

Spring 2018

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CEO CORNER

Hello and welcome to the Pulse!

In the Pulse's Winter 2018 edition of CEO Corner, **CLICK HERE** to read, I discussed Rhythmlink's recent introduction of our MR Conditional Quick Connect System. Our Quick Connect system is an FDA cleared MR Conditional electrode system for 1.5 and 3T MRIs offering a new design for quick and efficient disconnection and reconnection of electrodes without removal of the electrodes from the patient for MR or CT imaging. **CLICK HERE** to read more about our new MR Conditional Quick Connect System.

Over the past three months the response to our product has been overwhelming which I believe is a credit to the collaborative work of our product development team, our clinical partners and our customers. That teamwork has produced a product that meets clinical and end-user needs and fills a huge gap in the continuous EEG and brain monitoring space. Due to the positive response we have been hard at work ramping up our supply chain and manufacturing to handle the number of requests for the product now and into the future.

We've also had a tremendous response to our customization options. If our off-the-shelf options need some changes to work better for your clinic please don't hesitate to ask. In the past three months we've already helped out almost 20 facilities with customized Quick Connect configurations. More and more custom configuration requests keep coming in...don't hesitate to contact us to see what we can do to help. If you'd like to learn more about our custom products **CLICK HERE**.

In the last issue I also mentioned a recent patent that we licensed from Dignity Healthcare. This patent, along with at least four other patented technologies, is incorporated into new technologies and products that we are close to releasing to the market. These products focus on quickly and easily connecting patients to machines to continuously record EEG to detect or screen for seizures and other conditions. You may be familiar with our PressOn electrode technology and we are excited to soon be able to present the 2nd generation of the PressOn electrode and applicator. **CLICK HERE** to learn more about our PressOn Electrodes. Stay tuned for more news!

Sincerely,

Shawn Regan
Co-Founder and CEO
Rhythmlink International, LLC.



RhythmLink's Ever Growing Line of IONM Products

RhythmLink's extensive line of Intraoperative Neuromonitoring devices includes Stimulating Probes, Subdermal Needle Electrodes, Sticky Pad Surface Electrodes, PressOn Electrodes and Alligator Clips. We are always adding new products to our IONM line, some of the newest being our **Twisted Corkscrew Needles** and **Custom Needle and Sticky Pad Electrode** packs.

All of our IONM products are 100% disposable and provide the quality you'd expect, along with the comfort your patient needs.

Our line of IONM Products includes the following:

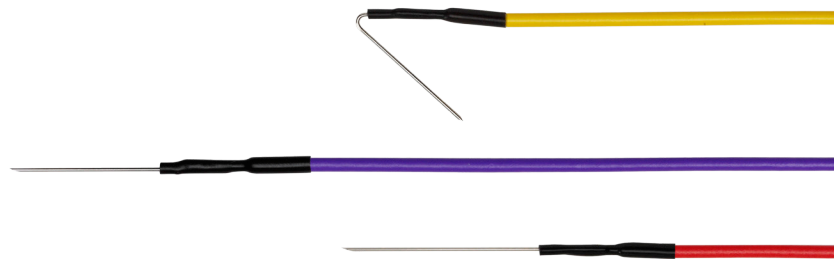
Disposable Stimulating Probes

- Standard Ball Tip Probe
- Tapered Ball Tip Probe
- Standard Monopolar Probe
- Extended Monopolar Probe



Subdermal Needles

- Single Needles
- Paired Needles
- Corkscrew Needles
- Bent Needles
- Twisted Needles



Sticky Pad Electrodes

- Ground Sticky Pads
- Stimulating Sticky Pads
- Recording Sticky Pads

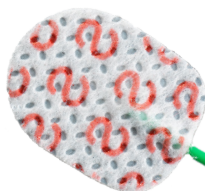
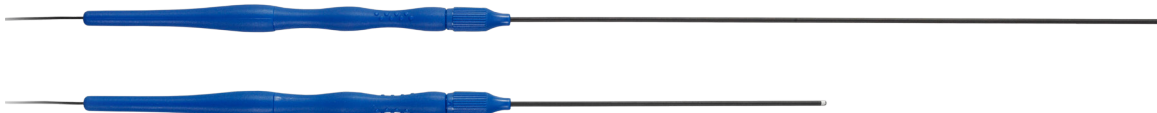


PressOn Electrodes



Alligator Clips

To learn more about our IONM products visit us online at RhythmLink.com. If you'd like to try samples of our products please contact our sales team at sales@rhythmLink.com or call 866.633.3754. Our sales team is always there to answer any questions you may have and can help you place an order today!



Rhythmlink's Upcoming Trade Shows

Rhythmlink will be attending the following upcoming Trade Shows:

California ASET Chapter Annual Meeting

April 27-29

Newport Beach, California

ICCN (replacing ACNS Winter Meeting)

May 1-6

Washington, DC

Florida ASET Chapter Annual Meeting

June 15-17

Clearwater Beach, Florida

Upcoming Office Closing

Rhythmlink office will be closed the following days:

Memorial Day

Monday, May 28



Is MRI Becoming A Standard in Your IONM?

MRI is increasing in its use in IOM, not only for planning of the case but during the case. Intraoperative magnetic resonance imaging (iMRI) is a procedure to create images of the brain during surgery. Neurosurgeons rely on iMRI technology to create accurate pictures of the brain that guide them in removing brain tumors and other abnormalities during operations.

Advantages of iMRI

Though doctors use imaging tests to plan brain surgery, real-time images created with iMRI are crucial to:

- Locate abnormalities if the brain has shifted. The brain often shifts during surgery, which makes pre-surgical imaging no longer exactly precise. Imaging with iMRI during the operation gives surgeons the most accurate information.
- Distinguish abnormal brain tissue from normal brain tissue. It can be difficult to distinguish the edges of a brain tumor and separate normal tissue from abnormal tissue. Imaging with iMRI during surgery helps confirm successful removal of the entire brain tumor.

Intraoperative MRI allows surgeons to achieve a more complete removal of some brain tumors. For this reason, iMRI has become the standard of care for operations to remove certain brain tumors.

How iMRI works

MRI uses a magnetic field and radio waves to create detailed images of the organs and tissues in your body. MRI is especially helpful for imaging the brain. To utilize MRI technology during surgery, doctors use special imaging systems and operating rooms, including:

- Portable iMRI devices, which are moved into the operating room to create images
- Nearby iMRI devices, which are kept in a room adjacent to the operating room so that doctors can easily move you to the adjacent room for imaging during your surgery

At certain points in your operation, the surgeon may request imaging with iMRI. When and how often iMRI images are created during surgery depends on your procedure and your condition.

Uses for iMRI: Doctors use iMRI to assist in surgery to treat:

- Brain tumor
- Dystonia
- Epilepsy
- Essential tremor
- Glioma
- Neuropsychiatric disorders
- Parkinson's disease
- Pediatric brain tumors
- Pituitary tumors

For information or samples of RhythmLink's FDA Cleared MR/CT Conditional Electrodes please contact us at sales@rhythmink.com today!

Excerpt from the following article: <https://www.mayoclinic.org/tests-procedures/intraoperative-magnetic-resonance-imaging/about/pac-20394451>

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