

Frost & Sullivan Recognizes OmniSonics' OmniWave™ as Mechanical Thrombectomy Technology Innovation of the Year

San Francisco, Calif. — March 16, 2005 — Frost & Sullivan will present OmniSonics Medical Technologies, Inc., with the 2005 Medical Thrombectomy Technology Innovation of the Year Award in acknowledgement of the company's novel OmniWave™ Technology platform for the treatment of vascular occlusive disease at tonight's Excellence in Medical Devices & Healthcare Awards Banquet.

The OmniWave Technology Platform forms the technical basis of the Resolution® System, the first mechanical thrombectomy device designed to use acoustic energy to resolve occlusions that occur in hemodialysis access grafts and as a result of coronary artery disease, deep vein thrombosis and peripheral artery disease. The device, consisting of a thin, titanium wire that is placed into a clogged graft, artery or vein, delivers low power, acoustic energy to resolve blood clots into minute particles, approximately the size of red blood cells.

“The Resolution System has distinct advantages over other thrombolysis treatments in being highly effective at quickly and safely removing blood clots without adjunctive therapies,” says Frost & Sullivan research analyst Miriam Nagel. “Moreover, this therapy is delivered using standard interventional techniques.”

Currently, the Resolution System represents an effective mechanical thrombolysis treatment for blood clot removal in thrombosed hemodialysis access grafts, an application for which it has received marketing clearance in the U.S. The Company expects to file for FDA clearance of a second generation product later this year, followed by a U.S. product launch. In addition, the Company plans to commence a clinical study to treat deep vein thrombosis in 2005. The Company also plans to develop the technology to treat peripheral arterial and coronary vascular diseases.

OmniWave Technology is protected by more than 18 issued U.S. patents, and an additional 90 patents are pending globally.

“Acoustic energy has been used to remove cataracts and bone cement in joint replacement surgery, but endovascular applications were limited because the acoustic energy could only be delivered in a forward motion through a large-diameter, stiff probe,” said Richard Ganz, OmniSonics' President and CEO. “OmniWave Technology supplies acoustic energy 360 degrees around an extremely small diameter wire, making possible a broad range of endovascular indications well beyond the reach of previous acoustic technologies.”

Frost & Sullivan presents this Award each year to a company that has carried out new research, which has resulted in innovations that have brought or are expected to bring significant contributions to the market in terms of adoption, change, and competitive

posture within its industry. The Award recognizes the quality and depth of a company's research and development (R&D) program as well as the vision and risk-taking that enabled it to undertake such an endeavor.

Held in San Francisco, Frost & Sullivan's 2005 Excellence in Medical Devices Awards Banquet honors world-class companies for their outstanding performance and achievements in the medical devices industry. An annual event, the banquet recognizes the quality and merit of distinguished individuals and companies.

About OmniSonics Medical Technologies, Inc.

OmniSonics Medical Technologies, Inc., based in Wilmington, MA, is a privately-held medical device company focused on bringing breakthrough products for vascular disease to market. The Company's device, the Resolution System, is based on its patented OmniWave Technology platform, the first technology that enables the delivery of acoustic energy over an entire active length of a small diameter wire to clear occluded blood vessels. OmniWave Technology is designed to have broad applications in peripheral and coronary vascular occlusive conditions, which afflict millions of people worldwide. In the U.S., the Resolution System is currently approved for the treatment of thrombosed hemodialysis access grafts.

For more information, please visit the OmniSonics website at www.omnisonics.com.

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