

“No one needs to die  
of prostate cancer.”

– Krish Suthanthiran  
President, Best Medical  
Team Best **Companies**

# Accelerating Innovation



healthcare for everyone

# Go for the Best<sup>®</sup> for your patients!



Thank you for choosing the very best for your patients!



**Best<sup>®</sup>**

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Affordable Treatments with Best® Gamma Teletherapy™

- **Proven Reliability**
  - 45,000 treatments performed worldwide every day
  - Some centers treat 100+ patients/day
  - ~ 2700 installations worldwide
- **Cost Effective**
  - Lower infrastructure demands
  - Reduced QA demands

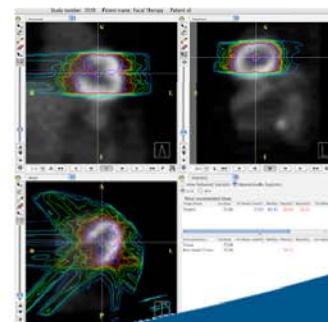
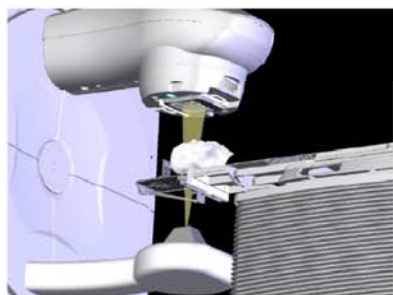


**Theratron® Equinox™**

**Thank you for choosing the very best for your patients!**

# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

- Taking an active role in modernizing gamma teletherapy by adding tools that will allow clinicians to precisely target tumors and reduce side effects:
  - Multi-Leaf Collimators [MLC]
  - 3D Conformal Radiation Therapy [CRT]
  - Intensity Modulated Radiation Therapy [IMRT].
  - Image Guided Radiation Therapy [IGRT].
- Cost-effective treatments delivered at much lower initial and operating costs than comparable technologies.



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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Best® Sonalis™ Imaging System

- ▶ Totally sealed, self-healing antibacterial keyboard with SensiFoil™ 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



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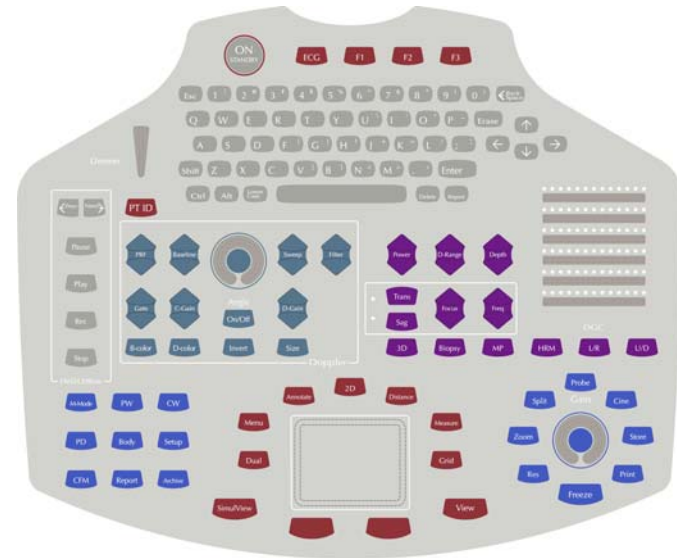
  
