



BestTM Cyclotron Systems

Installation of Best 70 MeV Cyclotron at INFN, Legnaro, Italy

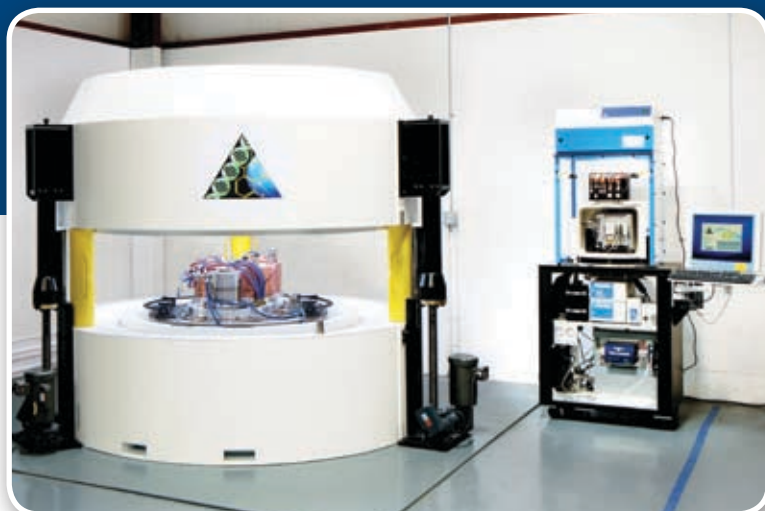
Best Cyclotron Systems provides 15/20/25/30/35/70 MeV Proton Cyclotrons as well as 35 and 70 MeV Multi-Particle (Alpha, Deuteron and Proton) Cyclotrons. Best 20u to 25 MeV and 30u to 35 MeV are fully upgradeable on site.

Cyclotron	Energy (MeV)	Isotopes Produced
Best 15	15	^{18}F , $^{99\text{m}}\text{Tc}$, ^{11}C , ^{13}N , ^{15}O , ^{64}Cu , ^{67}Ga , ^{124}I , ^{103}Pd
Best 20u/25	20, 25–15	Best 15 + ^{123}I , ^{111}In , $^{68}\text{Ge}/^{68}\text{Ga}$
Best 30u (Upgradeable)	30	Best 15 + ^{123}I , ^{111}In , $^{68}\text{Ge}/^{68}\text{Ga}$
Best 35	35–15	Greater production of Best 15, 20u/25 isotopes plus ^{201}Tl , $^{81}\text{Rb}/^{81}\text{Kr}$
Best 70	70–35	$^{82}\text{Sr}/^{82}\text{Rb}$, ^{123}I , ^{67}Cu , ^{81}Kr + research

BestTM ABT Molecular Imaging

The BG-75 Biomarker Generator integrates a compact mini-cyclotron, automated radiochemistry and quality control, simplifying in-house production of ^{18}F -FDG and advanced biomarkers.

- Push button graphic interface
- Kit based chemistry
- 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



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

BestTM Particle Therapy

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.

400 MeV Rapid Cycling Medical Synchrotron for Proton-to-Carbon Heavy Ion Therapy:

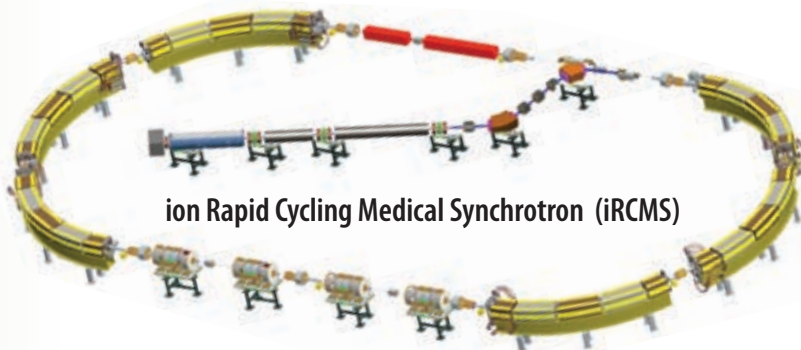
- Intrinsically small beams facilitating beam delivery with precision
- Small beam sizes – small magnets, light gantries – smaller footprint
- Highly efficient single turn extraction
- Efficient extraction – less shielding
- Flexibility – heavy ion beam therapy (protons and/or carbon), beam delivery modalities

NEWS UPDATE!

