NeverTouch Gold-Tip Fiber
THE GOLD STANDARD IN ENDOVENOUS LASER TREATMENT
The innovation behind the NeverTouch fiber is a glass weld at the distal tip of a 600 μm fiber. The weld results in an effective fiber diameter of 905 μm and lowers the actual power density by 56 percent from that of a standard bare tip 600 μm fiber. The net effect is a homogeneous ablation with less focal charring of the vein wall than that which is seen with bare tip fibers. The gold-tip also maximizes ultrasonic visibility, making it easier for physicians to use.

The Proprietary Science Behind NeverTouch Fibers

The new NeverTouch gold-tip laser fiber establishes a new standard for patient comfort, visibility and ease of use. The gold-tip fiber eliminates laser tip contact with the vein wall, which in turn minimizes perforations of the vein wall that typically result in pain and bruising as compared to traditional bare-tip fibers. The gold-tip also maximizes ultrasonic visibility, making it easier for physicians to use.

The NeverTouch Fiber Can Successfully Treat Larger Veins

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BEFORE
39.2 mm GSV before

AFTER
Vein after Venacure EVLT laser procedure with NeverTouch fiber
**PROCEDURE KIT FEATURES AND BENEFITS**

**Micro-access system in convenient “kangaroo pouch”**
Select from a variety of micro-access kits, all packaged on the outside in a separate sterile pouch.

**Sheath-Lok* system**
Enables precise placement at the saphenofemoral junction by locking the fiber to the sheath, ensuring the fiber stays a safe distance outside the sheath.

**4F TRE-Sheath* hydrophilic-coated introducer (translucent, radiopaque, echogenic)**
Echogenic for easy positioning and hydrophilic coating to reduce procedure time.

**Stainless steel braid**
Improves pushability through tortuous anatomy and increases echogenicity.

**NeverTouch-FRS fiber**
Fiber recognition system is compatible with all AngioDynamics’ lasers.

**Sliding sheath gauge**
Aids in marking treatment length and holding sheath in place during tumescent anesthesia.

**Available with a 21 or 19 gauge needle**
New 19 gauge needle now available for physicians who prefer to insert the .035” wire directly through the needle.

**New 90 cm TRE-Sheath**
Reach new lengths with the new 90 cm NeverTouch procedure kit—ideal for gaining access below the knee.

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**Micro-Access System**
AngioDynamics offers several micro-access systems to satisfy a variety of clinical needs. The chart below specifies the kit options and components that accompany the NeverTouch gold-tip fiber.

### New NeverTouch Fiber .018” System

The new .018” system eliminates the need for a 5F micro-access sheath and eliminates the need to exchange wires and size up, resulting in fewer procedure steps, and a faster procedure time.

<table>
<thead>
<tr>
<th>21 G Needle</th>
<th>19 G Needle</th>
<th>.018” Micro-access guidewire</th>
<th>Micro-introducer sheath with dilator</th>
<th>.035” long-access double-ended guidewire</th>
<th>.018” long-access guidewire</th>
<th>TRE-Sheath with dilator</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standard System</strong></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<tr>
<td><strong>.018” System</strong></td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
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<tr>
<td><strong>19 G Micro-access System</strong></td>
<td>X</td>
<td></td>
<td></td>
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</tbody>
</table>

