



RaPID™, a Revolutionary Way to Deliver Drugs Requiring Piggy-Back Flush

Application

- ◆ *Single-hand, single-motion, piggy-back drug delivery device*

Advantages

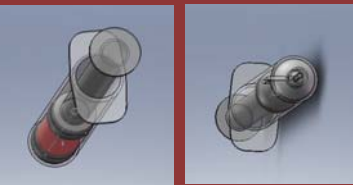
- ◆ *Designed for injectible drugs used in emergency medicine, cardiology and radiology requiring a piggy-back flush*
- ◆ *A dual-chambered syringe capable of point-of-care, radiopharmacy, specialty pharmacy or pre-filled use.*

Introduction

RaPID™ (Rapid Pharmaceutical Injection Device) addresses a pressing concern of quickly and completely injecting drugs requiring a saline flush to the appropriate organs. Under current techniques, nuclear and radio pharmaceuticals can contaminate used syringes or IV lines if not completely flushed. Emergency and cardiac drugs can be delivered in a chaotic setting where time is critical. RaPID™ simultaneously addresses both concerns by flushing toxicity and delivering the drug quickly to the appropriate organ.

Specifically addressed markets total nearly \$2.0 billion including captive segments such as radiopharmaceutical, cardiac and other related markets.

Geisinger is ideally suited as an alphasite to work with partners. Geisinger's Emergency Care, Radiology, and Cardiology are prepared to support clinical trial efforts. Geisinger has a centralized Clinical Trials Office managed by Dr. Peter Berger, an interventional cardiologist.



CONTACT



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About the Inventors

Cathleen Woomert, MD is a board certified radiologist with primary residence at Geisinger Medical Center in Danville PA. Her hospital privileges include Geisinger Medical Center, Geisinger Wyoming Valley Medical Center and Shamokin Area Community Hospital. Her clinical interests include cardiovascular imaging, mammography, body magnetic resonance imaging (MRI), and computed tomography (CT). She graduated from Penn State College of Medicine in 1987, completed her residency at the Milton S. Hershey Medical Center and became board certified in radiology in 1991, and completed her fellowship at the Milton S. Hershey Medical Center in 1992. She is a member of a number of professional societies including the Radiologic Society of North America, American Roentgen Ray Society, American College of Radiology, Society of Cardiovascular CT, North American Society of Cardiovascular Imaging, Pennsylvania Radiological Society and American Medical Association.

Dr. Woomert is prepared to direct clinical trials and/or clinical use evaluations as the primary investigator at Geisinger for FDA approval.

Dr. Woomert also works closely with nursing staff in nuclear and emergency medicine.



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Kevin Grimm, RN graduated from Lock Haven University in 1990 with a Bachelor of Science degree in Management Science. After working in that field for three years, Mr. Grimm matriculated into the Geisinger School of Nursing and graduated as a registered nurse. He was then hired in the intensive critical care unit at Soldiers and Sailor's Memorial Hospital in Wellsboro and Lock Haven Hospital's intensive critical care unit and emergency departments, where Mr. Grimm was awarded certifications in critical care nursing (CCRN) and as a pre-hospital RN (PHRN). In 2000 Mr. Grimm was hired by Geisinger Medical Center as a flight nurse for LifeFlight. In his spare time, he serves on Lock Haven Emergency Medical Services' Mobile Intensive Care Unit. He enjoys spending time with his wife Christina, daughter Courtney and sons Tyler and Nathan; riding motorcycles; flying airplanes; and building things.



CONTACT