Life-Tech offers an expanding line of Peripheral Nerve Block Educational Products

**MiniSim Interactive Ultrasound Guidance Simulators**

**Realistic**
- The block-specific MiniSims:
  - Contain all of the relevant surface landmarks, palpable subcutaneous anatomical structures and internal reference points associated with the blocks they represent.
- Each realistic pathogenic property for the embedded muscle, vascular, bony and nervous structures.
- The MiniSim generic trainer provides realistic ultrasound imagery of all internal anatomical structures associated with peripheral nerve blocks.

**Compact & Affordable**
- Small desktop platform is ideal for workshops.
- Very economical.
- Small desktop platform is ideal for workshops.

**Upgradeable**
- Optional USB interface available for each unit provides connection to a peripheral nerve block training software.

**MiniSim Specifications**

**MiniSim Package Options**

**Innovations for Peripheral Nerve Block Anesthesia...**

**MiniSim** Interactive Ultrasound Guidance Simulators

**eZono™ 3000**
Portable, Regional Anesthesia Focused Ultrasound System

Peripheral Nerve Block Needles, Catheters and Stimulators
A full line of traditional and new, innovative PNB needles and catheters.

From training to clinical practice, an all-encompassing product line for peripheral nerve location using...
- landmark identification
- nerve stimulation
- ultrasound visualization
The eZono® 3000 is a robust, very easy to use ultrasonic system designed specifically for small size practitioners. It incorporates many novel features suggested by practicing anesthesiologists, including four user-selectable image styles.

**Single Shot Needles**
- Available in 2 styles
- Laser tipped for precise placement
- Colored depth markings

**Continuous Block Sets**
Provide the best of both worlds for percutaneous nerve block anesthesia.
- Easy connection to the StimPro® III or EZStim® III or ProLong® Catheter Set
- Unique pattern on the EchoLong catheter tip
- Echogenic tip catheter and EchoBright needle
- Catheter Securement system

**StimPro®**
Combines a StimPro needle with the ContiStim® Catheter Set
- Plus accessory devices designed to optimize ease-of-use, setup and patient comfort

**ProLong®**
Needle and catheter set
- Available with Block Bevel or Tuohy Tip
- Closed tip, 2-in-1 non-stimulating catheter
- Catheter thrust assist guide reduces procedure duration

**ContiStim®**
Stimulating needle and catheter set
- Available with Block Bevel or Tuohy Tip
- Dual tip, 2-in-1 stimulating catheter
- Includes the patented StimPro® catheter connector that provides a flush profile to enhance patient comfort

**EchoBright**
Enhancements provide the experience of standard ultrasound visualization, but in a unique style.
- „3D” echographic pattern
- Echogenic tip catheter and Endhilight needle
- Unique pattern on the Echographic tip provides much more “brighter” images than other products

**Echoid®**
Unique on-board Card Cartridge education software accompanies the learning curve to help you achieve high level of competence in a short time.

**CUE CHIPS**
- Immobilization, unique patient positions
- Ultrasound, anesthesia, patient positioning
- Local, regional, interventional, cardiac studies
- Ultrasound-guided, arterial, venous, thoracic

**Product Specifications**
- Weight: 4.5 lbs
- Dimensions: 30.2 cm x 20 cm x 9.8 cm
- Display: 12.1" high-definition color screen with 24-bit color and 60 million colors
- Imaging: 2.0-12 MHz broadband architecture
- Ultrasound images, videos and anatomical illustrations.

**Ultrasound Basics**
- B-mode scanning
- Color Doppler
- Needle visualization

**Regional Anesthesia**
- Interscalene, supraclavicular, axillary
- Median, ulnar, radial, sciatic

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The eZono®3000 is a robust, very easy to use ultrasound system designed specifically for anesthesiology. It incorporates many new features suggested by practicing anesthesiologists, including four user-selectable image modes.