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† Micro-access system in convenient “kangaroo pouch” Select from a variety of micro-access kits, all packaged on the outside in a separate sterile pouch.
**NEVERTOUCH GOLD-TIP FIBER PROCEDURE KITS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part #</th>
<th>Kit Length</th>
<th>Long-Access Guidewire</th>
<th>Needle</th>
</tr>
</thead>
<tbody>
<tr>
<td>NeverTouch Kit</td>
<td>11402001</td>
<td>45 cm</td>
<td>.035&quot;</td>
<td>21 gauge</td>
</tr>
<tr>
<td>NeverTouch Kit</td>
<td>11402002</td>
<td>65 cm</td>
<td>.035&quot;</td>
<td>21 gauge</td>
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<tr>
<td>NeverTouch-FRS Kit</td>
<td>11403001</td>
<td>45 cm</td>
<td>.035&quot;</td>
<td>21 gauge</td>
</tr>
<tr>
<td>NeverTouch-FRS Kit</td>
<td>11403002</td>
<td>65 cm</td>
<td>.035&quot;</td>
<td>21 gauge</td>
</tr>
<tr>
<td>NeverTouch-FRS Kit</td>
<td>11403004</td>
<td>90 cm</td>
<td>.035&quot;</td>
<td>21 gauge</td>
</tr>
<tr>
<td>NeverTouch-FRS Kit</td>
<td>11403005</td>
<td>45 cm</td>
<td>.035&quot;</td>
<td>19 gauge</td>
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<tr>
<td>NeverTouch-FRS Kit</td>
<td>11403006</td>
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<td>19 gauge</td>
</tr>
<tr>
<td>NeverTouch-FRS Kit</td>
<td>11403007</td>
<td>90 cm</td>
<td>.035&quot;</td>
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<tr>
<td>NeverTouch-FRS Kit</td>
<td>11403008</td>
<td>25 cm</td>
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<tr>
<td>NeverTouch-FRS Kit</td>
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<td>45 cm</td>
<td>.018&quot;</td>
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<td>NeverTouch-FRS Kit</td>
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<td>65 cm</td>
<td>.018&quot;</td>
<td>21 gauge</td>
</tr>
</tbody>
</table>

AngioDynamics’ VenaCure EVLT endovenous laser vein treatment offers patients a proven, minimally-invasive choice for treating the source of their varicose veins and provides them with immediate recovery and a return to normal daily routines. The VenaCure EVLT system includes 1470 nm and 810 nm lasers, a choice of procedure kits, procedure accessories, marketing materials and support, and more. For more information on these products, including our proprietary NeverTouch fiber technology, please visit [www.VenaCure-EVLT.com](http://www.VenaCure-EVLT.com).

**IMPORTANT RISK INFORMATION**

**INDICATION FOR USE:** The AngioDynamics, Inc. VenaCure EVLT NeverTouch Procedure Kits are indicated for endovascular coagulation of the Great Saphenous Vein (GSV) in patients with superficial vein reflux, for the treatment of varicose veins and varicosities associated with superficial reflux of the Great Saphenous Vein (GSV), and for the treatment of incompetence and reflux of superficial veins of the lower extremity. This product should be used only with lasers cleared for use in the treatment of varicose veins, varicosities with superficial reflux of the GSV, and in the treatment of incompetent refluxing veins in the superficial venous system in the lower limbs.

**CAUTION:** Federal (USA) law restricts the sale of this device by or on the order of a physician.

**CONTRAINDICATIONS:** Patients with thrombus in the vein segment to be treated, patients with an aneurysmal section in the vein segment to be treated or patients with peripheral artery disease as determined by the Ankle Brachial Pressure Index with a value of <0.9 should not have their varicosities ablated.

**WARNINGS AND PRECAUTIONS:** Treatment of a vein located close to the skin surface may result in skin burn. Tissue not targeted for treatment must be protected from injury by direct and reflected laser energy. All persons in the treatment room MUST wear protective glasses with the proper rating for the wavelength being used.

**CAUTION:** This device is ethylene oxide sterilized and intended for single patient use only. Do not reuse or resterilize the fibers. Contents sterile in unopened, undamaged package. Do not use if opened or any sign of product damage is visible. Carefully read all directions and observe all Warnings and Precautions prior to performing the procedure.

**POTENTIAL COMPLICATIONS:** Adverse reactions may include, but are not limited to: vessel perforation, thrombosis, pulmonary embolism, phlebitis, hematoma, infection, skin pigmentation alteration, neovascularization, paresthesia due to thermal damage of adjacent sensory nerves, anesthetic tumescence, non-target irradiation, vasospasm, hemorrhage, necrosis, skin burns and pain.

Indications, contraindications, warnings and instructions for use can be found in the instructions for use supplied with each device. Observe all instructions prior to use. Failure to do so may result in patient complications.