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A Photon Migration Technologies Company



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health



National Institutes of Health Commercialization Assistance Program (NIH-CAP)

Company Profile

Industry Sector: Medical Imaging Systems

Company Overview: NIRx Medical Technologies, the founder of NIRS tomography, has developed proprietary technology that provides a new tool to explore the inner workings of the brain. We are an emerging company that has established key elements of a comprehensive product line that allows investigation of a wide range of normal and abnormal brain activity. Our near term goal is to expand company infrastructure to meet the growing world-wide demand for our products.

Target Market(s): Major scientific research centers worldwide.

Key Value Drivers

Technology: We have introduced an Enterprise Level Solution for the investigation of brain function using NIRS technology. Our diverse and comprehensive product line provides a more flexible and economical approach to explore basic mechanisms of learning, memory, and other everyday activities, aid in diagnosis of behavioral disorders and for the monitoring of traumatic brain injury.

Competitive Advantage: We are the leaders in innovation in the NIRS field. This has produced an expansive patent estate, a diverse product line and a highly successful record in obtaining government grant support. Being the first to market with a comprehensive solution, we have carefully regarded our reputation as the leading scientific partner to the NIRS community. Through careful fiscal management, we have achieved these successes with no debt, resources to sustain operations for at least two years and have operational capabilities in Europe.

Plan & Strategy: We are seeking \$4 million in capital to build out infrastructure that will allow for a larger scale manufacturing, product enhancement, distribution, service, and client support and to expand patent enforcement.

*Technology funded by the NINDS and being commercialized under the NIH-CAP.

Management

Leadership:

Randall Barbour Ph.D., Founder and CEO

Douglas Maxwell, CFO

Christoph Schmitz Ph.D., Managing Director of NIRx Germany

Yaling Pei Ph.D., Director of Software Engineering

Daniel Lee M.D., Medical Director

Scientific Advisory Board:

Randall Barbour, Ph.D., Professor of Pathology, SUNY Downstate Medical Center, Founder and CEO of NIRx Medical Technologies, LLC.

John DeLuca, Ph.D., Director of Neuroscience Research and Vice President for Research Training at Kessler Medical Rehabilitation, Research and Education Corporation, West Orange, NJ

Warren Grundfest MD, FACS, Co-Chair, Bio-Medical Engineering IDP, Professor of Electrical Engineering, Professor of Surgery, University of California at Los Angeles

Hellmuth Obrig MD, Professor of Neurology, Universitätsklinikum Charité, Berlin, Germany

Raphael Aronson, Ph.D., President, Photon Migration Technologies, Professor Emeritus, Polytechnic University, Brooklyn, NY

Product Pipeline	Early Stage Development	Testing	Beta-System	Commercial Product
Imaging Systems				
DYNOT Series (Compact, Standard, Tandem)				Currently Available
Digital Imagers			Product Launch 9/08	
Software				
NAVI, <i>dynaScan</i>				Currently Available
Anatomical FEM-Based Brain Models	Product Launch 7/08			
Measuring Heads				
Scaffolding Helmets				Currently Available
Silicone based conforming helmets			Product Launch 9/08	
Programmable Phantoms				
Anthropomorphic Models	Product Launch 8/08			