Welcome to our world

Arplay Medical
Best Cyclotron Systems
Best Dosimetry Services
Best Medical Canada
Best Medical International
Best NOMOS
Best Particle Therapy
Best Theratronics
Best Vascular (Novoste)
CNMC Company
Huestis Medical/ARI
and more…

Ready to serve globally for all your needs
Best Medical International, Inc. was founded by Krishnan Suthanthiran in 1977 in Springfield, Virginia, USA and has expanded since that time to become a global business serving customers worldwide. Best’s family of companies, collectively known as TeamBest, is a vertically integrated enterprise that has developed a reputation for being the best and most experienced in the field of radiation therapy products, technologies and instruments. TeamBest’s goal is to reduce healthcare costs by controlling the supply chain and manufacturing costs, as well as deliver unmatched customer service. TeamBest provides Total Solutions™ for all radiation therapy/diagnostic product and instrument needs.
Best Medical International has been supplying quality radiation therapy products to the brachytherapy community at affordable prices since 1977. BMI manufactures Best® Iodine-125, Palladium-103 and Gold-198 seeds, as well as Iridium-192 seeds in nylon ribbons, Low Dose Rate/High Dose Rate brachytherapy accessories (catheters, needles, applicators, templates, etc.), Fiducial Markers in loose and stranded configurations, the Best Brachytherapy Kit, Breast Localization Needles, Rectal Retention Catheters, Cobalt-57 Nuclear Medicine Sources, and several other customized products. Seeds are available to suit customer choices, either loose or loaded in cartridges, needles or strands, sterile or nonsterile. Our products are usually shipped within 24 hours of receipt of an order.

Best® Iodine-125 Seed

Best® Palladium-103 Seed

Best® Iridium-192 Seeds in Nylon Ribbon

Inner casing ——— Outer casing ——— Iridium-192 wire
Arplay Medical manufactures and supplies head, neck, thoracic and abdominal thermal immobilization products and the Total Body Irradiation table. In addition, integrated couch-top breast boards and stand-alone breast boards for CT and accelerators are available. Arplay manufactures a variety of items needed for mould rooms, including customized furniture. Furthermore, Arplay distributes other Teambest products in Europe, Africa, the Middle East, and as far away as the South Pacific and India.
In June 2009, Best Cyclotrons Systems (BCS), together with Best Theratronics (BT), announced their plans for the manufacture of a range of variable energy cyclotrons, 15, 25, 28u/35 and 70 MeV, in Ottawa, Ontario. These cyclotrons are developed for use in research, diagnosis and treatment applications at universities and hospitals around the world. BT and BCS are the only companies in North America producing these cyclotrons and are able to customize them for users based on their needs.

Cyclotrons use a combination of magnetic and radio frequency electric fields to accelerate ions to velocities high enough to create radioisotopes. BT has a cost effective, modern technology to manufacture a range of cyclotrons. The B15 Cyclotron — beams up to 15 MeV energy, B25 beams — 15–25 MeV energy. B28u/B35 will have beams ranging from 15–35 MeV, and B70 will have beams ranging from 35–70 MeV. BCS’s innovative plans include the ability to generate new research and clinical radiocompounds, as alternatives to Technetium-99m supply, making them readily available for medical diagnosis and treatment.

