Atraumatic Design, Minimising Tissue Damage[1&2] During Retraction

Creates Shape In Smaller Space Envelope Compared With Triangular Retraction

1.Fersahoğlu, M.M., Ergin, A., Çiyiltepe, H. et al. Comparison of the Pretzelflex Retractor and Nathanson Retractor in Laparoscopic Sleeve Gastrectomy Surgery. OBES SURG 31, 4963–4969 (2021). https://doi.org/10.1007/s11695-021-05680-8
2.Midya, S., Ramus, J., Hakim, A. et al. Comparison of Two Types of Liver Retractors in Laparoscopic Roux-en-Y Gastric Bypass for Morbid Obesity. OBES SURG 30, 233–237 (2020). https://doi.org/10.1007/s11695-019-04142-6

Ordering Information

Product Code	Product Description	Platform Width	Working Length
SHR7001	5mm PretzelFlex™	100mm	231mm

Product Code	Product Description	Platform Width	Working Length
SHR7301	3mm PretzelFlex™	70mm	231mm

Laparoscopic Retraction System

Leading the Evolution

In Sustainable Surgery.

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