

# Best Theratronics Ltd, a company of TeamBest and Best Medical International, has major expansion plans for growing their product line by acquiring and expanding organically

**PRESS RELEASE • Ottawa, Ontario, Canada • April 15, 2013**

Best Theratronics Ltd (BTL) was founded more than 60 years ago with their invention of the first commercial Gamma Beam Teletherapy (GBT) machine for treating cancer and non malignant tumors with radiation. Canada issued a special stamp to commemorate this breakthrough invention.

BTL has been manufacturing and supplying these machines that are considered the gold standard and work horses of radiation oncology departments globally since its invention and commercialization. When the President of BTL, Krishnan Suthanthiran, recently visited one of the centers using our GBT machine, the oncologist proudly commented that he had never had a service contract on the machine and he had it for nearly 12 years without it ever breaking down.

Nearly 20 years ago, Best NOMOS, one of TeamBest's companies, invented Intensity Modulated Radiation Therapy (IMRT). Since then, IMRT has been the global standard of treatment for cancer patients. BTL has expanded their capabilities to offer not only IMRT but IGRT (Image Guided Radiation Therapy) for all of their Gamma Beam product lines. BTL is spending many millions of USD annually to expand these product offerings.

In addition to offering a range of GBT machines, BTL offers machines for research and development, and calibration of X-ray machines. BTL is also expanding the range of treatment options that no other teletherapy machine is capable of delivering with the reliability or longevity of BTL machines. These machines have been in use around the world for 40 years or more and are still treating 100 or more patients a day per machine.

BTL began product development for a range of cyclotrons for medical and research radioisotopes production three years ago. BTL was awarded a major contract worth more than 13 Million USD/CAD for the manufacture of a 70 MeV Cyclotron from the Italian National Laboratories, INFN in Italy in 2010. Since then BTL has entered into a multiyear Memorandum of Understanding with INFN for joint research and development in accelerator technology. Currently BTL is designing and manufacturing several cyclotrons: 14 MeV, 28 MeV, 28u, an upgradeable version of 28 MeV to 35 MeV, and 70 MeV. These cyclotrons can be custom ordered by customers to use the latest technologies. In a short three years, BTL has become a major manufacturer of cyclotrons globally, investing nearly 20 million USD for cyclotron product development and manufacturing.

Recently, BTL acquired the rights to manufacture Radio Frequency (RF) amplifiers to complete the vertical integration of building its cyclotrons and to prepare for amplifier fabrication for the TeamBest Rapid Cycling Medical Synchrotrons (400 MeV) for Particle Therapy

**(continued on next page)**



(Proton to Carbon). This technology allows BTL to manufacture all of the amplifiers needed for their cyclotrons and prepares the infrastructure for synchrotron RF amplifier systems in their manufacturing facility. This facility is a 150,000 square foot, fully air conditioned office, R&D, manufacturing, and distribution facility located on 18 acres of industrial and commercial land in Ottawa with land available for further expansion.

BTL has invested several millions of USD/CAD in developing technologies for treating blood before transfusion. They include using radioisotopes or X-ray as the source. BTL's multiple models are also used for medical research worldwide. More than 70% of the units in service globally have been manufactured by BTL.

BTL along with its TeamBest companies is participating to bid for more than 500 million USD of product offerings and cancer management solutions globally. During the past three years BTL has added nearly 150 high tech employees at their Canadian operations in Ottawa and Vancouver and continue to add staff almost weekly.

BTL has been proactive in collaborating with cancer and academic centers by supporting them with grants and donations to enhance the product development capabilities and treatment around the world. Five years ago, BTL donated two top of the line GBT machines (each valued at 750,000 USD), one to Tanzania, and the other to Nicaragua, so that each cancer center could improve and deliver world class cancer treatment to their patients. Also, BTL has agreed to provide up to one million USD/ CAD grant to the Cancer Centre of Southeastern Ontario (formerly known as the Kingston Regional Cancer Centre) in Kingston, Ontario, Canada, to upgrade their GBT machine to include state of the art imaging and IMRT technologies to expand their capabilities for cancer treatment.

Every day, quality products manufactured by Best Theratronics and TeamBest companies are saving thousands of lives worldwide. We at TeamBest would like to thank our loyal customers of nearly 60 years and our dedicated and hard working employees with their extensive skills and loyalty. Best Theratronics and TeamBest will be exhibiting at the American Brachytherapy Society (ABS) Annual Meeting April 17–20, 2013 in New Orleans, LA, USA, as well as the European Society for Therapeutic Radiology & Oncology (ESTRO) 2nd Forum April 19–22, 2013 in Geneva, Switzerland.

### **About Krishnan Suthanthiran, Founder & President of TeamBest Companies**

Krishnan Suthanthiran immigrated to Canada from India in September 1969 after graduating with a Bachelor's Degree in Mechanical Engineering from University of Madras, India, to pursue his Master's Degree in Mechanical Engineering at Carleton University, Ottawa, Ontario, Canada. He arrived with a total of 400 Canadian Dollars. Subsequently, he received a National Research Council of Canada Research Assistantship, and graduated with a Master's Degree in 1971. Having lost his father to cancer while he was an undergraduate student in engineering, he has dedicated his career to cancer prevention, early detection and effective treatment for the Total Cure. He moved to the United States in 1972 and worked as an Engineer Physicist at Howard University Hospital in Washington, DC, USA until 1978. Since then he has founded and



**(continued on next page)**

invested globally many millions of USD in medical, real estate, construction, entertainment, and energy companies. He founded and currently is supporting a few non-profit charitable foundations to promote quality education and healthcare and making them affordable and accessible. He is pursuing a goal of providing purified drinking water and affordable sewer systems in every part of the world. He has contributed substantially to setting up endowments for scholarships, and has also provided significant funding to support medical research and treatment by partnering with academic centers, national labs, and hospitals globally.

**For more information, please visit:**

**[www.theratronics.com](http://www.theratronics.com)**

**[www.bestcyclotron.com](http://www.bestcyclotron.com)**

**[www.nomos.com](http://www.nomos.com)**

**[www.teambest.com](http://www.teambest.com)**

**[www.kitsaultenergy.com](http://www.kitsaultenergy.com)**

**[www.bestcure.md](http://www.bestcure.md)**

**[www.besttotalsolutions.com](http://www.besttotalsolutions.com)**

**[www.bestvascular.com](http://www.bestvascular.com)**

**Contact:**

**Krishnan Suthanthiran**  
**Founder & President of TeamBest Companies**  
**[krish@teambest.com](mailto:krish@teambest.com)**

**Lisa Schoenhofer**  
**Marketing Coordinator**  
**(613)591-2100 ext. 2729**  
**[lisa@teambest.com](mailto:lisa@teambest.com)**

**[info@theratronics.com](mailto:info@theratronics.com)**

