

## Best™ Integrated Brachytherapy Solutions

More than 60 years have gone into making Brachytherapy more precise, with very few side effects or complications, and excellent clinical outcomes in the treatment of localized cancers.

TeamBest manufactures and provides comprehensive medical devices and accessories needed for a fully integrated Brachytherapy program including: providing assistance setting up, licensing, procurement of equipment, proctoring, reimbursement consulting, patient education and marketing.

In addition, TeamBest can make Brachytherapy treatment more affordable by charging per procedure!

Our Brachytherapy products are manufactured with pride in the USA – providing everything you need from One World • One Source • The Best!

- Ultrasound Imaging Systems
- HDR Remote Afterloaders/Accessories
- LDR/HDR Treatment Planning Systems
- Stepper/Stabilizers
- LDR/HDR Templates
- Radioactive Seeds & Markers
- Needles & Applicators...and more!

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[www.teambest.com](http://www.teambest.com)



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

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

## **Best™ Sonalis™ Ultrasound Imaging System**

The Best™ Sonalis™ Ultrasound Imaging System provides superior visualization of HDR, LDR, RF or Cryosurgical procedures. Our patented SimulView™ Technology provides simultaneous “live” views of the prostate in both planes, thereby increasing treatment accuracy and precision.

- Totally sealed, self-healing antimicrobial keyboard with SensoFoil® Technology
- Longitudinal array provides for 140 mm length of view, encompassing the bladder, prostate and perineum
- Simultaneous imaging of transverse and sagittal planes
- PC Based System provides a platform for future upgrades and application-specific modules

**Advanced Keyboard  
Technology**



## **Best™ Iodine-125 & Palladium-103 Seeds**

- We manufacture both I-125 & Pd-103 seeds in Springfield, Virginia USA
- Best Medical makes custom seeds and strands to your exact specifications — any source, any configuration, any time!
- Best visualization in ultrasound, fluoro, X-ray, CT and MRI, facilitating real-time dosimetry
- Assistance setting up new programs (licensing, procurement of equipment, proctoring, reimbursement consulting, patient education and marketing)

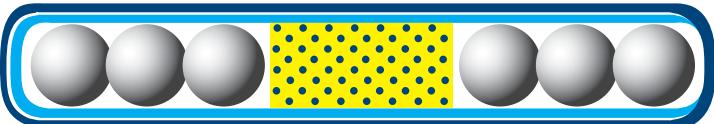
“A unique aspect of the Best™ seed is its 5 mm length. Best also provides 5 mm laser-cut spacers, which do not have flared edges. With the Best™ seed/spacer combination, we can be more confident of accurate seed placement.” †

“Best™ Model 2301 is the most isotropic of all the I-125 sources currently available. The source is a double encapsulated source.” ‡‡

### **Best™ Iodine-125 Seed**



### **Best™ Palladium-103 Seed**



We ship your order within

**24 hours**

Sterile and Non-Sterile

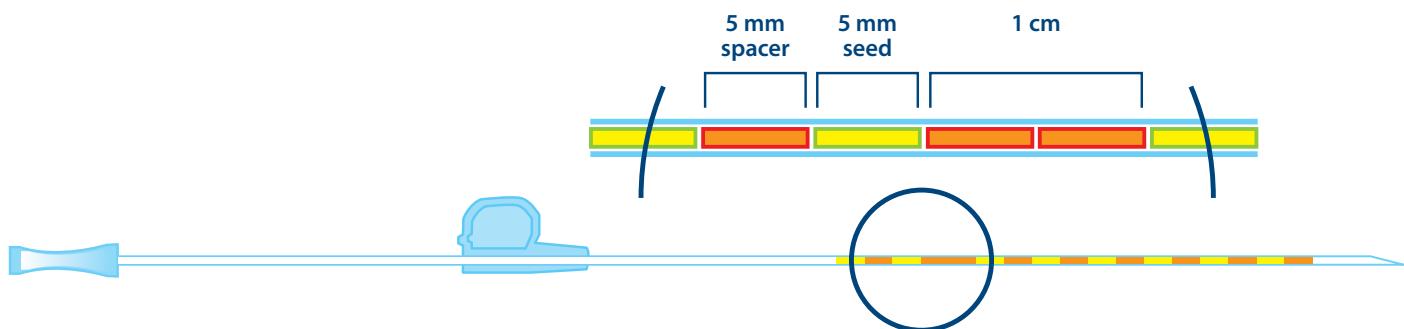
“Best™ Model 2301 seeds are of superior design as they show up more distinctly in transverse ultrasound and fluoroscopic images.” †

