When it comes to treating Chronic Venous Insufficiency (CVI), only the Covidien ClosureFast™ catheters utilize a segmental ablation technique to emit uniform and repeatable heat at specific increments within the affected vessel. Available with 7cm and 3cm heating elements.

*The Venefit™ procedure, delivered by the Covidien ClosureFast™ catheters.*
The Venefit™ procedure, delivered by the Covidien ClosureFast™ Catheters

Effective Treatment of CVI with Rapid Patient Relief and Recovery

The Venefit™ procedure is a minimally invasive radiofrequency (RF) ablation procedure that uses the Covidien ClosureFast™ endovenous radiofrequency ablation (RFA) Catheter to collapse and close enlarged leg veins in patients with varicose veins and Chronic Venous Insufficiency (CVI).

SEGMENTAL ABLATION TECHNOLOGY™

The Covidien ClosureFast™ catheters eliminate the need for continuous pull-back of the energy source as in the case of laser ablation allowing for more controlled and repeatable radiofrequency ablation and consistent, reproducible delivery of energy.

Efficacy Rate

93% at three years

Recovery Trial Results

Compared with a 980nm laser ablation, the Covidien ClosureFast™ catheter demonstrated statistically significant results:

• Faster improvement in patients’ Venous Clinical Severity Scores (VCSS)
• Up to four times faster improvement in patients’ quality of life based on CVI Quality of Life Questionnaire, Version 2 (CVIQ2)
• Less pain and bruising
• Fewer complications

Kaplan-Meier Analysis: Long-term Probability of Vein Occlusion Utilizing Endovenous Radiofrequency Ablation

<table>
<thead>
<tr>
<th>Time (months)</th>
<th>Number at risk</th>
<th>Oclusion Probability (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>100</td>
<td>90</td>
</tr>
<tr>
<td>6</td>
<td>295</td>
<td>92</td>
</tr>
<tr>
<td>12</td>
<td>289</td>
<td>94</td>
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<tr>
<td>18</td>
<td>276</td>
<td>96</td>
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<tr>
<td>24</td>
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<td>98</td>
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<td>30</td>
<td>244</td>
<td>100</td>
</tr>
<tr>
<td>36</td>
<td>244</td>
<td>100</td>
</tr>
</tbody>
</table>

Graph showing Kaplan-Meier Analysis with data points for time (months) and number at risk.
INDICATION: The Covidien ClosureFast™ catheter is intended for endovascular coagulation of blood vessels in patients with superficial venous reflux.

CONTRAINDICATIONS: Patients with thrombus in the vein segment to be treated.

CAUTION: The vein wall may be thinner in an aneurysmal segment. To effectively occlude a vein with an aneurysmal segment, additional tumescent infiltration may be needed over the aneurysmal segment, and the treatment of the vein should include segments proximal and distal to the aneurysmal segment.

CAUTION: No data exists regarding the use of this catheter in patients with documented peripheral arterial disease. The same care should be taken in the treatment of patients with significant peripheral arterial disease as would be taken with a traditional vein ligation and stripping procedure.

POTENTIAL COMPLICATIONS: Potential complications include, but are not limited to, the following: vessel perforation, thrombosis, pulmonary embolism, phlebitis, infection, adjacent nerve injury, skin burn, hematoma or discoloration.

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**Covidien ClosureFast™ 3cm Endovenous Radiofrequency Catheter**

Shorter segmental ablation with the versatility to treat the shorter superficial refluxing veins.

**FEATURES**

- Utilizes the same technology as the Covidien ClosureFast™ endovenous radiofrequency ablation (RFA) Catheter with a 3cm heating element
- Ideal for the treatment of shorter vein segments with the ability to treat longer veins
- Compatible with the Covidien ClosureRFG™ radiofrequency generator*

**ClosureFast™ Catheters Ordering Information**

<table>
<thead>
<tr>
<th>Order#</th>
<th>Description</th>
<th>Working Length</th>
<th>Heating Element Length</th>
<th>Compatible Guidewire</th>
</tr>
</thead>
<tbody>
<tr>
<td>CF7-7-60</td>
<td>7F Covidien ClosureFast™ catheter</td>
<td>60cm</td>
<td>7cm</td>
<td>0.025&quot;</td>
</tr>
<tr>
<td>CF7-7-100</td>
<td>7F Covidien ClosureFast™ catheter</td>
<td>100cm</td>
<td>7cm</td>
<td>0.025&quot;</td>
</tr>
<tr>
<td>CF7-3-60*</td>
<td>7F Covidien ClosureFast™ 3cm catheter</td>
<td>60cm</td>
<td>3cm</td>
<td>0.025&quot;</td>
</tr>
</tbody>
</table>

* ClosureRFG™ software version 4.4.0 or higher is required.

All Covidien Venefit™ procedure products are latex free.

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Covidien ClosureRFG™ Radiofrequency Generator
Advanced Radiofrequency Generator for Venefit™ Targeted Endovenous Therapy

FEATURES
Continuous Feedback
Real-time temperature feedback control
Display or power delivered to achieve set temperature
Intuitive User Interface
Simple, quick viewing of treatment parameters
Color gauges indicate treatment parameter range
Large Color Screen
Intuitive screen layout with distinct functional areas
Easy to see
Ergonomic Console
Backlit control buttons provide clear visibility in a darkened room
Built-in handles for easy lifting and carrying
Convenient holder for power cord
Audible Tones
Alert tones with adjustable volume
Different tones indicate separate functions
Warranty
One year manufacturer’s warranty
Extended warranty programs available

Covidien ClosureRFG™ Ordering Information

<table>
<thead>
<tr>
<th>Order #</th>
<th>Description</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFG2</td>
<td>ClosureRFG™ generator</td>
<td>Universal (100-240 V)</td>
</tr>
</tbody>
</table>

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