

Introducing... Exciting NEW products under development from TeamBest® Companies!

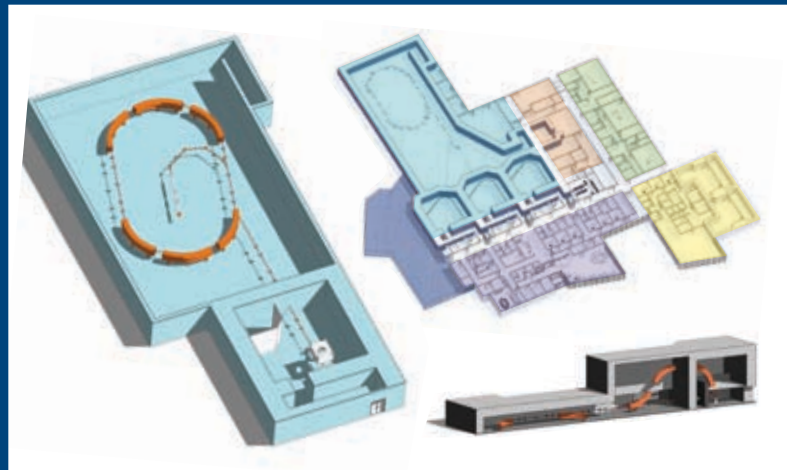
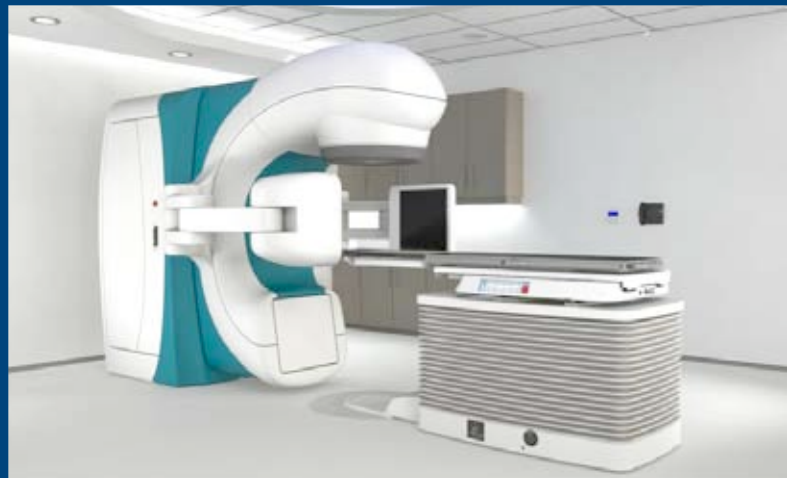


healthcare for everyone

TeamBest®

Your True Partner

One World — One Source — The Best!



Best Medical International, Inc. 7643 Fullerton Road, Springfield, VA 22153 USA
tel: 703 451 2378 800 336 4970 www.besttotalsolutions.com www.teambest.com

AFRICA | ASIA | EUROPE | LATIN AMERICA | MIDDLE EAST | NORTH AMERICA

Best[®] HDR Afterloader

Best[®] HDR Afterloader provides 18 channels for dose delivery with safety designs such as positive lock and verification for the transfer tubes, automatic check cable to verify the connections of all catheters and applicators, and radiation monitoring.

- Provides 18 channels for dose delivery
- Battery back-up in case of power failure and automated wire recovery
- Source wire tracking using sensors and encoders, with automatic and manual wire retract in case of emergency
- Treatment data maintained in case of failure and treatment resumed after fix
- Quick source replacement process thereby reducing down time
- Available with Cobalt-60 or Iridium-192 sources. Also, Ytterbium-169 source available soon!

** All products shown are pending regulatory approval and not available for sale currently.*



Best[®] Serial Tomotherapy System

- Rotational IMRT treatment delivery with integrated shielding
- Smooth and continuous treatment enables precise delivery of radiation at high doses, while reducing treatment times
- Image-guided to allow for adaptive treatment



Best[®] X-Beam[™] Robotic Radiosurgery System

- Non-invasive treatment option for complex tumors, targeting cancerous cells and sparing healthy tissue and organs
- Flexible treatment angles available without moving the patient
- Targets all tumors, anywhere in the body

* All products shown are pending regulatory approval and not available for sale currently.

