

pittsburgh

imagine what you can do here.®

MEDICAL DEVICES

Regional Strengths

- Our thriving medical device industry experienced 48 expansions/relocations representing 2,700 jobs since 2002, including:
 - **MEDRAD, Inc.** – expanded both its manufacturing facility and global headquarters (\$70M, 900 jobs) in one year; locally boasts an *Industry Week* “best plant” (2006, 2007)
 - **Philips Respironics** – homegrown sleep/respiratory services innovator and now a division of Royal Philips Electronics, recently completed a \$120M expansion
 - **Renal Solutions, Inc.** – recently acquired for \$200M by global dialysis leader Fresenius Medical Care
 - **ClearCount Medical Solutions** – commercialized the innovative RFID SmartSponge™ System to help avoid surgical errors
 - **BeamOne LLC** – electron beam sterilization company, chose Pittsburgh for its new \$9M service center
- More than \$500M spent annually across the region in life sciences R&D (NSF, 2007); the University of Pittsburgh ranks 9th in total life science R&D expenditures
- **University of Pittsburgh Medical Center (UPMC)** – one of “America’s Best Hospitals” (*U.S. News and World Report*), supports cutting-edge commercialization ventures with industry leaders (IBM, Cerner, General Electric)
- 35 colleges and universities produce a strong talent pipeline with 1,100+ degrees awarded annually in relevant fields, including artificial intelligence/robotics; bioinformatics; biotech/biomedical/medical engineering; and computer, electrical and mechanical engineering

In Good Company
 Medical Device companies already growing here include ...

- ALung Technologies, Inc.
- BeamOne LLC
- Best nomos
- BioTronics, Inc.
- BodyMedia, Inc.
- CardiacAssist Inc.
- ChemImage
- ClearCount Medical Solutions
- DynaVox Mayer-Johnson
- Haemonetics Corp.
- McKesson Automation
- MEDRAD, Inc.
- Omnyx LLC
- Philips Respironics
- Precision Therapeutics, Inc.
- Renal Solutions, Inc.
- Thar SFC
- Thermo Fisher Scientific Inc.
- Xodus Medical
- ZOLL Lifecor Corporation

“BeamOne and the Pittsburgh region are a great match. Medical device manufacturers are locating here because the region is at a critical crossroads of life science and advanced manufacturing strengths. Now, these manufacturers will benefit from having device sterilization in close proximity. Shipping out of state for these services will no longer be required, which will save manufacturers money and move products to customers faster. BeamOne’s ability to process shipments and product configurations of all sizes providing flexibility and quick turnaround are definite value-adds that will strengthen the region’s medical device supply chain.”

- Glenn Thibault, President & CEO, BeamOne LLC

Innovative Collaboration

- **Quality of Life Technology Center** – an NSF Engineering Research Center and Carnegie Mellon University/ University of Pittsburgh R&D collaboration to improve the lives of aging and disabled individuals; commercialized spin-outs include NavPrescience, Inc., VibeAttire, Inc. and invynt, LLC.
- **Medical Robotics Technology Center (MRTC)** – home of groundbreaking research on medical robotics within Carnegie Mellon’s world renowned Robotics Institute.
- **McGowan Institute for Regenerative Medicine (MIRM)** – a leading University of Pittsburgh center dedicated to tissue engineering, cellular therapies, biosurgery and artificial and biohybrid organ devices; creates innovative clinical protocols and pursues rapid commercial transfer of new technologies.
- **The Pittsburgh Life Sciences Greenhouse (PLSG)** – provides capital investments and business growth services to life sciences enterprises in areas including biotechnology tools, diagnostics, healthcare IT, medical devices and therapeutics.

information provided by:

pittsburgh regional alliance

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