



Figulla® Flex The New Generation ASD and PFO Occluders



The New Generation

Figulla® Flex, Occlutech's new generation ASD and PFO occluders, bring several innovative features. They have been developed with additional patient benefit and user friendliness in mind using the experience of carrying out over 10,000 cardiac implants over the past few years.

State of the art surface technology

Occlutech has perfected its Nitinol surface technology for obtaining an extremely smooth and flexible outer layer. The golden color has become synonymous with the highest standard in biocompatibility without risking cracks or deformations forming upon compression/expansion. The composition of the layer is identical to what has been used in 100,000 of medical implants with the added advantage of being more flexible.

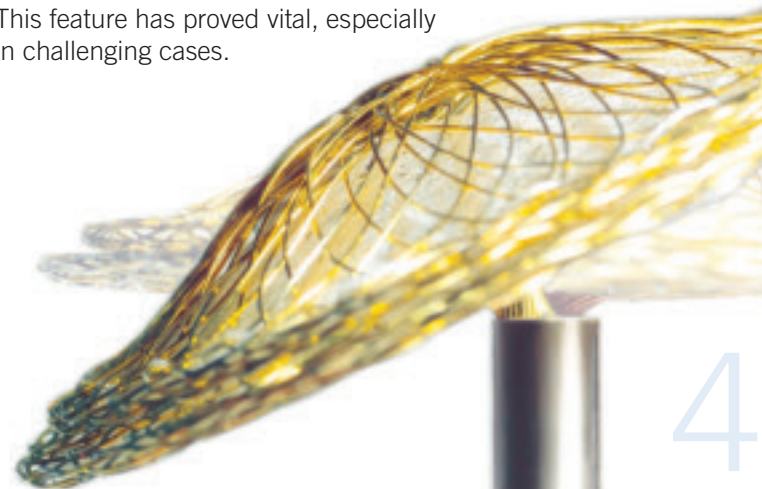


Occlutech Surface in magnification

Innovative Delivery System

The new delivery system allows significant improvements in product handling. Before release of the occluder, the system allows a tilted angle of 45 degrees without any stress or tension on the implant.

This feature has proved vital, especially in challenging cases.



The delivery system allows a tilt of up to 45° giving perfect placement prior to release

This allows the product to be placed in the final position without any adverse tension from a delivery wire. The safe-handling attachment system avoids any risk of unintended release during handling and allows safe retraction into the catheter should the implantation be interrupted.

Occluder flexibility

The patented braiding system allows Occlutech to manufacture its occluders without mounting any clamp or hub. The connector is shaped from laser welded biocompatible Nitinol only, using no other metals. In addition to reducing the amount of material implanted and giving a less traumatic tip, this gives

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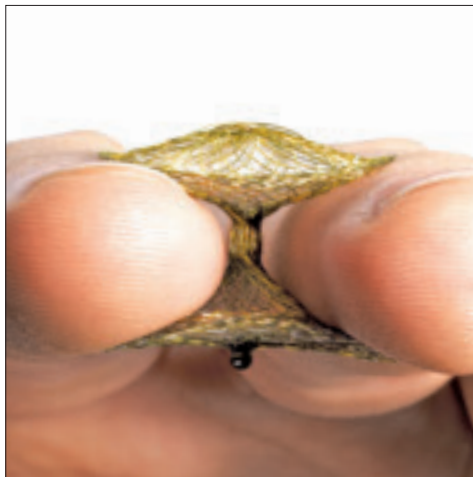
The New Generation ASD and PFO Occluders

several additional advantages. Most importantly, by not locking the strands at the distal part into a rigid structure, the occluders remain more flexible providing:

- Superior adaptation to the septal tissue upon implantation
- Superior adaptation to challenging anatomy
- Sizing flexibility reducing the number of sizes needed in stock
- Softer rims



5°



Avoiding a distal hub gives sizing flexibility by allowing the strands of the device to move and adapt to the individual situation

