



Version
mT-GLS

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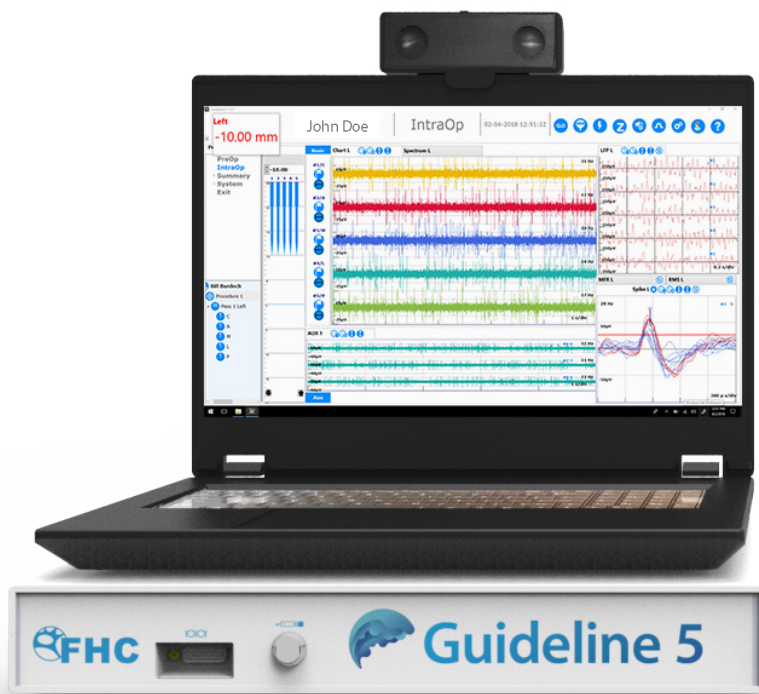
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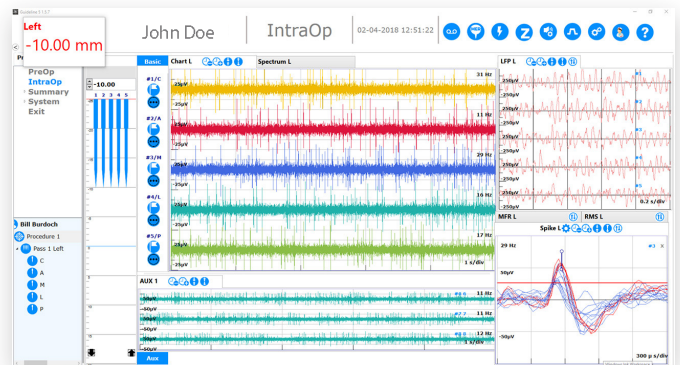
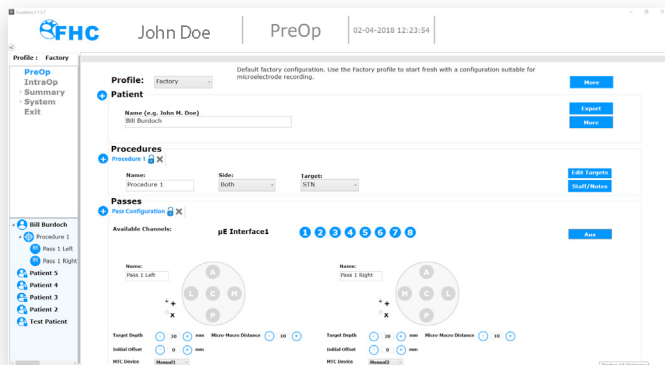
Guideline 5

FHC's Next Generation Neuromodulation System

Performance – Intuitive, Integrated & Individualized



**Interfaces include clamp to mount on customer-supplied IV pole*



For the Medical Professional:

- Streamlined user interface for intuitive ease of use and a quick start.
- Signal interface placement adjacent to sterile field allows for shorter lead length and improved noise performance, with pole-mounting option suitable for any OR setup.
- Ergonomically designed remote to control application and amplitude of stimulation current along with operation of optional integrated microTargeting™ Drive Power Assist Motor.
- 8 channels (expandable to 16) of simultaneous microelectrode and low frequency recording with advanced current steering stimulation capabilities.
- Software features streamlined, touch-enabled user interface for intuitive use:
 1. PreOp screen for setting up a new patient and mapping electrode trajectories
 2. IntraOp screen that provides a wealth of real time display information, control of stimulation and collection of neuron classification, efficacy and side-effect observations.
 3. Summary screen offers full procedure reporting and data export for offline analysis

For the Hospital:

- System delivery and installation by experienced FHC support staff includes a full day of in-depth training.
- Standard one-year warranty with 24-7 phone support is included. Extended warranty options and on-site annual maintenance contracts also available.
- Guideline 5 modular design and FHC's dedicated support staff allow for replacement of components in as little as 24 hours.



The Guideline 5 is FHC's next generation neuromodulation targeting system designed for both clinical and research applications. The system efficiently supports functional neurosurgery programs that address movement disorders, epilepsy, pain, and psychiatric disorders. New features allow you to maximize your micro and macro electrode channel count with expanded connection options and improved analytical tools.

The modular system may be purchased in a variety of configurations for your specific neurosurgical procedure needs. Options range from an entry-level base system for new DBS programs to integrated powerful systems for advanced centers of excellence that require additional features such as supplemental auxiliary channels for LFP, ECoG, and SEEG; general purpose digital inputs and outputs; and advanced visualization options.

From FHC – Your Trusted Neuro Surgical Partner

FHC, Inc. has served the neuroscience community since 1970 in its mission to advance cranial microTargeting™ worldwide. With a guiding principle of innovation through collaboration, FHC designs, manufactures, and internationally markets products that provide customizable, pioneering solutions for neuroscientists, neurologists, and neurosurgeons. FHC is headquartered in Bowdoin, Maine and operates globally with locations in Pennsylvania, South America and Europe.

More Channels, Enhanced Analysis, and Customizable Modular Design

Core Module

- Supports single or dual interface configurations
- Optional integrated microTargeting™ Controller and Power Assist Motor for FHC STar™ Drive
- Optional external synchronization unit



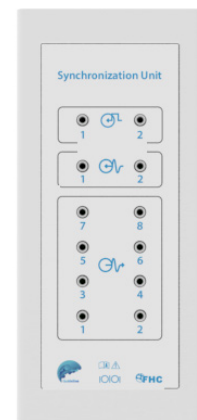
UE Interface

- 8 channels with simultaneous micro and macro electrode recording and stimulation
- 1.5m or 3m active shielded leads



LF Interface

- 8 channels for recording LFP, EEG and ECoG signals
- Secondary connector for recording or stimulating up to 8 DBS lead contacts



Synchronization Unit

- Additional functions for research applications
- Analog output of all 8 UE channels
- Two digital inputs for external event synchronization
- 32 digital I/O expansion port for custom applications

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