



Nutriceutical Health.

Photo courtesy of National Research Council Canada

MEDICAL DEVICES

With exports totalling more than \$2.3 billion⁵⁴ (2011), Canada's medical-devices industry remains very healthy. From start-ups to large, established firms, Canadian and foreign medical-devices firms active in the country develop and manufacture high-demand products that incorporate the latest discoveries from other industries—including biotechnology, advanced materials, microelectronics, telecommunications, software and informatics.

In Canada, homegrown global leaders **IMRIS**, **Nordion**, **Novadaq Technologies**, and **Titan Medical**, are joined by numerous multinational firms. They include **Abbott Point-of-Care**, **Agfa Healthcare**, **Baxter**, **Elekta**, **GE Healthcare**, **Hologic**, **Johnson & Johnson**, **Medtronic**, **Roche**, **Siemens**, **Smith & Nephew**, **Alere**, **Sorin Group** and **Zimmer**.

The medical-devices industry is comprised of more than 1,000 firms with a total workforce of 25,500.

Canada's medical-devices industry produces a wide range of diagnostic and therapeutic products. Some key specialties include medical imaging, dental implants and materials, prosthetics, analytical instruments and advanced materials, as well as assistive devices and home healthcare-products. Here are a few examples of recent breakthroughs on HIV:

- Halifax-based **MedMira** developed a three-minute flow-through diagnostic HIV test, the only such product to earn regulatory approval in Canada, the United States, China and the European Union.

⁵⁴ Industry Canada.

⁵⁵ University of Toronto. Retrieved on May 1, 2012 from www.engineering.utoronto.ca/About/Engineering_in_the_News/Lab-on-a-Chip_Revolutionizes_HIV_Monitoring_in_Developing_Countries.htm?PageMode=Print.