

## FOR IMMEDIATE RELEASE

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## COMMERCIALIZATION GRANT AWARDED TO TEST MIRADOR BIOMEDICAL'S COMPASS LUMBAR PUNCTURE DEVICE

*Dr. Julie Brown MD, MPH, Co-Director of Emergency Medicine Research at Seattle Children's Research Institute, Selected for \$150,000 Life Sciences Discovery Fund Award*

**Seattle, WA - July 20, 2010** – Mirador Biomedical, Inc. is pleased to communicate that the Washington State Life Sciences Discovery Fund (LSDF) has awarded Dr. Julie Brown, Co-Director of Emergency Medicine Research at Seattle Children's Research Institute, a \$150,000 grant to conduct a *Randomized Clinical Trial of Pediatric Lumbar Puncture Success using The Compass™, a Compact Quantitative Pressure Transducer*. Mirador Biomedical, developer of the Compass family of medical devices, is the collaborating organization.

The Life Sciences Discovery Fund's commercial grant competition promotes the translation of promising ideas or technologies from Washington's research sector into marketable products and services having the power to improve health, foster economic growth, and enhance life sciences competitiveness in Washington State. Dr. Brown's award was one of four awards selected from 12 proposals received. A panel of national experts convened by the American Association for the Advancement of Science evaluated the scientific and technical merit of the proposals, while a panel of commercialization experts assessed each proposal's

commercial potential and possible health and economic benefits. The LSDF Board of Trustees made the final award selections.

Lumbar punctures to extract a sample of cerebrospinal fluid (CSF) are used to diagnose meningitis, neurological diseases, and some cancers. They are common pediatric emergency department procedures that frequently require repeated attempts or are only partially successful. Measuring cerebrospinal fluid pressure during a lumbar puncture is recommended to improve success, but is rarely done, due to limitations of current technology. Mirador Biomedical's Compass Lumbar Puncture device is a new, disposable medical device specifically designed to provide a rapid opening pressure reading and to increase the success rate of lumbar punctures. A randomized clinical trial will compare the Compass against the current standard of care. The results from this study are expected to demonstrate the clinical utility of the Compass device to the medical community.

"The Compass has the potential to improve current practice by increasing lumbar puncture success and providing valuable pressure information that is currently difficult to obtain," said Dr. Brown. "We look forward to engaging in research that may demonstrate the clinical value of this promising device."

"A lumbar puncture can be a traumatic event for a parent and child. With the Compass LP, we've tried to improve the procedure, which should benefit everyone involved – patients, parents, and physicians. With over one million lumbar puncture procedures performed in the United States every year, this could have a major impact," commented Dr. Justin Hulvershorn, Mirador Biomedical's Chief Science Officer. "We've worked closely with Dr. Brown during development of this device, and we look forward to the upcoming trial."

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### **About Life Science Discovery Fund**

Governor Chris Gregoire and the Washington State Legislature created the Life Sciences Discovery Fund as an investment in the future of the life sciences sector in Washington. In May 2005, Governor Gregoire signed the Second Substitute Senate Bill 5581 establishing the Fund with a directive to "promote life

sciences research to foster a preventative and predictive vision of the next generation of health-related innovations, to enhance the competitive position of Washington State in this vital sector of the economy, and to improve the quality and delivery of health care for the people of Washington.” For more information, visit [www.lsdfa.org](http://www.lsdfa.org)

### **About Mirador Biomedical**

Mirador Biomedical is a privately held company founded in 2009 in Seattle, Washington to develop the Compass™ family of medical devices. During critical procedures, medical professionals need more than confidence – they need certainty. The second of two lead products, the Compass Lumbar Puncture, is a sterile, inexpensive, single-use device with an incorporated digital display designed to provide quantitative pressure measurements during spinal taps. The device integrates seamlessly with current procedural techniques and enables physicians to simultaneously view their hands, the patient and the pressure without additional cabling, operators or connections. For more information, visit [www.miradorbiomedical.com](http://www.miradorbiomedical.com).