

# CONTRACT MANUFACTURING SERVICES

BWXT Medical is a trusted collaborator for contract development and manufacturing services for life science and pharmaceutical companies. Uniquely positioned between pharma and traditional nuclear medicine, we offer decades of experience manufacturing and shipping sophisticated radiopharmaceutical products and medical devices, a highly specialized and experienced team, and an extensive nuclear regulatory expertise.

## Develop and Grow Your Product with a Proven Partner

### Contract Development and Manufacturing

- Complex radiochemistry and radiolabeling expertise
- Develop and manufacture radiochemicals and APIs suited to your needs
- Radiopharmaceutical unit doses in a variety of configurations
- Automation solutions to increase efficiency

### Quality and Regulatory Expertise

- Exemplary record of regulatory compliance
- Compliance with Medical Device, API, and Drug Product regulations
- Sterile product manufacturing
- Qualified and licensed shipping containers
- Integrated QMS throughout all processes

### Isotope Sourcing and Manufacturing

- Irradiation partners with the largest cyclotrons, and research and power reactors
- Broad portfolio of isotopes for diagnostic and therapeutic use

### cGMP Facilities

- 200,000 ft<sup>2</sup> cGMP/GLP radiopharmaceutical manufacturing facility
- Turn-key facilities with the capacity to grow as your product grows
- Support from clinical trials to large-scale commercial production

### Global Logistics

- Over 40 years of experience shipping nuclear medicine products worldwide

## Targeted Therapies



BWXT Medical is working with pharmaceutical partners to develop radiotherapeutic isotopes that can be used in targeted radionuclide therapies (TRTs) for the treatment of diseases such as cancer.

### High Purity Actinium-225 (Ac-225)

Ac-225 is one of the rarest medical isotopes on earth. When it undergoes radioactive decay, it releases a highly cytotoxic dose of alpha particles that can effectively kill tumor cells without causing harm to the healthy tissue that surrounds them.



## TheraSphere™



BWXT Medical is under contract by Boston Scientific to manufacture TheraSphere™, an implantable Class III medical device used to treat liver cancer. The TheraSphere device is manufactured out of our Ottawa, Ontario facility.



APPROXIMATELY  
**300 EMPLOYEES**

OVER  
**40,000 SHIPMENTS/YEAR**

ACROSS MORE THAN  
**30 COUNTRIES**



### BWXT'S GLOBAL FOOTPRINT

People Strong  
**INNOVATION DRIVEN** > . . . . .

BWXT Medical Ltd. provides its customers, who conduct life-saving medical procedures for patients around the world, the benefit of decades of experience in the development, processing, packaging and delivery of medical isotopes. Headquartered in Ottawa, Ontario, BWXT Medical employs approximately 300 highly-skilled people in Ottawa and Vancouver, British Columbia. BWXT Medical is part of the Commercial Operations segment of BWX Technologies, Inc. (NYSE:BWXT), headquartered in Lynchburg, Virginia, U.S.A. BWXT is a Fortune 1000 and Defense News Top 100 manufacturing and engineering innovator that provides safe and effective nuclear solutions for global security, clean energy, environmental restoration, nuclear medicine and space exploration. With approximately 8,700 employees, BWXT has 15 major operating sites in the U.S., Canada and the U.K. In addition, BWXT joint ventures provide management and operations at a dozen U.S. Department of Energy and NASA facilities. Follow us on LinkedIn, X, Facebook and Instagram, and learn more at [www.bwxt.com](http://www.bwxt.com).

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## Radiopharmaceutical Manufacturing Expertise

We have a rich history of manufacturing innovative radiopharmaceuticals including:

- Iodine-131 Tositumomab, a non-Hodgkin's lymphoma therapeutic
- Y-90 Chloride Sterile Solution to radiolabel a radiopharmaceutical to treat non-Hodgkin's lymphoma
- Iodine-125 Solution for brachytherapy sources
- Rubidium-82 generators for cardiac PET imaging
- P-32 Coated Stents used for coronary artery disease
- Iodine-131 MIBG for imaging and treating certain types of neuroendocrine tumors

**BWXT**  
Medical

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