

# Best™ medical international

Ultrasound Imaging Systems, HDR Afterloader, Collimators, Medical Cyclotrons and Synchrotrons...plus much more!

Visit **TeamBest** at **RSNA 2019** • Booth #2001



## Best™ Sonalis™ Ultrasound Imaging System

The Best™ Sonalis™ Ultrasound Imaging System provides superior visualization of HDR, LDR, RF or Cryosurgical procedures.

- Longitudinal array provides for 140 mm length of view, encompassing bladder, prostate and perineum
- Simultaneous imaging of transverse and sagittal planes



## Best™ Cyclotron Systems 15, 20u/25, 30u/35 & 70 MeV

Turnkey systems that not only include a cyclotron specific to your isotope requirements, but also targets, automated radiochemistry, infrastructure, operations, and maintenance support.

- 2 Simultaneous extractions
- Multiple beam line configurations as per customer design
- Currents from 200uA up to 1000uA depending on model
- Best 20u and 30u are fully upgradeable on site



Installation of  
Best 70 MeV Cyclotron at  
Italian National Laboratories  
(INFN) Legnaro, Italy

## Best™ ABT Molecular Imaging

The BG-75 Biomarker Generator is a revolutionary development in radio-pharmaceutical production that delivers a single or batch dose of 18F-FDG, and additional advanced 18F biomarkers on demand. The system provides integration of all components needed to produce and qualify PET biomarkers into a single, self-contained system that occupies a fraction of the space required by conventional solutions, simplifying the implementation of PET.

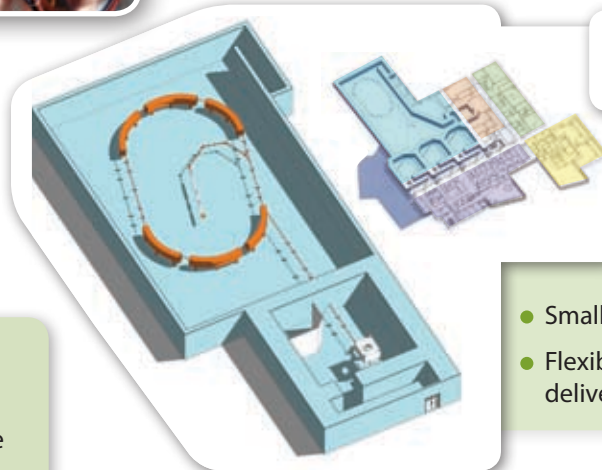


## Best Cyclotron Capabilities Summary

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

## Best™ 400 MeV ion Rapid Cycling Medical Synchrotron (iRCMS) for Proton-to-Carbon Heavy Ion Therapy

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

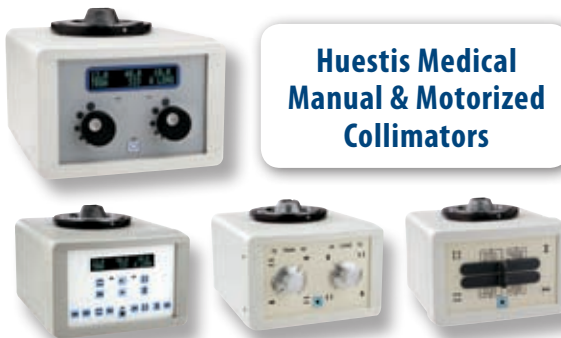


## Best™ HDR Afterloader



- Provides 20 channels for dose delivery
- Battery back-up in case of power failure and automated wire recovery
- Source wire tracking using sensors and encoders
- Available with Cobalt-60 or Iridium-192 sources. Also, Ytterbium-169 source available soon!

## Huestis Medical Manual & Motorized Collimators



The Huestis collimator line boasts an 80% reduction in discrete parts found in other collimators. Our streamlined design features a modular core assembly with perpendicular flat collimator blades for increased reliability and quick servicing.

Huestis Medical provides slide input manual and motorized versions to complement a wide range of radiographic applications.

\* Certain products shown are not available for sale currently.

TeamBest Companies © 2019

Best Medical International, Inc. 7643 Fullerton Rd, Springfield, VA 22153 USA  
tel: 703 451 BEST (2378) 800 336 4970 fax: 703 451 8421 www.teambest.com

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