

For Immediate Release:

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Nonin Medical Introduces Next-Generation Regional Oximeter at Euroanaesthesia 2009

Minneapolis, MN – June 8, 2009 – Nonin Medical, Inc., a leading innovator of noninvasive physiological monitoring solutions, introduced its Model 7600 Regional Oximetry System at the European Society of Anaesthesiology (ESA) conference in Milan, Italy. Designed for instantaneous signal acquisition, improved accuracy and consistency during cerebral monitoring, the Model 7600 offers real-time management of cerebral oxygenation for patients at risk of ischemia.

The Model 7600 integrates Nonin's EQUANOX™ near-infrared spectroscopy (NIRS) regional oximetry technology to measure the balance of oxygenated and deoxygenated hemoglobin (HbO₂ and Hb) in the cerebral cortex. The Model 7600's innovative sensor design effectively removes surface tissue effects that can influence measurement accuracy — while three-wavelength technology reduces the sensitivity to patient physiological differences. These advancements improve accuracy, repeatability and efficiency by eliminating possible measurement variations resulting from repositioning or replacing the sensor.

EQUANOX's accuracy proved superior to conventional NIRS cerebral oximetry in validation testing at Duke University, Durham, NC, with an A_{RMS} of 2.7 (trending data) relative to jugular bulb measurements (SjvO₂). "The Nonin regional oximeter with EQUANOX technology and cerebral sensor provides an accurate measure of trends in cerebral oxygen saturation," said David MacLeod, F.R.C.A., Department of Anesthesiology, Duke University Medical Center.

With over 20 years of signal processing and NIRS sensor design expertise, Nonin's innovative technologies enable clinicians to accurately monitor a patient's true condition in the most challenging environments. The progression into regional oximetry is a natural step for Nonin and expands the reach of their proven monitoring solutions in an effort to provide clinicians with a more effective tool for identifying and preventing cerebral oxygen desaturation complications before they occur. For more information, go to www.noninequanox.com.

About Nonin Medical Inc. - www.nonin.com

Minneapolis-based Nonin Medical, Inc. is a privately owned company specializing in the design and manufacturing of noninvasive physiological monitoring solutions. Nonin distributes its products to health professionals in more than 125 countries and has over 100 OEM partners worldwide. Nonin's industry-leading capabilities in signal processing and sensor design are the foundation of its leadership in innovation.