The First Peripheral Vascular Wire Interwoven Nitinol Self-Expanding Stent
**SUPERA VERITAS™** offers improved control and ease of use for smoother deployment

**Improved Design**
- Ergonomic handle allows for TRUE single handed operation
- Hydrophyllic coating allows for TRUE crossability, trackability and reduced friction
- Enhanced driver mechanism accelerates stent deployment

**Ease of Use**
- Eliminates 12 preparation and procedural steps
- The redesigned flexible tip provides enhanced crossability
- New enhanced distal sheath marker band

**Accurate and Efficient Stent Deployment**
- Reduces deployment strokes by 43%<sup>1</sup>
- Reduces required deployment force by 45%<sup>1</sup>
- Elimination of guidewire lumen reduces friction for smoother deployment
- Improved precision
SUPERA™’s design incorporates six pairs of super-elastic nitinol interwoven wires formed in a helical pattern to provide improved radial and longitudinal characteristics, answering the need for a truly fracture-resistant stent. SUPERA offers unsurpassed strength, flexibility, durability and conformability.

**Strength**
Proven in engineering bench tests to have a minimum of 4 times the radial strength and 360% stronger crush resistance than other self-expanding stents.¹

**Flexibility**
SUPERA offers dramatic longitudinal flexibility and high conformability.

**Durability**
Torsion, compression and fatigue tests all showed SUPERA to be fracture resistant and superior to other self-expanding stents tested.¹

**Conformability**
Exceptional performance in tortuous environments.

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**Bending/extension fatigue testing**

**Open-air bench test of repetitive 120° flexion and extension¹**
- 10,000,000 cycles completed
- Zero fractures observed in any SUPERA peripheral vascular self-expanding stent tested
- Other stents tested fractured at observation points less than 100,000 cycles

**Completely resisted kinking, crushing and crimping through 10,000,000 cycles of mechanical flexion and extension testing.¹**

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**Torsion fatigue testing**

**Simultaneous counter-revolution twisting motions administered by machine¹**
- 20,000,000 cycles of torsion applied
- Zero fractures observed in any SUPERA peripheral vascular self-expanding stent tested
Radial force compression testing

Measurement of force required to compress fully deployed stents 0.20 inches*

- 18.5 lbs of force required for 0.20” compression of SUPERA peripheral vascular self-expanding stent (6 mm size)
- A minimum of 4 times the radial strength and 360% stronger crush resistance than other self-expanding stents

Compression fracture results

- 10,000,000 cycles of compression loading at 4 lbs of force
- Zero fractures observed in any SUPERA peripheral vascular self-expanding stent tested
- Other stents tested fractured at 1,000,000 cycles of compression loading or less

Crush compression data for 6 mm stents

*Tests were not intended to be indicative of clinical performance. Results of tests were not statistically significant.
Stent Performance Redefined
SUPERA VERITAS® Stent Configurations

<table>
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<tr>
<th>Wire Gauge</th>
<th>Stent Diameter (mm)</th>
<th>40</th>
<th>60</th>
<th>80</th>
<th>100</th>
<th>120</th>
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<td>SE-08-100-120-G3</td>
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SUPERA Specifications

- 0.018" guidewire or 0.014" extra support guidewire
- Catheter diameter compatibility 7 Fr (or larger); 0.100" minimum
- 120 cm working catheter length
- 6 pairs of super-elastic nitinol wires interwoven in a helical pattern with a closed cell geometry
- Self-expanding stent

INDICATIONS FOR USE: The SUPERA VERITAS™ Interwoven Self-Expanding Nitinol Stent Peripheral Vascular System is indicated for palliative treatment of biliary strictures produced by malignant neoplasms and peripheral vascular use following failed percutaneous transluminal angioplasty (PTA). WARNINGS: DO NOT resterilize or reuse this device. For single use only. Sterilized with ethylene oxide gas. DO NOT use the device if the device or the device package is open or damaged. Use this device prior to the "use before" ("expiration") date as specified on the device package label. DO NOT expose the device to organic solvents. DO NOT use with Ethiodol or Lipiodol contrast media. Flush the device prior to use. Never advance the device without the guidewire extending from the tip. Never advance and/or withdraw a partially deployed SUPERA® Interwoven Self-Expanding Nitinol Stent. Never use excessive force when pulling the Guidewire Luer Fitting proximally or the Flexible Tip could become overloaded. Implantation of the SUPERA® Interwoven Self Expanding Nitinol Stent should be performed only under fluoroscopic observation with radiographic equipment providing high resolution images. This device is intended for use by physicians who have received appropriate training. This device is not designed for use with power injection systems. Use caution when crossing a partially or fully deployed stent with adjunct devices. CAUTION: This device is not yet approved by the FDA for distribution in the United States for peripheral vascular disease. ©IDEV Technologies Inc. All rights reserved. MKT00083 (01/08/10)

Reference:

Contact Us
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