“Best™ Model 2301 characteristic x-rays have no significant effect on the photon spectrum and the source emits an essentially pure I-125 decay scheme spectrum.” ‡‡

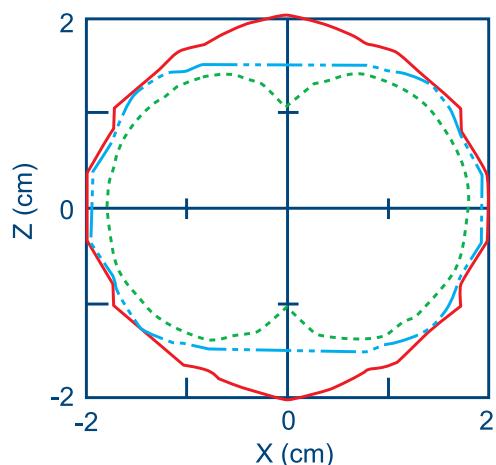
† Communication from J. Limmer, UW Cancer Center  
Wausau Hospital, Wausau, Wisconsin - Dated December 14, 2000

‡‡ B.H. Heintz, R.E. Wallace & J.M. Hevez, Med. Phys. 28(4) 671-682 (2001)

# One World — One Source — The Best!

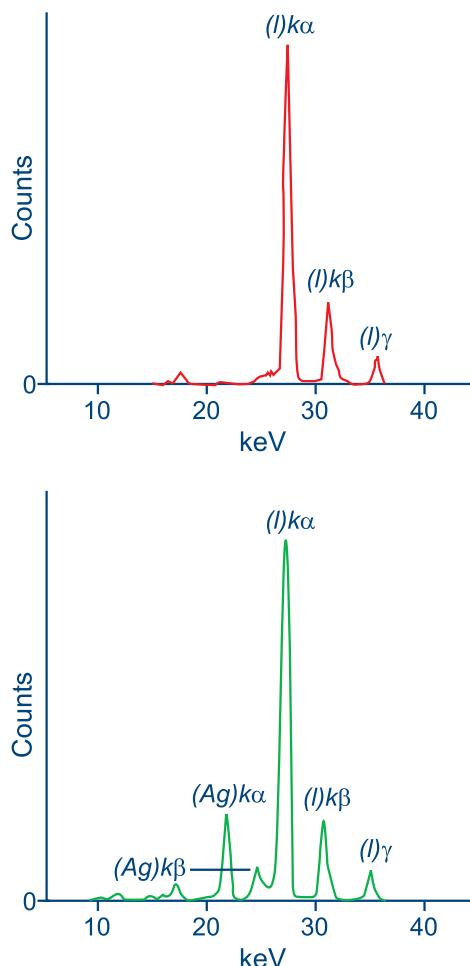


**Think 5**  
for accuracy!



**Experimentally Measured Isodose Curves of 20 cGy/h from I-125 Seeds, Best™ Model 2300 Series (solid red line), Model 6702 (broken blue line) and Model 6711 (dotted green line)**

