Introducing the Ultimate Embolic Protection Device

Embolic Protection Finally Made Easy
WIRION™ is an embolic protection device that allows the physician to use any 0.014" guide wire of choice throughout the entire procedure, cross challenging anatomies with a bare wire and lock the filter on the guide wire anywhere along the wire. The one size WIRION™ device covers vessels with diameter ranging 3.5mm to 6.0mm. Its uniform 120μ pore size filter provides continuous blood flow while maintaining embolic capture efficiency.

Pre-loaded filter
The WIRION™ rapid exchange delivery catheter is provided with a pre-loaded filter unit and requires no preparation prior to use.

Any guide wire of choice
The WIRION™ pre-loaded filter can be remotely locked onto any 0.014" guide wire of choice. This allows the physician the freedom to choose the optimal guide wire for the procedure. WIRION™ uses a single guide wire - your guide wire of choice - throughout the entire procedure, maintaining optimal position, support and stability.

Anywhere on the Wire
The WIRION™ unique technology allows the filter to be delivered to the target position over the guide wire of choice, then locked and deployed anywhere on the guide wire, anywhere along the target vessel, providing optimal protection without compromising wire support and stability.

Enhanced Retrieval
The WIRION™ Retrieval Catheter offers a unique retractable tip technology that ensures smooth deliverability across the stented area, particularly in tortuous anatomies and open cell design stents.

Proprietary Deliver, Lock and Deploy Technology
Gardia Medical's Deliver, Lock and Deploy technology offers the physician improved deliverability with maximum flexibility in guide wire placement and complete control over filter positioning.

Superior Clinical Benefits
Current EPD's are fixed-on-a-dedicated-wire systems resulting in inferior wire characteristics, limited functionality, limited stability and support and increased complexity. These systems require significant preparation time while loading the filters into their respective delivery catheters.
### Existing EPDs vs WIRION

<table>
<thead>
<tr>
<th>Feature</th>
<th>Existing EPDs</th>
<th>WIRION</th>
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</thead>
<tbody>
<tr>
<td>Guide wire of choice</td>
<td>NO – dedicated wire</td>
<td>YES</td>
</tr>
<tr>
<td>Filter delivery</td>
<td>Tracking a bulky catheter</td>
<td>Tracking over the wire of choice</td>
</tr>
<tr>
<td>Filter position on wire</td>
<td>Fixed – distal end of dedicated wire</td>
<td>Physician’s choice anywhere on any wire</td>
</tr>
<tr>
<td>Side branch protection</td>
<td>Limited</td>
<td>Maximal</td>
</tr>
<tr>
<td>Distal guide wire support</td>
<td>Limited</td>
<td>Maximal</td>
</tr>
<tr>
<td>Added time to procedure</td>
<td>Yes</td>
<td>None, pre-loaded filter</td>
</tr>
</tbody>
</table>

### Clinical Experience

To date, hundreds of patients have been treated with the WIRION™ system in multiple disciplines including Carotid, Saphenous Vein Graft, Peripheral and Renal stenting and as protection during TAVI procedures.

The WISE (Wirion FDA Study performed in Europe) clinical study demonstrated the excellent safety and performance of the WIRION system.

### Delivery Catheter

- **Guidewire**: Commercially available 0.014" guide wire
- **Filter Material**: Nylon membrane, Nitinol frame
- **Size range**: 3.5-6.0 mm vessel diameter
- **Filter length**: 22.5mm
- **Pore size**: 120μ
- **Crossing profile**: 3.2F
- **Guide catheter/Sheath**: 6F
- **Delivery Catheter Length**: 145cm

### Superpass Retrieval Catheter

- **Retrieval Catheter Length**: 146cm

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**About Gardia Medical**

Gardia Medical develops specialized catheter-based delivery systems to Deliver, Lock and Deploy devices on any guidewire, anywhere on the wire, in minimally invasive interventional procedures.

**Gardia Medical Ltd.**

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