Spiral Flow™ Vascular Grafts

The only grafts PROVEN to induce Spiral Laminar Flow™
Turbulence is a major cause of NIH

- Loss of patency is a major issue with prosthetic grafts used for peripheral vascular bypass and arteriovenous access in haemodialysis.
- The primary cause of failure in prosthetic grafts is neointimal hyperplasia (NIH) that usually occurs at the distal anastomosis. NIH is caused, in large part, by turbulent flow.

Spiral Flow™ Grafts eliminate turbulent flow as a cause of NIH. Our Innovative Spiral Laminar Flow™ technology restores normal blood flow.

- Reducing wall pressures and shear stress gradients
- Reduces particle adhesion to the vessel wall
- Suggested that Spiral Laminar Flow™ (SLF™) may play an antiatheroprotective role preventing pathogenic flow patterns and disease progression.

Presence of SLF™ easily verified with colour Doppler ultrasound

- Immediate and long-term confirmation that normal flow has been restored
- Characteristic “red-blue split” demonstrates normal Spiral Flow™

Excellent outcomes can arise from being normal

Spiral Flow™ AV Access Grafts show primary patency rates of
- 90% at 6 months
- Over 80% at 12 months

Spiral Flow™ Peripheral Grafts show primary patency rates of
- 86% at 12 months
- 81% at 36 months
- Now with important 5 year follow up data
- Superior to conventional grafts

Spiral Flow™ Grafts are an excellent alternative to vein.

Leading to improved clinical outcomes for your patient
Our Spiral Flow™ Grafts

The **distal end** of all Spiral Flow™ Grafts features a Spiral Flow Inducer Segment and a Distal Cuff separated by a 3-5mm area called the Trim Gap. The Spiral Flow™ AV Graft also has an Inducer Indicator Ring that serves as a palpable ridge indicating the beginning of the No Cannulation area of the graft. When cannulation occurs outside this area, the Spiral Flow™ Graft delivers turbulent free blood flow 24/7.

The 6mm Spiral Flow™ PV Graft is fully externally supported with a non-removable bead over the Spiral Inducer Segment. The 8mm Spiral Flow™ PV graft’s inducer segment is unsupported.

Additional information on the Spiral Flow™ Graft can be downloaded from: www.vascular-flow.com

If you have additional questions, email us at info@vascular-flow.com.

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Registered in Scotland No SC190078

Product Range

Our Spiral Flow™ Peripheral Vascular Grafts are available in the following sizes:

<table>
<thead>
<tr>
<th>Length</th>
<th>6mm Diameter</th>
<th>8mm Diameter</th>
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<tbody>
<tr>
<td>50cm</td>
<td>SF5006SW</td>
<td>SF5008SW</td>
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<tr>
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<td>SF6006SW</td>
<td>SF6008SW</td>
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<tr>
<td>70cm</td>
<td>SF7006SW</td>
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<tr>
<td>80cm</td>
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<td>SF8008SW</td>
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Our Spiral Flow™ AV Access Graft is available in the following size:

<table>
<thead>
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<th>Length</th>
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<tbody>
<tr>
<td>45cm</td>
<td>6mm</td>
<td>SF4506AV</td>
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For further information contact your local distributor or visit www.vascular-flow.com.

References