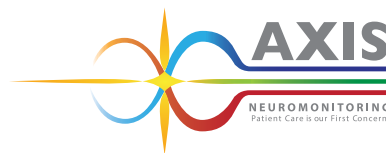


## WHAT IS NEUROMONITORING?

“Intraoperative neurophysiologic monitoring (IONM) and testing are medical procedures that have been in standard practice for almost 30 years. The procedures allow monitoring of neurophysiologic signals during a surgical procedure whenever the neuroaxis is at risk as a consequence of either the surgical manipulation or the surgical environment. IONM is an umbrella monitoring term and includes electroencephalography (EEG), cranial nerve evoked potentials (EP), brain-stem auditory EPs (BAEP), motor EPs (tceMEP), somatosensory EPs (SSEP), nerve conduction, and electromyography (EMG) signals.”

— AAN (American Academy of Neurology)



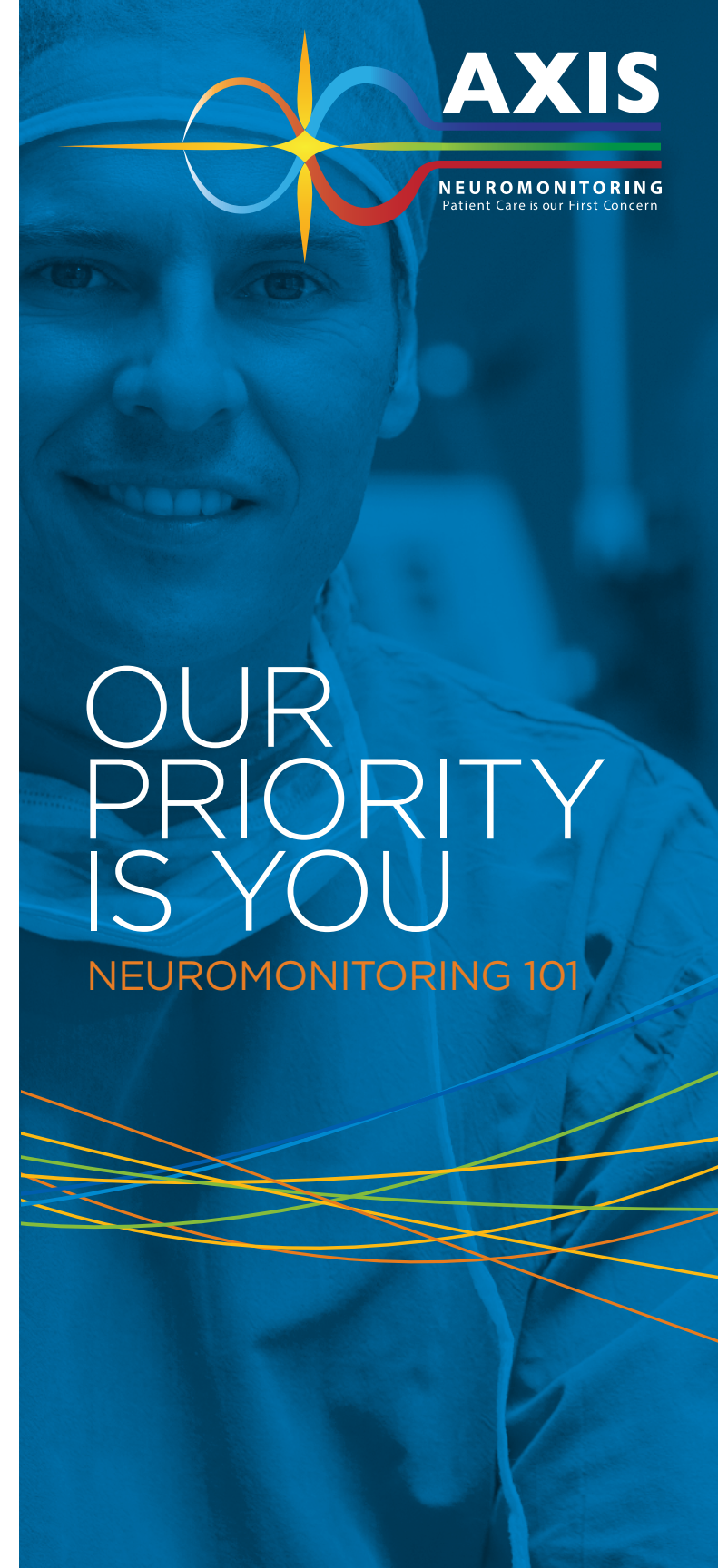
### AXIS NEUROMONITORING, LLC

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# OUR PRIORITY IS YOU

NEUROMONITORING 101



## WHAT SETS US APART FROM THE OTHERS?

Our priority is you, the patient. AXIS Neuromonitoring is dedicated to providing you experienced and caring staff members. Our board certified or board eligible END technologist is right there with you. For any issue that may arise, our technologist and interpreting physician can communicate instantly to the surgeon. These two staff members work hand in hand during the entire procedure.

We will take a brief medical history before you go into the operating room and answer any questions you may have about our service. Our technologist will then place a series of electrodes at several points along your nerve pathway. Some electrodes will have small needles which will be placed in the operating room when you are asleep. All of these electrodes will be collecting data during the surgery which is sent to our physician to review and analyze in real-time. We are watching over you so that you can rest easy during your procedure.

## WHY NEUROMONITORING?

Your body has its own electrical system. This electrical system is a combination of specific neuro pathways (neuroaxis or nervous system) each with its own distinct neurological responses. During many types of surgeries, the surgeon may be repairing or coming near your neural pathways. AXIS Neuromonitoring monitors your neurological responses while you are in the operating room, transmitting this data to a physician who specializes in interpreting it. We immediately communicate to the surgeon if there are any changes to your responses. This real-time feedback gives the surgeon vital information to take corrective steps and achieve the best possible outcome for your surgery.

## QUESTIONS YOU MIGHT HAVE BEFORE SURGERY.

**Q** Who performs the Intraoperative Monitoring?

**A** A minimum of two staff members work together to perform the Intraoperative Monitoring for your procedure. The first is an electroneurodiagnostic technologist (ENDT) who is with the patient in the operating room.

The other is a physician specializing in data interpretation via real-time internet monitoring. Both are attentive to the patient throughout the entire procedure.

**Q** Will there be any evidence or pain from neuromonitoring?

**A** There will be no pain to the patient during or after neuromonitoring. Some of the electrodes have very small needles which are associated with your neural pathways through the skin while you are in the operating room under anesthesia. Occasionally upon removal a tiny scab will form where the electrodes have been. These will wash away easily with a gentle moist cloth.

**Q** Who requested IONM for my surgery?

**A** Your surgeon has requested our services to assist him/her in achieving the best possible outcome for your procedure.



### Questions?

If you have any questions or concerns or would like an update on the billing process, our patient-care advocate team is available to assist you. Please contact us at **888.344.2947, EXT 3** or email us at [billing@axisneuro.com](mailto:billing@axisneuro.com)

Visit us at [axisneuro.com](http://axisneuro.com)

