

For Immediate Release

**Clear Catheter Systems Announces
Publication of Pre-Clinical Data Demonstrating
Improved Drainage with the PleuraFlow Active Tube Clearance System**

BEND, Oregon - Clear Catheter Systems announced the publication of Pre-Clinical data in the May, 2010 edition of the *Interactive Cardiovascular and Thoracic Surgery Journal*. The study, entitled “Improved drainage with active chest tube clearance”, was performed at Cleveland Clinic’s Lerner Research Institute, under the Direction of cardiac surgery researcher, Dr. Kiyotaka Fukamachi and Dr. Marc Gillinov, staff cardiac surgeon at Cleveland Clinic and co-inventor of this technology.

The study evaluated the PleuraFlow, a novel active chest tube clearance system, vs conventional chest tubes. Chest tubes are routinely used to drain blood and other matter from the chest cavity after heart surgery.

“Clogging of the chest tube with blood in the setting of continued postoperative drainage can lead to complications and even death,” says Dr. Kiyotaka Fukamachi. “In the laboratory we are finding that active chest tube clearance improves drainage and reduced the degree of retained hemothorax compared to a standard chest tube.”

According to Edward Boyle, CEO of Clear Catheter Systems, “This is the first study to demonstrate that active chest tube clearance improved drainage compared to a standard chest tube of the same size.” The company is developing the PleuraFlow System, a chest tube that includes a proprietary active tube clearance mechanism for use after heart and lung surgery.

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Said Dr. Gillinov, “This study suggests that an active tube clearance system may provide clinicians with a better way to safely manage the growing number of patients with a tendency to bleed when on powerful antiplatelet agents and who need to maintain functioning chest tubes while their platelets are replaced in the early postoperative period.”

The company is currently applying for regulatory approval to market this device in North America and Europe.

About Clear Catheter Systems

Clear Catheter Systems (www.clearcatheter.com) is a medical device company located in Cleveland, Ohio and Bend, Oregon, developing proprietary medical tube clearance platform based on technology developed at Cleveland Clinic and MDI Partners, (www.mdipartnersllc.com). Clear Catheter’s ultimate goal is to develop its tube clearance platform to help make surgery safer for heart, lung and trauma patients, as well as in markets beyond cardiothoracic surgery.

About Cleveland Clinic Innovations

Innovations, the commercialization and innovation arm of Cleveland Clinic, promote innovation and are responsible for commercialization of all Cleveland Clinic technologies. CC Innovations advances product-oriented innovation and transforms promising therapies, devices and diagnostics into beneficial medical products, via spin-off companies, licensees and equity partnerships.

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