# FREEDOM – INGUINAL

Hernia Repair System

## INSIGITRA. Medical

### **FREEDOM – INGUINAL** Hernia Repair System

#### A dynamic enhancement to standard open hernia repair

The Freedom ProFlor™ implant dynamically adapts to the abdominal wall. It is uniquely engineered for compressibility and inherent recoil, responding harmoniously to the movement of structures within the inguinal area. The polypropylene open-mesh structure provides a scaffold for tissue ingrowth.

#### **Radial resilience**



#### Vertical shock absorption





insertion into the hernia opening The notch facilitates alignment of the

Rounded tip allows gentle

The delivery device loaded with ProFlor implant



The ProFlor implant being released

lamellas to the spermatic structures

Slim body of the delivery device maximizes visibility



Unique housing compresses the implant during delivery

Plunger features a twisting safety lock

### Stability and dynamic response

Insightra's Freedom Inguinal Hernia Repair kit is an innovative solution that eliminates the need for suturing or other types of fixation. It is designed around the ProFlor dynamic 3D implant, which completely obliterates the hernia opening. The preperitoneal disk helps to stabilize the implant.



Implants available in 25mm or 40mm core diameters, with corresponding size-specific delivery devices.

Freedom ProFlor



Delivery device

#### Secure placement: grip, stability, ingrowth

Freedom ProFlor's unique design stabilizes in the tissue without fixation. The 3D structure allows for ultrasound detection. The open-mesh structure enables tissue ingrowth.



The deployed implant gripped firmly by the surrounding structures.†



Ultrasound in a human after eight months. ProFlor's 3D structure enhances visibility to verify positioning.†



A porcine implant, excised after eight months, shows tissue ingrowth.

† "Dynamic autostatic implant for inguinal hernia repair: early results in an explorative cohort of patients." Presented at the International Congress of European Hernia Society, Istanbul 2010.

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#### Porcine histology results at eight months





Well-structured arteries



Mature nerve structure

#### Freedom ProFlor Kit

Healthy connective tissue

The Freedom Inguinal Hernia Repair kit comprises a delivery device and the ProFlor dynamic 3D implant. Once the implant is deployed, the hernia orifice is completely obliterated. No suturing or point fixation is required. The open mesh structure allows ingrowth, while the preperitoneal disk helps to cover and protect the defect.

- Point fixation not required
- Delivery device aids insertion
- Standardized open procedure
- Available in 25mm and 40mm diameters
- Quick learning curve

Freedom ProFlor Kit Configurations		
Kit Model	Core Diameter	Contents
FIHR25mmK	25mm	1 ea Implant – FIHR25mm 1 ea Delivery Device – FIHR25mmD
FIHR40mmK	40mm	1 ea Implant – FIHR40mm 1 ea Delivery Device – FIHR40mmD

For more information on surgical training, visit www.insightra.com



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