Minimizing amount of material implanted

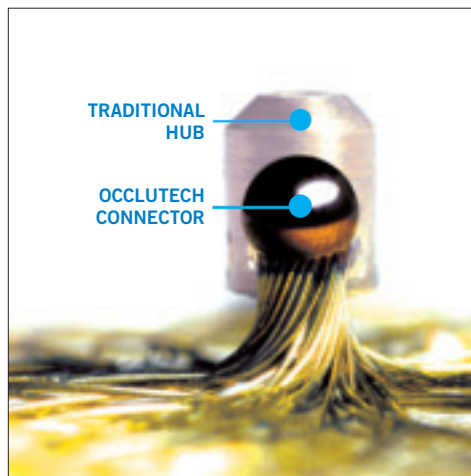
The new generation ASD and PFO occluders do not have any threaded hub or clamp to provide an attachment for a delivery system. The amount of material implanted in this area is reduced by over 70 % by utilizing a proprietary welding process to form a ball specifically designed for compatibility with the delivery system.

Made in Europe

Maintaining the highest quality standards Occlutech has built a new, modern, high-output manufacturing facility in the heart of Europe. Occlutech has significant experience in developing and manufacturing advanced medical implants. Occlutech applies state-of-the-art technology in its European manufacturing facilities that are among the most modern. Each occluder is individually inspected and tested multiple times throughout the manufacturing process in order to guarantee the highest standards.

Innovation & Intellectual Property

Occlutech has invested significantly in building up an independent global patent position. The individual braiding technology has been awarded European and International patents and represent true innovation allowing the creation of unique products. Occlutech invests a significant part of its revenue into R&D and has a pipe line of promising new patents and technology leading to exciting new products.



The Occlutech connector compared with a traditional threaded hub concept

Figulla® Flex Ordering information

Figulla® Flex PFO Occluder (Single LA Disc)

Article No.	Product Name	Disc Ø (mm)	Defect Size (mm)
14PFO25S	Figulla® Flex PFO	23/25	8<D≤13

Figulla® Flex PFO Occluder

Article No.	Product Name	Disc Ø (mm)	Defect Size (mm)
15PFO18D	Figulla® Flex PFO	16/18	D≤8
15PFO25D	Figulla® Flex PFO	23/25	8<D≤13
15PFO30D	Figulla® Flex PFO	27/30	13<D≤15
15PFO35D	Figulla® Flex PFO	31/35	D≥15

Figulla® Flex ASD Occluder

Article No.	Product Name	Waist Ø (mm)	Defect Size (mm)
24ASD06	Figulla® Flex ASD	Size 6	≤6
24ASD07	Figulla® Flex ASD	Size 7,5	6<D≤7,5
24ASD09	Figulla® Flex ASD	Size 9	7,5<D≤9
24ASD10	Figulla® Flex ASD	Size 10,5	9<D≤10,5
24ASD12	Figulla® Flex ASD	Size 12	10,5<D≤12
24ASD15	Figulla® Flex ASD	Size 15	12<D≤15
24ASD18	Figulla® Flex ASD	Size 18	15<D≤18
24ASD21	Figulla® Flex ASD	Size 21	18<D≤21
24ASD24	Figulla® Flex ASD	Size 24	21<D≤24
24ASD27	Figulla® Flex ASD	Size 27	24<D≤27
24ASD30	Figulla® Flex ASD	Size 30	27<D≤30
24ASD33	Figulla® Flex ASD	Size 33	30<D≤33
24ASD36	Figulla® Flex ASD	Size 36	33<D≤36
24ASD39	Figulla® Flex ASD	Size 39	36<D≤39
24ASD40	Figulla® Flex ASD	Size 40	39<D≤40

Figulla® Flex Uniform Occluder*

Article No.	Product Name	Disc Ø (mm)	Defect Size (mm)
13UNI17	Figulla® Flex UNI	17/17	D≤7
13UNI24	Figulla® Flex UNI	24/24	7<D≤11
13UNI28	Figulla® Flex UNI	28,5/28,5	10<D≤14
13UNI33	Figulla® Flex UNI	33/33	14<D≤15

* Under development

Customer Service International
 Occlutech International AB, Helsingborg, Sweden
 Tel +46 (42) 33 65 25, Fax +46 (42) 311 09 70
 order@occlutech.net, www.occlutech.com