

## IlluminOss Medical Receives Boston's Museum of Science 2012 "Invented Here" Award

### ***Honored for Revolutionary Bone Stabilization System***

**East Providence, RI – September 22, 2012** – [IlluminOss Medical, Inc.](#), the company pioneering photodynamic orthopedic implants, announced today that it was selected as a recipient of Boston's Museum of Science's prestigious "Invented Here" award, presented in partnership with the Boston Patent Law Association. IlluminOss, one of three New England inventors honored for its achievements this year, was selected for its patented Bone Stabilization System, created by IlluminOss founder Robert Rabiner, along with principal mechanical design engineer Anthony O'Leary.

The groundbreaking IlluminOss Photodynamic Bone Stabilization System is an orthopedic system for minimally invasive stabilization and treatment of broken bones. The system fixes fractured bones from the inside out through a small entry. A flexible balloon catheter is inserted into the bone, placed across the fracture site, and infused with a proprietary liquid monomer. The monomer then expands the balloon to assist in the alignment of the fractured bone, and surgeons use a visible light source to illuminate it and convert it into a hardened polymer implant. The result is an exceptionally tough, customized orthopedic implant that provides strength and stabilization to the bone during the healing process and is intended to eliminate the need for traditional, inconvenient and painful methods of bone fixation with external pins, plates and screws.

"The Invented Here! Competition represents the region's passion for and dedication to innovation," said Ionic (Yannis) Miaoulis, president and director, Museum of Science, Boston. "It is the Museum's great pleasure to recognize each of the impressive honorees with this award as a testament to their contributions to the region's preeminence in science and technology and their commitment to transforming the nation's relationship with these critical fields."

Rabiner is the inventor on 33 issued patents, has over 70 patents currently pending and has led successful product and corporate enterprise launches, acquired and integrated new technologies, and directed external partnerships at a number of medical device companies. He has been a member of the World Economic Forum's Technology Pioneers Program since 2003 and is one of Fast Company's "Fast 50 Champions of Innovation" for his medical technologies.

O'Leary has a successful history of collaborating with Rabiner on innovative technological developments at multiple companies and is currently responsible for spearheading IlluminOss' conceptual ideas and overseeing its team of engineers in the testing and design of products.

"We are committed to developing versatile products that enable minimally invasive repair of bone fractures with faster healing time and fewer complications than traditional methods," said Rabiner. "We are pleased that the Boston Museum of Science and Boston Patent Law Association have collectively chosen to recognize our accomplishment with this award. This, along with compelling clinical proof we are gathering, validates that we are poised to have a significant impact on the worldwide market for the repair of fractures."

Invented Here! was developed to honor New England's newest and most innovative technologies that shape the way people interact with each other and with the world around them, fulfill important individual and/or social needs in novel ways, and ensure a more sustainable future for our environment. The 2012 award ceremony was held on September 20, 2012 at the Museum of Science, Boston.

#### **About the Museum of Science, Boston**

One of the world's largest science centers and Boston's most attended cultural institution, the Museum introduces about 1.5 million visitors a year to science, technology, engineering, and math (STEM) via dynamic programs and hundreds of interactive exhibits. Founded in 1830, the Museum was first to embrace all the sciences under one roof. Highlights include the Thomson Theater of Electricity, [Charles Hayden Planetarium](#), [Mugar Omni Theater](#), Gordon Current Science & Technology Center, 3-D Digital Cinema and [Butterfly Garden](#). Reaching 25,000 teens a year worldwide via the Intel Computer Clubhouse Network, the Museum also leads a 10-year, \$41 million National Science Foundation-funded Nanoscale Informal Science Education Network of science museums. The Museum's "Science Is an Activity" exhibit plan has been awarded many

NSF grants and influenced science centers worldwide. Its [National Center for Technological Literacy®](#)'s engineering curricula have reached 35,500 teachers and close to 3 million students nationwide. The Museum has also: been recognized by Boston and Cambridge for its energy and sustainability efforts; named an Employer of Choice by Work Without Limits, a Massachusetts disability employment initiative; is Yankee Magazine's "Best of New England Readers' Choice" for Cultural Attraction in Science; and is El Planeta's Best Tourist Attraction for the Massachusetts Latino population.

#### **About IlluminOss Medical**

<http://www.illuminoss.com/> IlluminOss Medical is a privately held medical device company dedicated to the development of minimally invasive orthopedic systems for the stabilization and treatment of bone fractures. The IlluminOss Photodynamic Bone Stabilization System utilizes a photodynamic (light-curable) polymer system designed to eliminate the need for traditional methods of bone fixation with external pins, plates and screws. The company has developed the IlluminOss Photodynamic Bone Stabilization System for treating fractures, and has CE Mark approval for the use of its product in low load bearing bones in the metacarpal, radius, ulna, distal radius, olecranon, clavicle and fibula. This product is not approved in the United States. The IlluminOss platform technology is presently being extended to applications in weight bearing bones, spine, sports medicine, cranial-maxillofacial fields and site-specific therapeutic drug delivery. Founded in 2007, IlluminOss is headquartered in East Providence, RI, and funded by Foundation Medical Partners, New Leaf Venture Partners, Mieza Capital, the H&Q Funds, Life Sciences Partners, SR One, Excel Venture Management, Pappas Ventures, and the Slater Technology Fund of Rhode Island.

For more information about IlluminOss Medical, please visit [www.illuminoss.com](http://www.illuminoss.com).