In addition, BCS and BT are collaborating with National Laboratories, in Europe and USA to expand all the cyclotrons capabilities. All of their cyclotrons have external ion sources, thereby allowing cyclotron designs with high current capabilities. The system features allow the customer to spend significantly less money in acquisition, maintenance and operation.
Best Dosimetry Services (BDS), an affiliate of CNMC Company and Best Medical International, provides personnel dosimetry services. The service supplies well established radiation dosimetry badges that utilize the most advanced thermoluminescent dosimetry (TLD) technology available, the high sensitivity LiF:Mg,Cu,P material. The dosimeters are nearly tissue-equivalent, exhibit negligible fading, and can detect radiation doses as low as 1 mrem. The service provides radiation monitors for both whole-body and extremity monitoring of radiation dose. BDS is customer oriented, providing a real person to connect with on the phone, and assures fast turnaround of dose results. As an affiliate of CNMC Company, BDS can provide a broad range of radiation safety products and services. Examples include: electronic dosimeters, survey meters, radiation safety training, shielding design, RSO services, instrument calibration and repair.
Best Medical Canada (BMC) is a globally acclaimed leader in the development and manufacture of radiation detection and measurement devices. The company was incorporated in 1984 and since then has worked almost exclusively in radiation detection technologies. The goal of Best Medical Canada is to offer unparalleled quality products and services to its customers around the world. Its mobileMOSFET Wireless Dose Verification System provides accurate, real-time patient dosimetry information during radiation therapy or diagnostic imaging. BMC’s MOSFET dosimeter is the smallest in the world, at 1-millimeter square, and can be used in the most sensitive medical applications. Its products are reliable and safe, providing innovative solutions to radiation measurement problems. Best Medical Canada supplies Canada with all of the products offered by TeamBest including a complete line of patient positioning products.
Best NOMOS provides the Best® Total Solutions™ for prostate cancer diagnosis and treatment. Its Best® Sonalis™ features breakthrough SimulView™ ultrasound technology, with simultaneous imaging of transverse and sagittal planes. Its BATCAM ultrasound-based image-guided radiation therapy units are the proven method for prostate localization during multifractional IGRT treatment.

CORVUS® is an inverse treatment planning system that optimizes a delivery plan of thousands of pencil beams of radiation to meet prescription dose goals and constraints. The only system with Active Rx™, CORVUS provides the ability to “draw” isodose lines, interactively “push” dose and “click and drag” to adjust dose planning volumes to improve the plan with immediate, graphical feedback. It also enhances productivity by eliminating the iterative trial and error process of generating the perfect treatment plan.
nomosSTAT™ serial tomotherapy technology delivers pencil beams from a continuous 340-degree arc around the patient, creating a highly conformal dose distribution. Treatments delivered with nomosSTAT provide better critical structure avoidance than other IMRT techniques without compromising dose to the target. These capabilities can be added to any linear accelerator while maintaining the ability to deliver conventional treatments.

TargetScan Touch™ is a stereotactic prostate biopsy and treatment system, whose breakthrough technology introduces a new generation of prostate diagnosis and treatment solutions. TargetScan’s proprietary robotic technology offers an unparalleled level of precision and ease of use during prostate imaging and biopsy. TargetScan provides precise pathology mapping for greater confidence in diagnosis of cancer location.
Best Particle Therapy, a recently formed TeamBest company, focuses on the development of particle based therapy systems. A Collaborative Research and Development Agreement has been established with the US Department of Energy’s Brookhaven National Laboratory (BNL). Under this agreement, BPT/BNL are jointly developing a rapid cycling proton/carbon synchrotron that enables ultimate treatment flexibility. These synchrotrons can be operated at variable energies from Proton to Carbon, in Single or Multi-Room configurations, with or without gantry. The Ion Rapid Cycling Medical Synchrotron (iRCMS) program draws on the particle acceleration expertise of Brookhaven Lab researchers and the medical equipment experience of TeamBest companies to advance cancer therapy, in particular through the evolving use of carbon ion and proton beams.
What is the most trusted and dependable teletherapy system in the world? Best® Gamma Teletherapy™. It’s a game changer. Best® Gamma Teletherapy™ systems (Theratrons) have provided low-cost, dependable service worldwide for more than 50 years. Its systems have significantly lower operating costs than linear accelerators (linacs). Millions of cancer patients around the world have received and continue to receive treatment on Theratrons, which can now be equipped with Multi-Leaf Collimators for IMRT and 3D CRT capabilities. The MLC connects modern treatment methods in radiotherapy with high cost-efficiency and maximum reliability for all environments.
In addition, Best Theratronics is the market leader in blood irradiators, with both gamma and X-ray technology, offering the Gammacell 1000 Elite/3000 Elan and the Raycell Mk2 X-ray irradiator. Depending on the product selected, the required 25 Gy central dose can be delivered in approximately 2–7 minutes. Barcode reading capabilities allow users to track the relevant data associated with each irradiation cycle, including unit number, product code, and blood type.