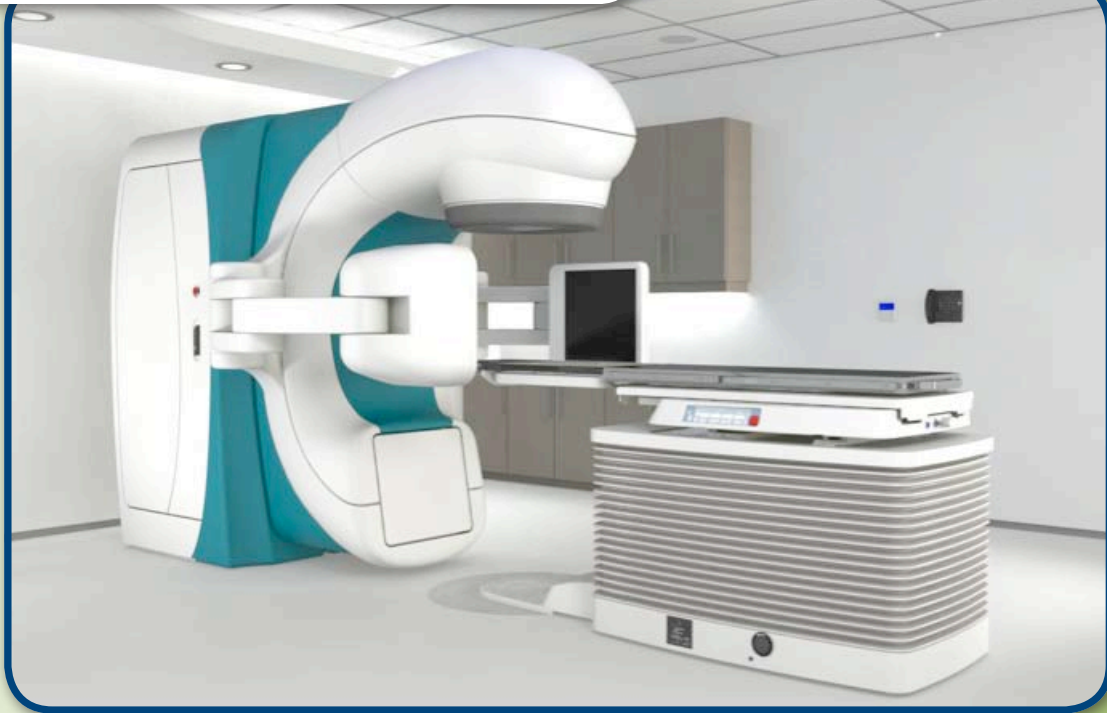


healthcare for everyone

TeamBest[®]

