



PREVENT. DIAGNOSE. TREAT.



Nordion is a global health science organization that provides market-leading products and services used to prevent, diagnose and treat disease.

We are a leading provider of gamma technologies and medical isotopes that benefit the lives of people in more than 45 countries around the world.

Founded in 1946, our safe and high-quality products are used daily by a well-diversified base of over 350 customers including contract sterilization service providers, pharmaceutical and biotechnology companies, medical device manufacturers, hospitals, clinics and research laboratories.

To best serve the diversity of our customers' requirements, we are organized into two business units: Gamma Technologies and Medical Isotopes.

We employ approximately 350 highly skilled employees. Our head office and main processing facilities are in Ottawa, Ontario, with additional facilities in Vancouver, British Columbia; Laval, Quebec; South Oxfordshire, England; and Causeway Bay, Hong Kong.



GAMMA TECHNOLOGIES

Nordion provides reliable, long-term, end-to-end Cobalt-60 supply and services. Every day, around the world, Cobalt-60 is used to reduce or destroy harmful micro-organisms from a wide variety of products – everything from single use medical devices such as syringes, gloves and bandages, to foods like spices and produce, to consumer and laboratory products. Cobalt-60 is also used for the modification of certain materials to produce specific physical properties. High specific activity or medical-grade Cobalt is used in radiation-based cancer treatments.



40%

The percentage of all single-use medical devices sterilized with gamma

Source: International Irradiation Association (iia)

Since the widespread commercial use began in the 1960s, gamma processing has been adopted by the medical, food and consumer product industries looking to provide greater product safety. We also manufacture and supply specialty Cobalt-60 sources used around the world to treat brain and other cancers. Gamma rays damage and kill tumour cells while leaving healthy tissue unharmed.

200+ large-scale irradiators in the world

120 large-scale irradiators built by Nordion

Not only do we provide Cobalt-60 to companies that sterilize products, we also manufacture irradiation systems. A combination of world-class capabilities in electro-mechanical design, controls, radiation physics, dosimetry and regulatory affairs with a global reach in sales, installation and service have made Nordion the industry leader in delivering end-to-end gamma processing solutions.

Every day around the world, there are problems to solve—from environmental concerns to material modifications. Every day businesses are realizing that gamma offers an innovation solution.

“ We rely on Nordion not only for the reliability of their cobalt supply, but also for their expertise in irradiator physics. Nordion was able to design and implement changes to our systems that improved both the efficiency and the flexibility of our operations. ”

— Murray Lynch, CEO, Steritech

MEDICAL ISOTOPES



With decades of experience in processing, packaging and delivery, we sell a unique portfolio of isotopes, which our customers incorporate into products that are used in medical procedures for patients. Our medical isotopes are used in the diagnosis and treatment of disease, including applications for cardiology, neurology, oncology and research.



10,000

hospitals worldwide use medical isotopes
90% of the procedures are for diagnostic purposes

Source: World Nuclear Association

With decades of experience in processing, packaging and delivery, we sell a unique portfolio of isotopes, which our customers incorporate into products that are used in medical procedures for patients. We have a strong focus on service and quality while providing customers with the flexibility they need to react to short-notice orders, thus providing continuity of supply to our global customers—and ultimately patients—in times of need.



80%

of nuclear medical procedures worldwide use Tc-99m

Source: World Nuclear Association

The primary isotope we produce is Molybdenum-99 (Mo-99), which decays into Technetium-99m (Tc-99m). Other medical isotopes we produce are used in the fields of Cardiology, Oncology, Neurology and Research.



We also offer contract manufacturing services. We design and develop tailor-made solutions to meet our customers' needs, such as radiopharmaceuticals for commercial development or clinical trials.

SOCIAL RESPONSIBILITY



Nordion is guided by a core purpose of making a distinctive contribution to the health and well-being of people.

We are a leader in protecting the health and safety of our employees, our neighbours and the environment. Our Class 1B nuclear facility continually exceeds the standards set by the Canadian Nuclear Safety Commission (CNSC). Through our Public Information Program and other disclosures, we are committed to transparent communications on our nuclear operations with employees, regulators, customers, partners and the public. We have a sound environmental management system and certified operating practices that meet stringent international standards for environmental sustainability.

Nordion and our employees take an active role in building healthy, strong, happy communities, both at home and abroad. We are proud to support organizations where our employees live and work.

APPROXIMATELY
350 EMPLOYEES

AROUND
30 PRODUCTS

SUPPLY OVER
350 CUSTOMERS

ACROSS MORE THAN
45 COUNTRIES

NORDION'S
GLOBAL
FOOTPRINT



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Nordion is a subsidiary of Sterigenics International LLC, the leading global provider of contract sterilization and lab services for the medical device industry, the world's leading supplier of Cobalt-60 and a leading supplier of medical isotopes.