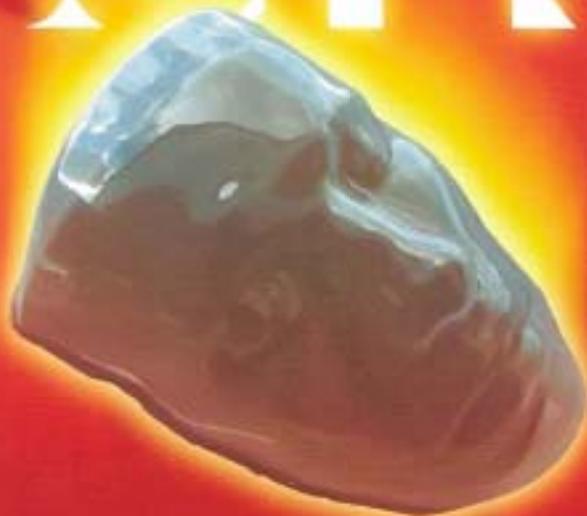


Today's Medical Developments

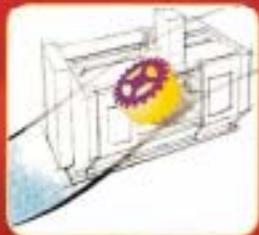
TMD

For Design, Manufacturing and Assembly of Medical Equipment and Devices
onlineTMD.com

September 2008



I/Gear Software's
Machine Integration



Jet Edge Inc.'s
High Rail Gantry



WALTER U.S.A. Inc.'s
Precision Boring Head



CLEAR CATHETER SYSTEMS GROWING

CLEAR CATHETER SYSTEMS, FORMERLY PLEURAFLOW, AN EARLY STAGE MEDICAL DEVICE COMPANY developing a proprietary medical catheter clearance platform, has completed a \$600,000 financing round. The financing was led by X Gen Ltd., a family venture fund based in Cleveland, OH. It also includes a grant from the Cleveland Clinic Global Cardiovascular Innovation Center (GCIC) initiative, which is backed by \$60 million from the State of Ohio's Third Frontier Project, a program to promote technical innovation and commercialization. BVC/CC, an angel group based in Bend, OR, also participated in the funding.

The funding will help Clear Catheter Systems develop its lead tube clearance product, the PleuraFlow System. The system will be used to prevent obstruction of surgical drainage tubes inserted after heart, lung and trauma

surgery. Such obstruction, or clogging, has long remained an unsolved problem in surgery, with implications for both patient safety and comfort.

"I have had patients say to me that the most memorable and painful part of heart surgery was the day their drainage tubes were pulled out," says Dr. Marc Gillinov, the Cleveland Clinic cardiothoracic surgeon who helped develop the PleuraFlow System. "We need to develop smaller tubes that drain the wound effectively, but do not hurt as much."

Gillinov serves as chairman of CCS's Scientific Advisory Board and as a consultant to the company.

"We are pleased to be collaborating with the Cleveland Clinic to develop and commercialize medical devices to improve outcomes after heart and other surgeries," says Dr. Edward Boyle, Clear



Catheter Systems' CEO. "Clear Catheter's innovative technology addresses a large unmet need for surgical patients, allowing surgeons to deliver care in a safer, more minimally-invasive fashion."

The company is also in the process of opening a Cleveland office to better facilitate its collaboration with the Cleveland Clinic, and to access other resources available to the Ohio medical device community.

"Clear Catheter Systems is doing exciting work and we are pleased to be involved in the continued development of the PleuraFlow System," says Mark Low, GCIC managing director. "Cleveland Clinic and GCIC are committed to expanding Ohio's economy, and we welcome this growing company to Northeast Ohio." clearcatheter.com