

# Best<sup>TM</sup> Cyclotron Systems

Best Cyclotron Systems offers a large family of cyclotron designs with a broad energy range from 1 MeV to 150 MeV that can be configured and optimized for different applications.

TEAMBEST GLOBAL



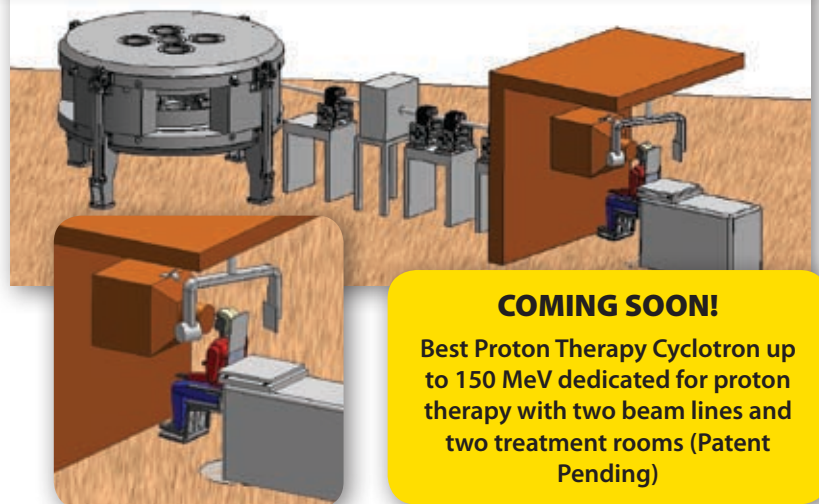
www.teambest.com



NEW Best Cyclotrons	1–3 MeV	Deuterons for materials analysis (Patent Pending)
	70–150 MeV	For Proton Therapy (Patent Pending)
	3–90 MeV	High current proton beams for neutron production and delivery (Patent Pending)
Best 15p Cyclotron	15 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
Best 20u/25p Cyclotrons	20, 25–15 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
Best 30u/35p Cyclotrons	30, 35–15 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
Best 70p Cyclotron	70–35 MeV	Proton only, capable of high current up to 1000 Micro Amps, for medical radioisotopes
Best 150p Cyclotron	From 70 MeV up to 150 MeV (non-variable)	For all Medical Treatments including Benign and Malignant Tumors for Neurological, Eye, Head/Neck, Pediatric, Lung Cancers, Vascular/Cardiac/Stenosis /Ablation, etc. (Patent Pending)



Installation of Best<sup>TM</sup> 70 MeV Cyclotron at INFN, Legnaro, Italy



**COMING SOON!**

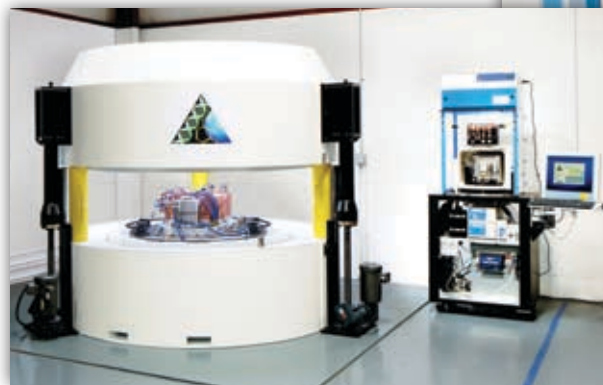
Best Proton Therapy Cyclotron up to 150 MeV dedicated for proton therapy with two beam lines and two treatment rooms (Patent Pending)

www.bestcyclotron.com • www.bestabt.com • www.bestproton.com  
BCS tel: 604 681 3327 • Best ABT tel: 865 982 0098 • BPT tel: 703 451 2378

# Best<sup>TM</sup> ABT Molecular Imaging

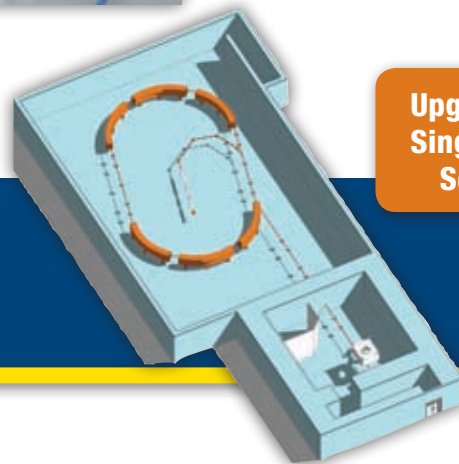
**Best 7.5 MeV Cyclotron BG-75 BioMarker Generator with on-board chemistry and QC for in-house production of <sup>18</sup>F-FDG and other PET agents**

- Push button graphic interface
- Single or batch dose production
- Final dose delivery to syringe or vial (option)
- Automated quality control testing
- Integrated cyclotron & chemistry self-shielding
- Complete production lab in a 5 x 5 meter area

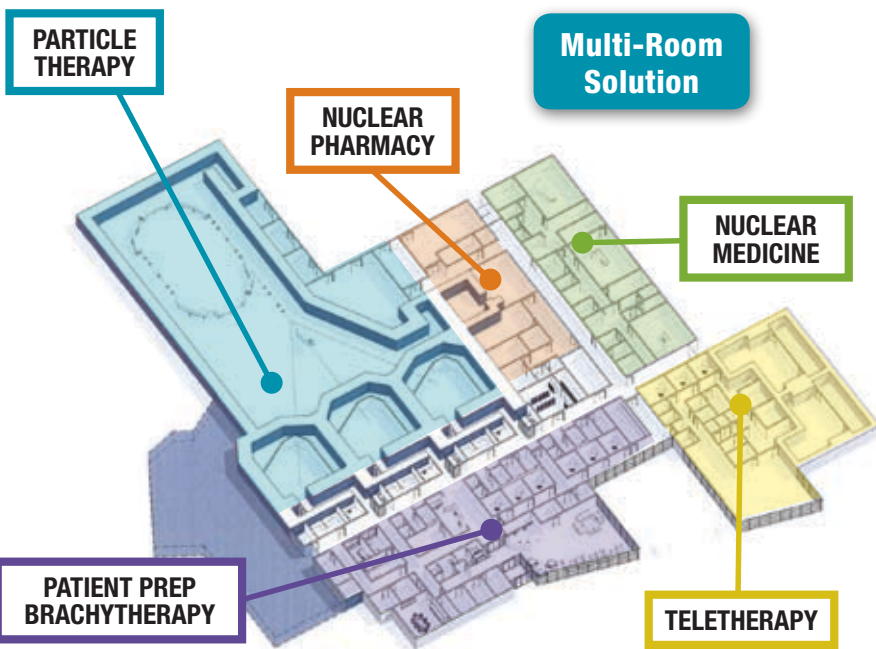


# Best<sup>TM</sup> Particle Therapy

**400 MeV ion Rapid Cycling Medical Synchrotron (iRCMS) for Proton-to-Carbon Variable Energy Heavy Ion Therapy with or without Gantries**



**Upgradeable  
Single Room  
Solution**



- 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 – heavy ion beam therapy (protons and/or carbon), beam delivery modalities



**BEST RADIATION THERAPY & DIAGNOSTIC CENTER**

**ion Rapid Cycling Medical Synchrotron (iRCMS) Racetrack**

*TeamBest Companies © 2020 \* Some of the products shown are under development and not available for sale currently.*

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