

**FOR IMMEDIATE RELEASE**

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**MIRADOR BIOMEDICAL Receives 510(k) Clearance for Expanded Compass™ Platform, Launches Thoracentesis and Compartment Pressure Monitoring Products**

**Seattle, WA January 5, 2012**—Mirador Biomedical, Inc., a medical device company specializing in point-of-access pressure monitoring technology, announced today that it has received 510(k) clearance for an expansion of its Compass™ platform. The expanded Compass product platform includes devices for use during:

- Compartment Pressure Monitoring
- Thoracentesis
- Intra-Abdominal Pressure Monitoring
- Arterial Access, and
- Epidural Catheter Placement

The Compass™ is a single-use, inexpensive, digital pressure measurement device with integrated display designed to quickly and easily incorporate into procedural workflow, eliminating cumbersome cabling and capital equipment.

Dr. Justin Hulvershorn, Mirador's Chief Science Officer, commented, "The recently cleared indications, particularly the Compass Compartment Pressure, will have an immediate impact on patient care. Limb injuries sustained during traumatic events like car accidents or battlefield injuries often result in tissue swelling and elevated compartment pressures. If unrecognized, these high pressures can restrict blood flow and cause tissue death. The Compass Compartment Pressure offers orthopedic surgeons, emergency medicine physicians, and medics an easy-to-use tool to quickly measure the pressures in the affected limbs. Early identification of elevated pressures in these at-risk patients and subsequent intervention could have a major impact on outcomes, savings limbs and leading to faster recovery. We are encouraged by positive reports of device performance in Afghanistan by US military physicians, and are working closely with various military and civilian paramedic groups to make this technology available in pre-hospital settings.

Dr. Hulvershorn went on to say, "A point-of-use pressure reading can have similar benefits in other procedures. For example, in patients with certain types of cancer or heart disease, doctors may need to drain fluid (pleural effusion) from around the lungs (thoracentesis). Removal of too much fluid can result in dangerously low pleural pressure that has been linked to re-expansion pulmonary edema, a complication where the lungs fill with fluid, causing the patient to experience a life-threatening situation akin to drowning. The Compass allows physicians to easily monitor pleural pressure during thoracentesis in real-time, and in combination with clinical observation, could decrease the incidence of this dangerous complication. Pleural pressure measurement may also play an important diagnostic role when planning the management strategy for patients with recurrent effusions. We are currently collaborating with leading

academic centers to further explore the role for the Compass Thoracentesis in managing this patient population.”

“Our goal is to offer simple-to-use devices that make procedures safer, faster and easier. The Compass platform is being used in many hospital settings (like the ICU, the ER, and the OR), but also offers care providers working at the point-of-injury access to technology previously only available in the hospital. The expansion of the platform is a significant milestone for the company and will accelerate the commercialization of our products.” said Mirador CEO Karl Schmidt.

#### **About the Compass™ Platform:**

*The Compass™ Vascular Access:* attaches to standard needles and syringes during central venous, dialysis, port and sheath catheter insertion and provides pressure confirmation of needle tip, guidewire and catheter location. To help prevent devastating complications that arises from inadvertent arterial cannulations.

*The Compass™ Lumbar Puncture:* attaches to a spinal needle and provides an early indication of needle tip entrance into the CSF space and an instant opening pressure.

*The Compass™ Thoracentesis:* allows physicians to monitor pleural pressure, a key factor in optimizing fluid removal.

*The Compass™ Compartment Pressure:* attaches to standard needles and syringes and provides an immediate compartment pressure reading.

*The Compass™ Arterial Assist:* attaches to standard needles and provides an instant indication of arterial access; optimization of the pressure waveform helps ensure successful guidewire and catheter introduction.

*The Compass™ Epidural Assist:* attaches to standard epidural needles and syringes and provides a digital loss-of-resistance.

#### **About Mirador Biomedical**

Mirador Biomedical is a privately held company founded in 2009 in Seattle, Washington. Mirador is working with an exceptional group of physicians and scientists to develop and commercialize the Compass™ platform.

For more information, visit [www.miradorbiomedical.com](http://www.miradorbiomedical.com)

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