### Stimuplex® Pen

**Easy, non-invasive superficial nerve location.**

**Sharing Expertise**

It's more than a philosophy. It's a promise.

Sharing expertise includes listening to the wisdom of colleagues, customers and clinicians. It’s more than a philosophy. It’s our promise to the healthcare community and ourselves to continuously seek knowledge.

To expand it. To apply it. To share it. All to help improve and save lives.

This is Sharing Expertise.

This is B. Braun.

**Schedule a demo today.**

Call your B. Braun Representative at 1-800-227-2862 or visit us at [www.bbraunusa.com/stimuplex](http://www.bbraunusa.com/stimuplex).

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### Ordering Information

<table>
<thead>
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<th>Product Code</th>
<th>Description</th>
<th>Quantity</th>
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<td>333544</td>
<td>Stimuplex Pen (for use with Stimuplex HNS11 and HNS12 Nerve Stimulators)</td>
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</table>

**B. Sure.**

 Helps to find the exact nerve location and angle of entry before introducing the block needle.
Stimuplex® Pen
Works with B. Braun’s Stimuplex HNS11 or HNS12 Nerve Stimulator

Provides an easy way of locating superficial nerves through the skin.

Upper Extremity Nerve Mapping
The Stimuplex Pen, using Cutaneous Electrical Nerve Stimulation (CENS), represents a decisive advance in the location of superficial nerve structures. When the pen tip electrode is placed in proximity to a superficial nerve, motor contractions can be elicited through the skin by applying a stimulation current.

Can assist with the following blocks:
All superficial nerve blocks (up to approximately 3 cm of depth),
• Interscalene
• Axillary
• Mid-humeral
• Wrist
• Femoral

It is recommended that pulse duration is set between 0.5 ms and 1 ms in order to compensate for tissue resistance.

- Wrist flexion
- Fingers’ flexion
- Thumb opposition

1- Wrist flexion
2- Fingers’ flexion
3- Thumb opposition

1- Ulnar deviation of the wrist
2- Metacarpo-phalangeal Flexion
3- Thumb adduction

1- Wrist extension
2- Metacarpo-phalangeal extension
3- Thumb abduction

The Roots of Brachial Plexus

Motor Response to RADIAL Nerve Stimulation

Motor Response to ULNAR Nerve Stimulation

Motor Response to MEDIAN Nerve Stimulation

Motor Response to MUSCULOCUTANEOUS Nerve Stimulation

It is recommended that pulse duration is set between 0.5 ms and 1 ms in order to compensate for tissue resistance.

Stimuplex® Pen offers many benefits for both clinical and educational use:
• May help reduce excessive and prolonged needle manipulation.
• Increase teaching interactivity in the OR, block room and workshop setting.
• Cost effective compared to imaging technologies.
• Non-invasive and patient-friendly.
• Easy to use.
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