Best Medical International signed a Memorandum of Understanding with University of Wisconsin Medical Radiation Research Center (UWMRRC) to develop Revolutionary New Carbon Therapy

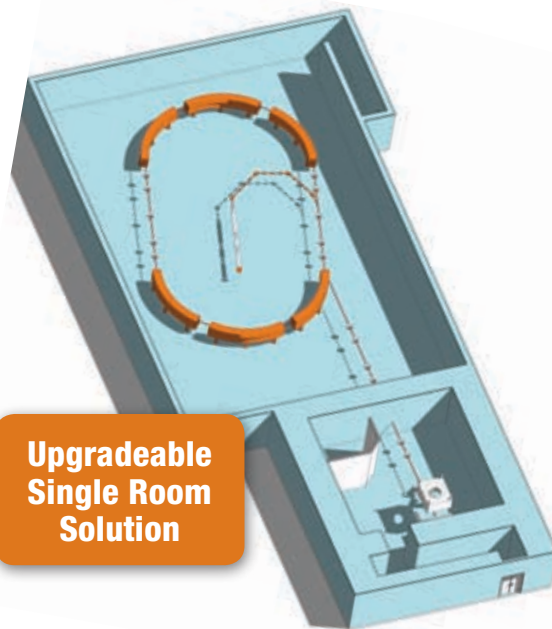
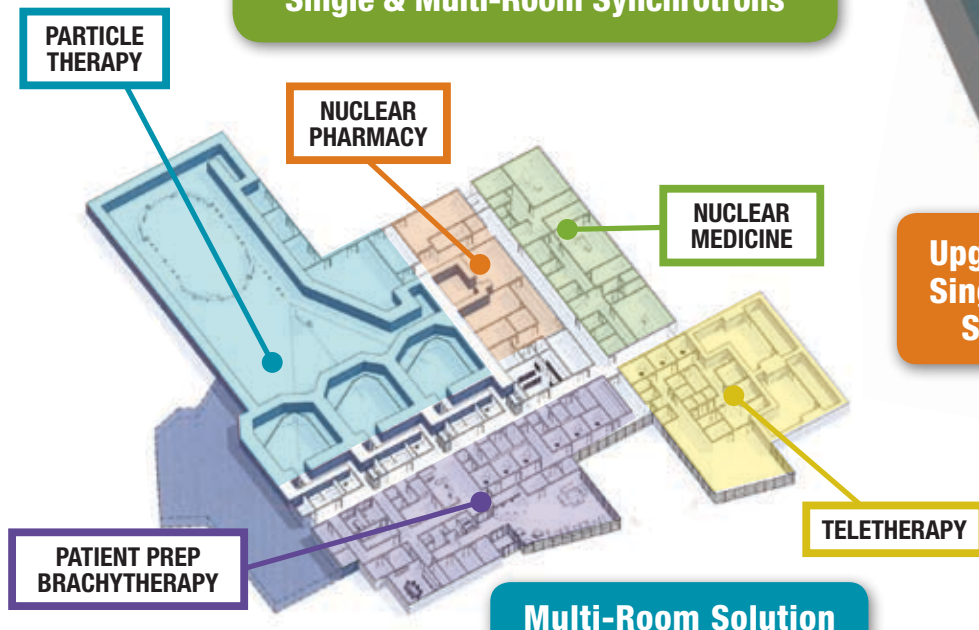
Visit the link below to read more:

http://www.teambest.com/news_press.html



ion Rapid Cycling Medical Synchrotron (iRCMS)

BestTM Particle Therapy Proton-to-Carbon Upgradeable Single & Multi-Room Synchrotrons



Upgradeable
Single Room
Solution

BEST RADIATION THERAPY & DIAGNOSTIC CENTER