Best Theratronics also provides research and tissue irradiators for a wide range of clinical and research applications. New to Best Theratronics is the GammaBeam 500 Total Body Irradiator, the first teletherapy unit of its kind designed to produce a large fixed rectangular radiation field at an extended source-to-skin distance in order to deliver total body irradiation.
In the mid 1990’s Best Medical International provided radioactive sources for pivotal research including human studies into restenosis, or re-clogging, in coronary and peripheral vessels. The successful studies resulted in a new modality known as intravascular brachytherapy, or IVBT. The device was CE marked for sale outside the USA in 1999, and approved by the US Food and Drug Administration in November 2000, for treatment of coronary artery in-stent restenosis in failed bare metal stents.

Since then, the procedure and Best’s IVBT products have been marketed globally. The Novoste™ Beta-Cath™ System is available through Best Vascular located in Norcross, GA, USA, near Atlanta. Best Vascular continues the legacy of intravascular radiation therapy that began with sources from Best Medical International over a decade ago. The positive safety profile of IVBT continues to provide an attractive adjunct therapy to PCI for treating in-stent restenosis. The Novoste Beta-Cath 3.5F System, offered exclusively by Best Vascular, remains an unrivaled system, helping skilled interventionalists to preserve vascular patency in today’s challenging in-stent restenosis patient population.
CNMC Company

Best® Total Solutions™ provide for all your physics instrumentation and radiotherapy product needs — quality assurance instruments and products, calibration and repair services for all makes and models. CNMC Company has supplied medical physicists with quality products for radiation dosimetry and quality assurance for more than 30 years. Its well-established relationships with multiple vendors enable it to supply all needed products, including hard-to-find items. CNMC can also repair broken instruments, saving the customer many thousands of dollars, and can often provide a loaner. To better serve customers, CNMC is expanding its product line to include all thermoplastics, immobilization devices and other products.

CNMC Company  865 Easthagan Drive, Nashville, Tennessee 37217 USA
tel 615 391 3076   800 635 2662   www.cnmcco.com   www.teambest.com

AFRICA   |   ASIA   |   EUROPE   |   LATIN AMERICA   |   MIDDLE EAST   |   NORTH AMERICA
Huestis Medical is a well-known ISO 9001:2000 manufacturer of quality radiotherapy products, which include the Huestis Cascade radiographic/fluoroscopic simulator, the Huestis Styro•Former® manual block cutter, the Huestis Compu•Cutter® III computerized block cutter, and the Huestis Styro•Former® the original, radiotherapy shielding block mold cutter. In addition, Huestis Medical manufactures collimators for a wide range of diagnostic X-ray applications and radiotherapy accessories such as measuring calipers and patient fixation devices.

Huestis Medical has assembled a collection of achievements and accreditations to document its commitment to quality manufacturing. Objectives and procedures are fully documented with an impressive array of accomplishments including ISO 9001 and ISO 13485 registration.
Information on all the TeamBest companies can be found at www.teambest.com. TeamBest is the single-source supplier for brachytherapy, radiology, urology, neurology, radiation therapy, cardiology, gynecology, medical and health physics.

Arplay Medical – www.arplay.com
Best Cyclotron Systems, Inc. – www.bestcyclotron.com
Best Dosimetry Services – www.bestdosimetry.com
Best Medical Canada – www.bestmedical.ca or www.mosfet.ca
Best Medical International – www.bestmedical.com
Best NOMOS – www.nomos.com
Best Particle Therapy – www.bestproton.com
Best Theratronics – www.theratronics.com
Best Vascular/Novoste – www.bestvascular.com or www.novoste.com
CNMC Company – www.cnmcco.com
Huestis Medical & Huestis ARI – www.huestis.com