Ravinder Nath and Anthony Melillo  
*Medical Physics, 20(5), 1480 (1993)*



**Comparison of Best™ 125 Iodine Seed Photon Energy (top) versus Model 6711 (bottom)**

*Presented by Surendra N. Rustgi, Ph.D.  
1991 AAPM Annual Meeting*

**BEST MEDICAL**

versus

**OTHERS**

We manufacture both I-125 and Pd-103 seeds in the U.S. and supply directly to hospitals.	Not all of them manufacture both seeds.
Our seeds are made with two titanium capsules. Because of this double-wall encapsulation, our seeds are mechanically strong and can be handled easily with regular forceps.	Use single-wall encapsulation or titanium tube. The seeds sometimes bend or crumble in handling, causing a problem in implantation.
Best I-125 seeds emit pure I-125 spectrum.	Not all of them emit pure I-125 decay scheme spectrum. Some of them emit silver x-rays, thereby lowering the average energy to close to that of Pd-103.
Best's seeds are rated the most isotropic for dosimetry and comply with AAPM and RTOG's dosimetry prerequisites for treatment and clinical trials.	Not all comply with these requirements, and not all seeds are isotropic.
Our seeds are very precise in physical dimensions. They are 5 mm long and 0.8 mm in diameter. Best's seeds fit Mick cartridges snugly and do not jam during implantation.	Seeds vary in length from 4.3 mm to 5 mm. Because of this, Mick cartridges were designed to accommodate up to 5.1 mm seeds, but seed length variation sometimes results in seeds jamming, causing them to rupture.
Spacers are precision made and are 5 mm in length and 0.8 mm in diameter.	Dimensions of spacers from other companies vary.
Our spacers are provided free of charge.	Others may charge for spacers.
Best provides sterile, pre-loaded Mick-style cartridges, needles and strands on short notice.	Not all of them provide on short notice.
Our seeds have the best visualization in ultrasound, fluoro, X-ray, CT, and MRI, facilitating real-time dosimetry.	Seeds do not always have excellent visualization in all media, and real-time dosimetry may not be easily accomplished.
We custom manufacture each order, thereby providing the exact seed activity the customer needs.	Not all of them provide exact activity needed. Customer is limited to a range of seeds available in inventory.
Our packaging is far superior and uses stainless steel containers and sturdy color-coded boxes – Green for Pd-103 and Blue for I-125 seeds.	Use lead containers and do not color-code packaging.
Best has been in Brachytherapy longer than any of its competitors – since 1977. Because of this, we understand patient concerns, the demand for perfection, and the needs of hospital personnel.	Many of them have been in brachytherapy for only a few years.
Best is open 8 am – 7 pm (Eastern Time), M–F. We can send shipments 7 days a week and as late as midnight M–F. We provide an emergency contact number and someone is available 24 hours a day to respond.	Not available.
We help set up new programs with licensing, procurement of necessary equipment, proctoring, reimbursement consulting, patient education, and marketing.	Not all of them provide this support.
Best is considered the “Gold Standard” for customer service and has consistently maintained its excellent reputation throughout its history of serving the Brachytherapy community.	Others are not as good as Best.
Best has a Total Solutions™ program for Prostate Cancer Treatment. We also manufacture Sonalis and TargetScan Ultrasound Systems, Stepper/Stabilizer, Treatment Planning Systems, Brachytherapy Chair/Table, etc.	Others do not.



tel: 703 451 2378 800 336 4970

## **Best™ HDR Remote Afterloader**

Best™ HDR Remote Afterloader provides 20 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.

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



## **Best<sup>TM</sup> Stepper/Stabilizer**



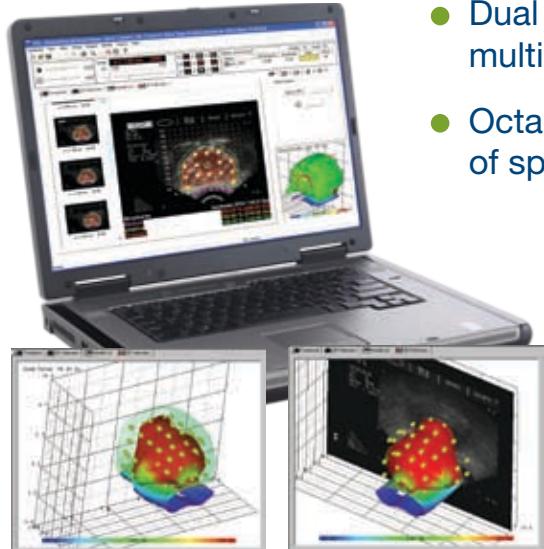
- Patented cradle design provides for the absolute calibration of the transverse ultrasound image
- Infinite travel in all six axes allows for smooth, one-handed positioning without requiring fine adjustments
- Fully autoclavable for rapid OR turnaround
- Mounts to multiple-width tables and all standard rail dimensions

## **Best<sup>TM</sup> UCT-1000 Universal Chair/Table**

- 4-Function Hand-Held Pendant (Control)
- Electronic variable height control, back support, foot support and horizontal tilt 12 degrees – head or foot
- Padded variable height intravenous arm rest
- Removable Stainless Steel IV Pole
- Stainless steel bilateral cushioned knee supports
- Useful for brachytherapy, urology, GYN and other applications



## **Best™ Treatment Planning System (TPS)**



- Dual Activity Module creates treatment plans using multiple activity sources
- Octant Therapy™ Module allows view of DVH values of specific prostate volumes
  - Slice Shifter™ provides ability to correct image slice positioning errors
- Concurrent 2D & 3D Visualization allows instant visualization of seed placement, dose distribution & anatomical structures
- Pattern Load Feature – User-definable seed patterns can be used to initiate new plans

## **Best™ Double-Balloon Breast Brachytherapy Applicator**



- Improved dose distribution and conformality
- Less dose to critical organs such as skin, lung, heart, chest wall, etc.
- Convenient to use
- US FDA 510(k) registered

## **Best™ Intra Luminal Balloon Applicator (Esophageal)**



- Optimized dose delivery
- Soft flexible design for patient comfort
- Different sizes available to provide for selection flexibility
- Separate treatment catheter markers available for imaging and treatment planning