**CLAUD\textsuperscript{EX}**

Peripheral Self-Expandable Stent Below the Knee

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Stent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Nickel titanium alloy</td>
</tr>
<tr>
<td>Lengths</td>
<td>15 mm</td>
</tr>
<tr>
<td>Visibility</td>
<td>3 gold x-ray markers at each end</td>
</tr>
</tbody>
</table>

**Stent Delivery System**

<table>
<thead>
<tr>
<th>Description</th>
<th>PTA Balloon Catheter</th>
<th>Semi-Compliant OTW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Guidewire</td>
<td>0.014&quot; (0.36 mm)</td>
<td></td>
</tr>
<tr>
<td>Recommended Introducer Sheath</td>
<td>4 F - 5 F</td>
<td></td>
</tr>
<tr>
<td>Nominal Pressure</td>
<td>3.25 mm to 5 mm - 9 bar</td>
<td></td>
</tr>
<tr>
<td>Rated Burst Pressure (RBP)</td>
<td>18 bar</td>
<td></td>
</tr>
<tr>
<td>Working Catheter Length</td>
<td>120 cm: 150 cm</td>
<td></td>
</tr>
<tr>
<td>Platinum X-ray Marker</td>
<td>One marker at proximal and distal end of balloon</td>
<td></td>
</tr>
<tr>
<td>Low Entry Profile</td>
<td>0.45 mm (0.018&quot;)</td>
<td></td>
</tr>
<tr>
<td>Balloon Material</td>
<td>Nylon</td>
<td></td>
</tr>
<tr>
<td>Hydrophilic Coating</td>
<td>400 mm distal</td>
<td></td>
</tr>
</tbody>
</table>

**ORDER INFORMATION**

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Length (mm)</th>
<th>Stent</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.5</td>
<td>BTK3515</td>
<td>BTK3535</td>
</tr>
<tr>
<td>4.5</td>
<td>BTK4515</td>
<td>BTK4535</td>
</tr>
</tbody>
</table>

CE PENDING FOR USE WITH PTA BALLOON CATHETER 0.014"

**FEATURES**

- Reduce puncture site diameter
- Minimal device profile
- All devices are 5F or smaller
- Reducing the procedure time
- Reducing thrombogenicity
- Less complications

**OUTCOMES**

- Improve the results
- Reduce the cost

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Our Micro-Invasive Strategy is focused on moving all devices to smaller profile and modified micro-lumen introduction to address clinical complications associated with access, port site entry, bleeding, and reentry with the potential to eliminate the need for closure devices and the integration of stenting and dilation procedures when possible.

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**amg International GmbH**
Boschstraße 16
D-21423 Wilsen
Germany

**Status**
November 2015
PS ClaudEx_01
Made in Germany

**Manufactured by**
QualMed Innovative Medizinprodukte GmbH | Boschstraße 16 | D-21423 Wilsen | Germany | www.qualmed.de

**CE MARK APPROVED**
The **CLAUD**\textsuperscript{EX} Peripheral Self-Expandable Stent is a **highly flexible** self-expanding, laser-cut Nitinol stent, preloaded onto a transport wire in an introducer.

The sleek surface of the transport wire changes into a unique checkered surface, perceptible visually and by touch, at the fluoroscopy marker point, to enhance the grip and push for a controlled and safe placement of the **CLAUD**\textsuperscript{EX} Peripheral Self-Expandable Stent.

**KEY FEATURES & BENEFITS**

- Suitable for vessel diameter range 2 - 4 mm
- **Retrievable and repositionable** up to 80% of its deployment
- Conformable and flexible closed cell design optimized for curved vessels
- Low profile stent structure and radiopaque gold markers
- Less friction during delivery due to smooth e-polished surface

**STENT SYSTEM FEATURES**

Indicator for correct expansion and positioning: 3 distal and proximal stent markers

Indicator for release limit: Proximal marker

Indicator for correct positioning: Middle marker

Atraumatic soft tip: Highly flexible Distal marker

Low Profile Design

The low profile stent structure and the low profile gold X-ray markers lead to reduced vessel wall irritation and maximum vessel lumen patency.

Asymmetric Cell Design

The new optimised asymmetric cell design ensures an improved vessel wall apposition and conformability even in tortuous vessel anatomies as well as an enhanced expansion behaviour of the stent.

Radiopaque Marker Concept

Three gold X-ray markers on each end of the **CLAUD**\textsuperscript{EX} Stent provide a permanent control of the position and the expansion behaviour of the device. Three transport wire markers allow increased visibility during positioning and a safe and precise placement under fluoroscopy. The proximal transport wire marker indicates the point up to which the stent can be repositioned.

E-Polished Surface

The smooth e-polished surface ensures less friction during delivery. Moreover, this finishing contributes to better corrosion resistance which may lead to lower thrombogenicity.