**Single Shot Needles**
- **Stimulating** or **non-stimulating** with the same needle
- **Echo-friendly**
- Stimulating or non-stimulating
- EchoBright

**Continuous Block Sets**
- ProLong® needle and catheter set
- ContiStim® needle and catheter set
- StimPro® - ProLong®
- StimPro® - ContiStim®

**Continuous Nerve Blocks**
- Phased array transducers offer consistent power and energy delivery
- 360° echogenic pattern
- Stimulating and non-stimulating models

**Catheter Security System**
- Catheter thread-assist guide reduces setup and patient comfort, such as the Catheter thread-assist guide and the Grip-Lok® Catheter Securement System
- Unique pattern on the EchoLong catheter tip
- Echogenic = E

**Silicon Carbide Catheter**
- Available with Block Bevel or Tuohy Tip
- Catheter thread-assist guide reduces procedure duration
- Available with Block Bevel or Tuohy Tip needle
- Catheter thread-assist guide reduces procedure duration

**Cue Cards**
- Unique on-board Cue Card education software accelerates the learning curve and brings a high level of competence to your practice
- Develop your own
- Available for download

**Standard Reference Ultrasound Images, Videos and Anatomical Illustrations.**
- Raw & Sharp
- Available Languages: English, French, German, Italian, Polish, Portuguese, Spanish, Turkish

**Power Measurements**
- **38W±5W**
- **17W±5W**
- **12W±5W**
- **6W±5W**
- **4W±5W**
- **2W±5W**

**Continuous Block Sets**
- ProLong® needle and catheter set
- ContiStim® needle and catheter set
- StimPro® - ProLong®
- StimPro® - ContiStim®

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- **2W±5W**
The eZono™ 3000 is a robust, portable, easy-to-use ultrasound system designed specifically for ultrasound-guided regional anesthesia. It incorporates many advanced features suggested by practicing anesthesiologists, including four user selectable image modes.

**eZono™ 3000 Specifications**

- **System:**
  - Weight: 4.7 lbs
  - Dimensions: 30.2 cm x 20.2 cm x 8.0 cm
  - 7.0-inch, 400 x 480 pixel, 24-bit, 60 million color TFT touch screen with an intuitive graphic user interface
  - 20- and 16-mm multi-colors
  - Digital broadband architecture
  - 6 GB internal memory
  - 2 GB built-in, 1 Express Card port, built-in microphone

- **Software:**
  - Proprietary operating system
  - Updatable via USB
  - 10 languages supported

- **Operating System:**
  - Echographic: Closed tip, 3-port non-stimulating catheter
  - Available with Block Bevel or Tuohy Tip needle

- **Probe:**
  - 20 mm suture needle probe available

- **Multi-media patient database:**
  - Internal storage of up to 30,000 images or 30 minutes of video
  - Image transfer via USB stick

- **Image transfer via USB stick**
  - Internal storage of up to 30,000 images or 30 minutes of video
  - Less than 20 seconds boot time, less than 6 seconds updates via USB stick

- **Image modes:**
  - B-mode
  - Color Doppler
  - Endovascular imaging
  - Image review function
  - Image storage function

- **Power:**
  - IB-120-VAC, 50-60 Hz power supply
  - Rechargeable Li-Ion battery
  - Racks up to 5 hours of battery life while scanning

- **Dimensions:**
  - 32.4 cm x 28.2 cm x 9.3 cm

- **Available Languages:**
  - English, French, German, Italian, Polish, Portuguese, Spanish, Turkish

- **Continuous Block Sets**
  - LifeTech continuous block sets include accessory devices designed to optimize ease-of-use, setup and patient comfort, such as the Catheter thread-assist guide and the brand or Lords Catheter Seemnt System

- **EchoBright™**
  - Enhancing sets provide the convenience of regional block techniques
  - LED light tip catheter and Endhole catheter
  - Unique on-board Cue Card education software accelerates learning and improves efficiency

- **Model Selection**
  - StimPro – ProLong
    - Combines a StimPro needle with the ContiStim Catheter Set
  - StimPro – ContiStim
    - Combines a StimPro needle with the ProLong Catheter Set

- **Single Shot Needles**
  - Single Injection Blocks
    - Available for download
      - MiniSim: All types
      - Emergency: FAST, FEEL
      - Regional Anesthesia: Epidural, Spinal, Rescue Blocks
      - Vascular Access: Internal jugular, axillary, femoral
  - Clinical Pre-sets
  - Unique on board Cue Card education software accelerates learning and improves efficiency

- **eZono is a trademark of eZono AG**

The eZono™ 3000 is fabricated by StimPro B.V.
**eZono™ 3000 Specifications**

- **System**
  - Weight: 4.4kg
  - 2106 x 801 x 302 mm
  - 2x USB 2.0 ports, 1 Express Card port, built-in 4 GB internal memory
  - 100-240 VAC, 50-60Hz power supply
  - Italian, Polish, Portuguese, Spanish, Turkish

