

## SPO MEDICAL EXPANDS PROFESSIONAL PRODUCT OFFERING

New York, NY – May 28, 2009. SPO Medical Inc. ([SPOM](#)), a leading developer of biosensor and microprocessor technologies for use in portable monitoring devices, announced today that it has expanded its product offering for the hand-held SPO Medical PulseOx 6100™ device with the introduction of a new pediatric sensor. The pediatric sensor is designed to further enhance applications of the product in the professional medical sector. In addition, the PulseOx 6100™ now supports the Six Minute Walk Test (“6MWT”) which is widely used for preoperative and postoperative evaluation and for measuring the response to therapeutic interventions for pulmonary and cardiac disease.

Michael Braunold, President and Chief Executive Officer of SPO Medical commented: “By expanding our sensor offerings with the hand-held PulseOx 6100™ we are now able to cover a broader range of adult and pediatric patient population. The new sensor has been designed to be soft and comfortable with an ergonomic thimble to ensure accurate readings with pediatrics for spot monitoring of vital signs. In addition, the new 6MWT application will enable the PulseOx 6100™ to be used in the rapidly expanding field of rehabilitation for identifying functional exercise capacity in both adults and pediatrics”.

The PulseOx product line, which includes the hand-held PulseOx 6100™ and pulse oximetry sensors continues to be the primary revenue generator for the Company with cumulative gross sales revenue to date of approximately US\$14 Million since introduction. Mr. Braunold continued: “We hope our new expanded product offering on the PulseOx 6100™ will further stimulate sales particularly in the professional medical market”.

### About SPO Medical:

SPO Medical ([SPOM](#)) a leading developer of biosensor and microprocessor technologies for use in portable monitoring devices to capture life-saving and life-enhancing information within four key markets: medical care; home and remote-care; sports and wellness; and safety and security. Its patented technology uses information gathered from the reflectance of light on the human blood stream, in a non-invasive manner, to monitor key vital signs. The Company distributes its products through a network of distributors and also licenses its technologies to appropriate client corporations for commercialization and distribution. For more information, visit [www.spomedical.com](http://www.spomedical.com) and [www.spobaby.com](http://www.spobaby.com).

### Forward Looking Statements:

*This press release contains forward-looking statements that involve substantial uncertainties and risks. These forward-looking statements are based upon our current expectations, estimates and projections about our business and our industry, and that reflect our beliefs and assumptions based upon information available to us at the date of this release. We caution readers that forward-looking statements are predictions based on our current expectations about future events. These forward-looking statements are not guarantees of future performance and are subject to risks, uncertainties and assumptions that are difficult to predict. Our actual results, performance or achievements could differ materially from those expressed or implied by the forward-looking statements as a result of a number of factors, including but not limited to, market acceptance of our products and new product applications, revenues assessments, changes in economic conditions generally and the medical devices market specifically, changes in technology, legislative or regulatory changes that affect us, the sufficiency and availability of working capital, the introduction of competing products, changes in our operating strategy or development plans and the risks and uncertainties discussed under the heading "Risk Factors" in Item 1 of our Annual Report on Form 10-K for the fiscal year ended December 31, 2008. We undertake no obligation to revise or update any forward-looking statement for any reason.*

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