Your True Partner

Best[®] X-Beam[™] Multi-Energy Linac System

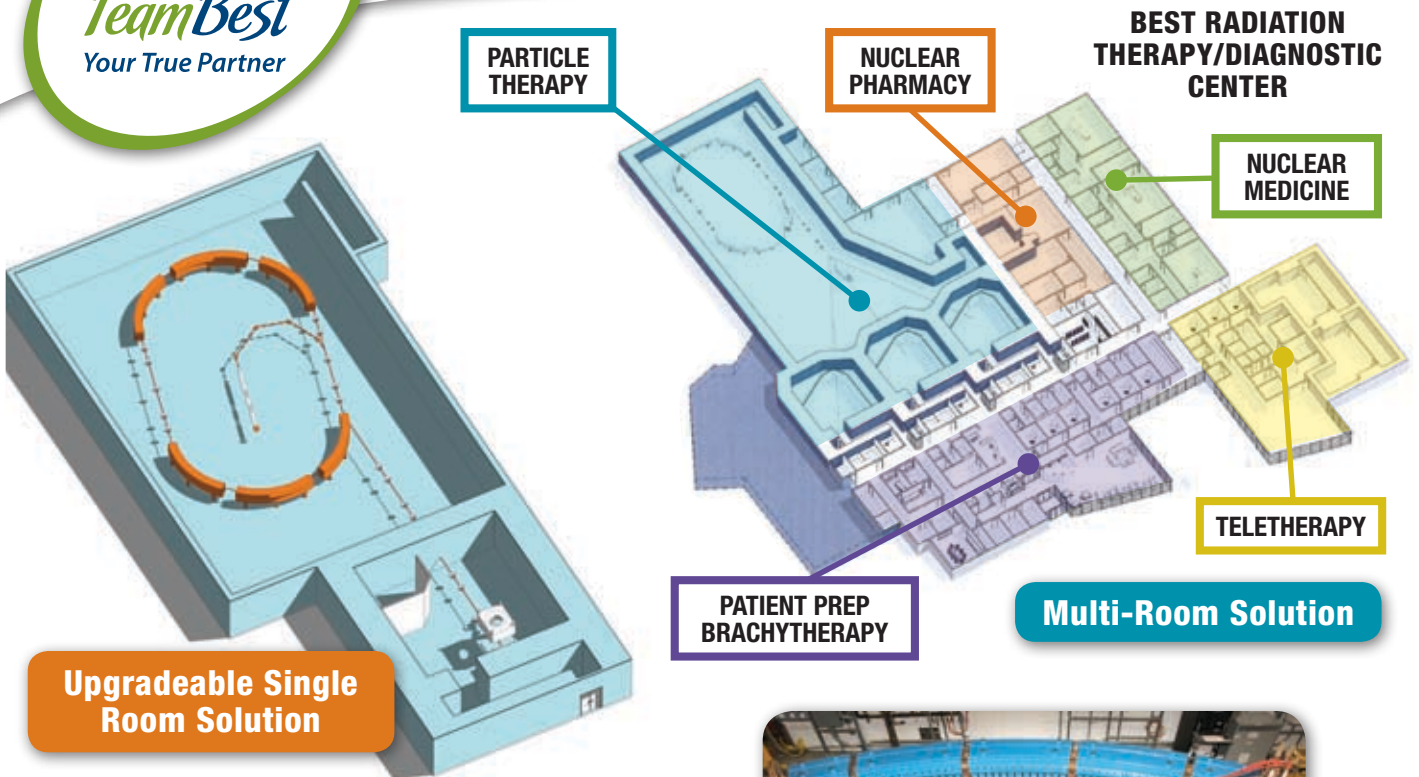


Best[®] E-Beam[™] Robotic IORT Linac System

- Mobile intraoperative radiation therapy for use in operating rooms
- Targets residual cancer cells during surgery, reducing the need for radiotherapy or chemotherapy at a later date in most cases



Best[®] Particle Therapy



Upgradeable Single Room Solution

Multi-Room Solution

Best Particle Therapy is developing a Proton-to-Carbon therapy system to deliver energetic particle beams of protons and carbon ions, achieving a high level of precision to treat deep-seated as well as radiation-resistant tumors.

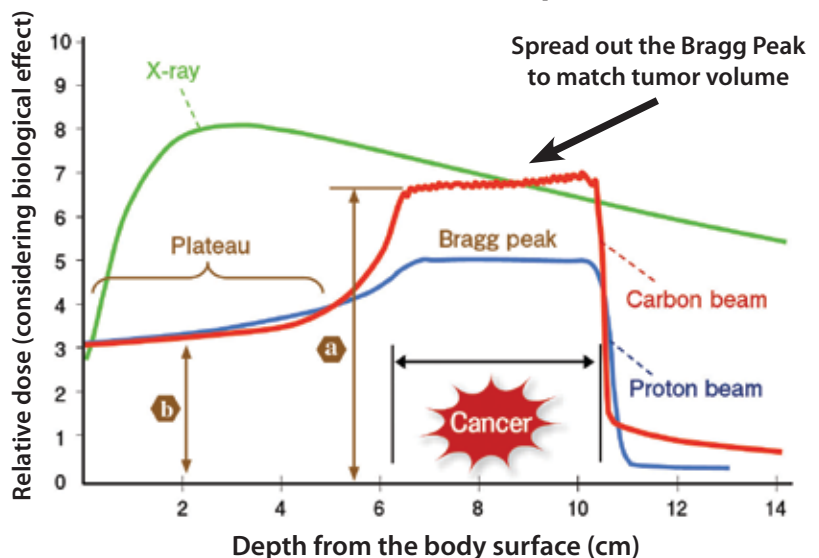
The Best[®] ion Rapid Cycling Medical Synchrotron (iRCMS) is planned to have:

- A unique combination of advanced spot scanning with rapid energy modulation
- Elimination of neutron contamination associated with patient specific hardware
- Intrinsically small beams facilitating beam delivery with precision
- Small beam sizes – small magnets, light gantries – smaller footprint
- Highly efficient single turn extraction
- Efficient extraction – less shielding
- Flexibility – protons and/or carbon, future beam delivery modalities



Prototype iRCMS Combined Function Magnet

Peak-to-Plateau ratio of the RBE (a/b) is larger in carbon ion beams than for proton beams.