- **Display**
  - 24-bit and 60 million colors
  - 2x 4.6” color displays

- **Software**
  - Icon-based graphical user interface via touch screen
  - Proprietary operating system

- **Ultra Sound**
  - B-Mode
  - 100-240 VAC, 50-60Hz power supply

- **Image Transfer**
  - USB stick

- **Internal Storage**
  - Up to 30,000 images or 30 minutes

- **Clinical Pre-sets**
  - Ultrasound Basics: B-mode scanning, Color Doppler, Needle Placement, Ultrasound Basics: B-mode scanning

- **Power**
  - 100-240 VAC, 50-60Hz power supply

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**Continuous Block Sets**

- **StimPro**
  - Needle set + Catheter set + Stimulating or non-stimulating catheter
  - Continuous Nerve Block Sets add the components needed for continuous infusion blocks to the single injection block set
  - Includes the catheter set and a needle set

- **ContiStim**
  - Needle set + Catheter set + Stimulating or non-stimulating catheter
  - Continuous Nerve Block Sets add the components needed for continuous infusion blocks to the single injection block set
  - Includes the catheter set and a needle set

**EchoLong**

- **Echogenic tip catheter and StimPro needle**
  - Continuous Nerve Block Sets add the components needed for continuous infusion blocks to the single injection block set
  - Includes the catheter set and a needle set

**EchoBright**

- **Stimulating tip catheter and StimPro needle**
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**ProLong**

- **Needle set + Catheter set + Stimulating or non-stimulating catheter**
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  - Includes the catheter set and a needle set

**StimPro ProLong**

- **Combines a StimPro needle with the ContiStim Catheter Set**
  - Includes the patented Stingray catheter connector that provides a flush fit when closed securely on the catheter and has a full profile to enhance patient comfort

**EchoLong® ProLong**

- **Stimulating or non-stimulating catheter**
  - Continuous Nerve Block Sets add the components needed for continuous infusion blocks to the single injection block set
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Life-Tech offers an expanding line of Peripheral Nerve Block Educational Products

Landmarks Book

- Lavishly illustrated
- Provides detailed information on landmarks, anatomical considerations and ultrasonographic techniques
- Includes 19 different nerve blocks.

Part # AB2

Contact:
888 548 4462
info@I-MA.com
www.I-MA.com

for additional information on these and other Peripheral Nerve Block products.
Landmarks Book

MiniSim Interactive Ultrasound Guidance Simulators

Realistic

- Includes 19 different nerve blocks and anatomical considerations and ultrasonographic techniques
- Provides detailed information on landmarks, ultrasound images of all internal anatomical structures associated with peripheral nerve blocks

Compact & Affordable

- Small desktop platform is ideal for workshops
- Very economical
- Capable of withstanding multiple needle punctures

Interactive Simulators

Upgradeable

- Optional USB interface available for each unit provides connection to a peripheral nerve location using Windows® based computer and use of proprietary peripheral nerve block training software
- USB Software includes:
  - Anatomical modeling
  - Neural stimulation
  - Ultrasonic visualization

MiniSim Specifications

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MiniSim Package Options

- Option to purchase a variety of additional products
- Contact Life-Tech, Inc. for more information

Please contact Life-Tech, Inc. at www.life-tech.com or 1-866-201-9961 for additional information on these and other Peripheral Nerve Block products.

Innovations for Peripheral Nerve Block Anesthesia...

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eZono™ 3000 Portable, Regional Anesthesia Focused Ultrasound System

Peripheral Nerve Block Needles, Catheters and Stimulators

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- Nerve stimulation
- Ultrasound visualization

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The MiniSim generic trainer provides realistic ultrasound images of all internal anatomical structures associated with peripheral nerve blocks.

**Compact & Affordable**
- Small desktop platform is ideal for workshops
- Very economical
- Small desktop platform is ideal for workshops
- Battery operated Nerve Proximity Indicator provides audible and visual indication of needle tip to nerve proximity.

**Upgradable**
- Optional USB interface available for each unit provides connection to a peripheral nerve block training software
- USB Software includes:
  - Windows® based computer and use of proprietary peripheral nerve block training software
  - Optional USB interface available for each unit provides connection to a peripheral nerve block training software

**MiniSim Specifications**

**MiniSim Package Options**

**MiniSim Interactive Ultrasound Guidance Simulators**

**Life-Tech offers an expanding line of Peripheral Nerve Block Educational Products**