SOMANETICS ENTERS INTO DISTRIBUTION AGREEMENT WITH
PERFUSION RESOURCES NETWORK

TROY, Mich. -- October 22, 2001 -- Somanetics Corporation (Nasdaq: SMTS) announced today that it has entered into a distribution agreement for its INVOS® Cerebral Oximeter patient monitoring system with Perfusion Resources Network (PRN), a Texas-based cardiopulmonary product management company. Through its unique partnership with hospitals and perfusionists, PRN currently provides cardiopulmonary disposables and capital equipment for use in more than 130 hospitals each year. PRN will represent Somanetics in select territories, incorporating the INVOS Cerebral Oximeter into its customized open heart kits. PRN also will provide the INVOS Cerebral Oximeter system as a stand-alone product offering.

Somanetics’ INVOS Cerebral Oximeter patient monitoring system is the only patient monitoring system, commercially-available in the U.S., that noninvasively and continuously monitors changes in the regional blood oxygen saturation in the brain.

The Cerebral Oximeter provides information by noninvasively transmitting and detecting visible and near-infrared light through SomaSensors®, single-use sensors that are placed on both sides of a patient’s forehead. Use of the patient monitoring system in procedures such as coronary artery bypass graft and carotid endarterectomy surgeries, where patients are at risk of brain oxygen imbalances, can help medical professionals monitor changes in regional brain blood oxygen saturation and take corrective action. Such action can prevent or reduce neurological injuries related to surgery and other critical care situations and reduce the associated cost of care.

“We initiated our relationship with Somanetics because our clinician customers requested the availability of this advanced-technology brain oxygen monitoring system for use in open heart surgeries,” said Richard Gray, president of PRN.

“Our clinician customers strive to provide ‘better bypass,’ that is, to utilize emerging technologies as a means to achieve the best clinical result for the patient during bypass surgery. We believe Somanetics’ INVOS technology is a significant component of better bypass, because of the real-time information it provides relative to cerebral perfusion and patient status. The latest literature shows that the use of cerebral oximetry to monitor brain blood oxygen saturation, and maintain it at adequate levels, is an inexpensive way to provide patient benefits, including a reduction in neurological complications, renal failure, patient hospital and ICU length of stay, and to lower overall costs,” he said.

Recently, we arranged for the placement of INVOS monitors within a cardiac program, and we now provide SomaSensors in every custom open heart kit we deliver to that hospital. As a matter of fact, many of our clinicians would like to incorporate the use of the INVOS system as a standard of care on each open heart procedure they perform,” said Mr. Gray.

About Perfusion Resources Network

PRN is a multi-vendor cardiopulmonary product management company that enjoys a preferred-vendor relationship with a number of industry-leading cardiovascular and general surgery product manufacturers including Medtronic, Terumo and Edwards Lifesciences. PRN provides capital equipment, cardiopulmonary disposables, cannulae and surgeon/procedure specific custom packs to open heart programs. As part of their services, PRN also offers customized multi-vendor kit assembly and delivery solutions, inventory management, purchase order and invoice consolidation and a centralized call point for cardiopulmonary product ordering.
About Somanetics

Somanetics manufactures and markets the INVOS Cerebral Oximeter patient monitoring system, the only noninvasive and continuous monitor of changes in regional oxygen saturation of the blood in the brain of an individual commercially available in the U.S. Somanetics also is developing the CorRestore™ patch for use in cardiac repair and reconstruction, including a procedure called Surgical Anterior Ventricular Endocardial Restoration, or SAVER, a treatment for patients with certain types of congestive heart failure.

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