Clinical Applications

- Evaluate cerebral function
- Identify neonatal seizures and monitor the effects of treatment
- Early assessment of outcome after a brain injury (HIE, IVH or stroke EEG)
- Early identification of pre-term brain injury
- Early evaluation of cerebral maturation

The NICU Solution

- Single USB cable for amplifier and camera aids simple setup
- Continuous impedance check alerts to loose electrodes or high impedance
- Color-coded non-proprietary inputs enable quick setup and support any electrodes: needles, surface electrodes, or caps
- Easy to use software with touchscreen options
- Get visual and audible notifications of major events
- Expand the channel count on-the-fly
- Network patient data for real-time remote review (optional)

Arc Essentia is a compact, flexible solution to accurately measure, analyze and report brain function in the Neonatal ICU.
NEONATAL BRAIN MONITORING
Critical Care for your most delicate patients

With the Sentinel Monitoring Station, from one central computer you can:
- Monitor multiple patients
- Receive audible and visual event notifications
- Control cameras
- Enter events
- View and review EEG and video

Build the system you need:
- Flexible configurations include wall-mounting and cart-based systems
- Add EKG, oximetry, and respiration to view sleep patterns
- Remotely monitor neonatal patients from outside the NICU with CadLink

Improve care and capture important information in the NICU with optional Synchronized Q-Video

- Two views of the neonate with one camera
- Detect subtle movements in Q-Video with accented colors on the video so you don’t miss seizures or abnormal movements
- Display video in a separate window or monitor
- Add video screen capture and trace images to reports