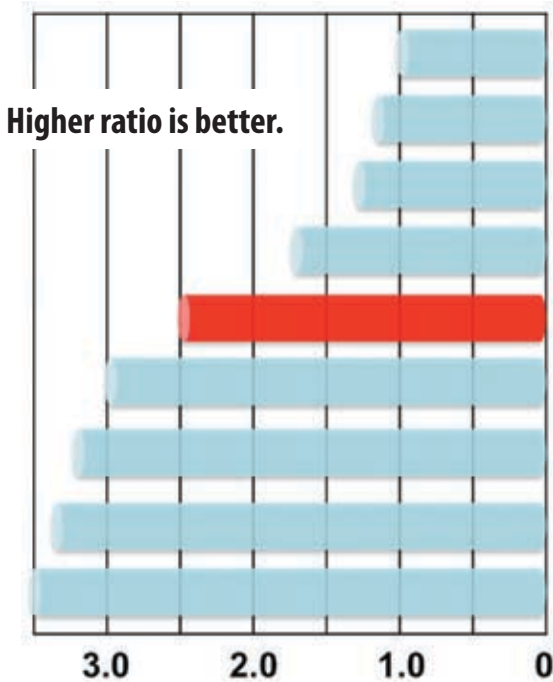


Graph courtesy of Hirohiko Tsujii et al., *Radiological Sciences*, 50(7), 4, 2007

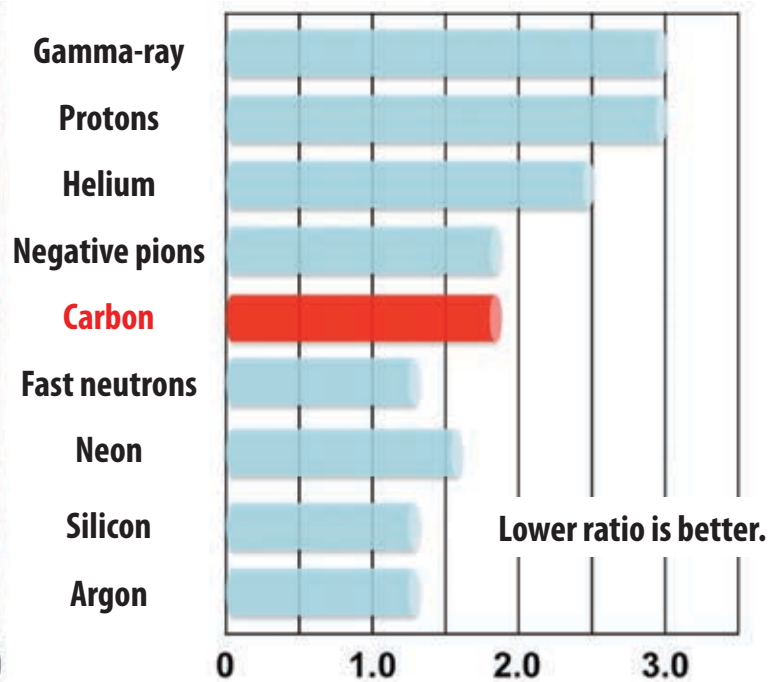
Accelerator Comparison Table

				Maximum Credible Incidence (MCI)	
	Energy Maximum (MeV)	Avg. Current Delivered (nA)	Charge Accelerated (nC/s)	Risk Ratio MCI/Delivered	Shielding (50 mSv/yr) Concrete @10.00 m (m)
Protons (206 MeV)					
Isochronous Cyclotron (NC)	230	2	1250	625	2.89
Isochronous Cyclotron (SC)	250	2	313	156	2.44
Synchro Cyclotron (SC)	250	2	1	0.50	0.54
Slow Cycling Synchrotron	250	2	20	10	1.53
Best ion Rapid Cycling Medical Synchrotron (iRCMS)	1200	2	0.133	0.067	0.13

RBE: Relative Biological Effectiveness OER: Oxygen Enhancement Ratio



RBE represents the biological effectiveness of radiation in the living body. The larger the RBE, the greater the therapeutic effect on the cancer lesion.



OER represents the degree of sensitivity of hypoxic cancer cells to radiation. The smaller the OER, the more effective the therapy for intractable cancer cells with low oxygen concentration.

* All products shown are pending regulatory approval and not available for sale currently.