**Best®**  
healthcare for everyone

# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Sonalis Keyboard Upgrade



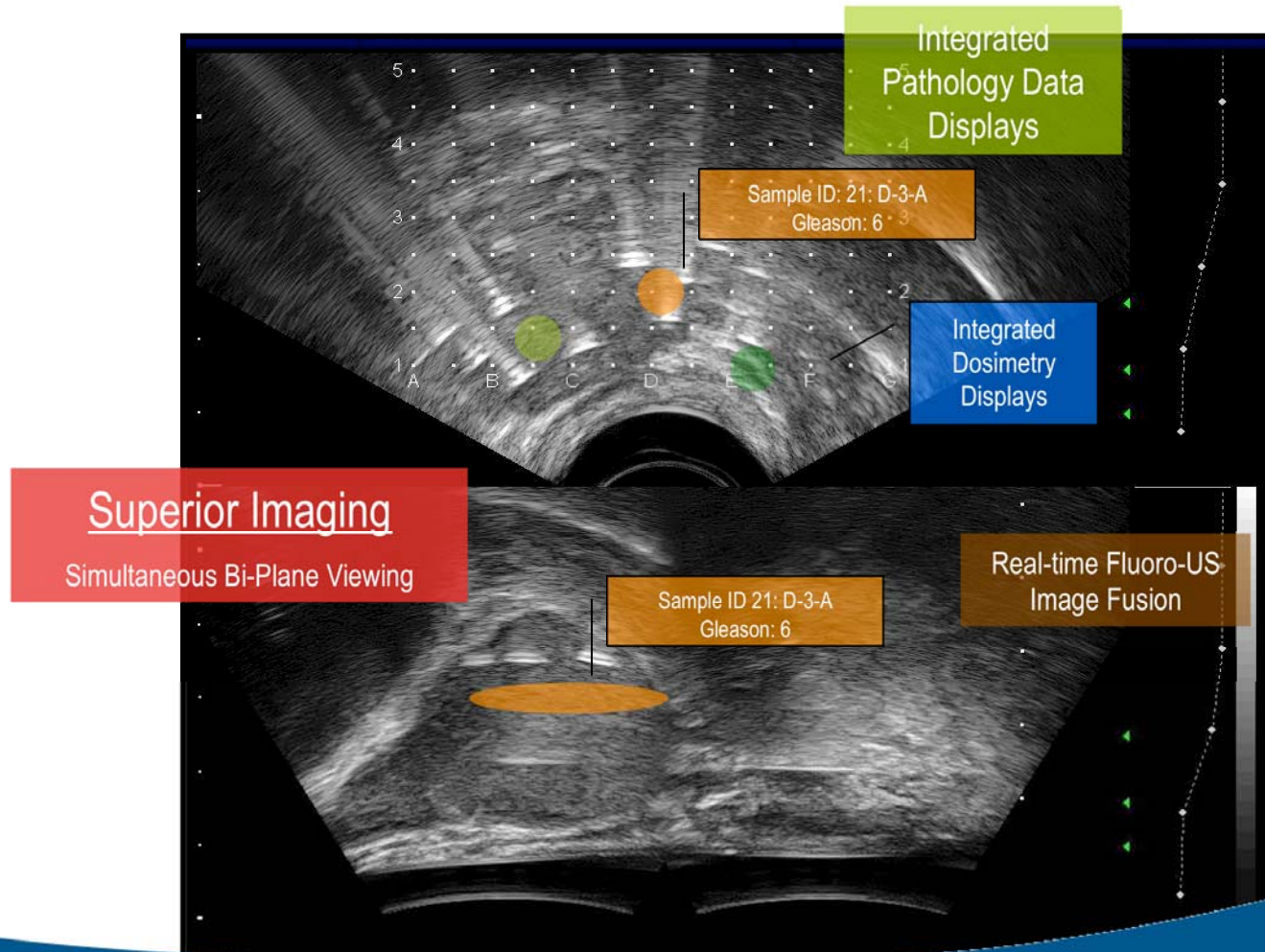
Old Style Keyboard



**NEW** Sealed  
Antibacterial Keyboard

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®



**Integrated  
Imaging/  
Targeting  
Systems**

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Application Software Upgrades

Multi-Modality Image Fusion Overlays (MRS/PET)

TPSB Support – Pathology Mapping

TPSB Support – Pathology Mapping

TRUS Biopsy

## Probe Development

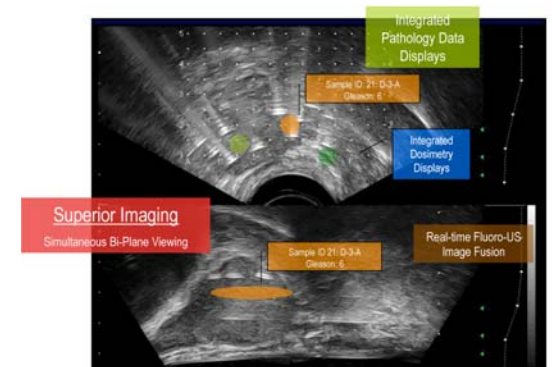
Laparoscopic Probes

Breast SimulView

Biopsy End-Fire

## Hardware Improvements – Better Imaging

Sonasis SimulView Imaging Technology Platform



**Integrated Imaging Displays**

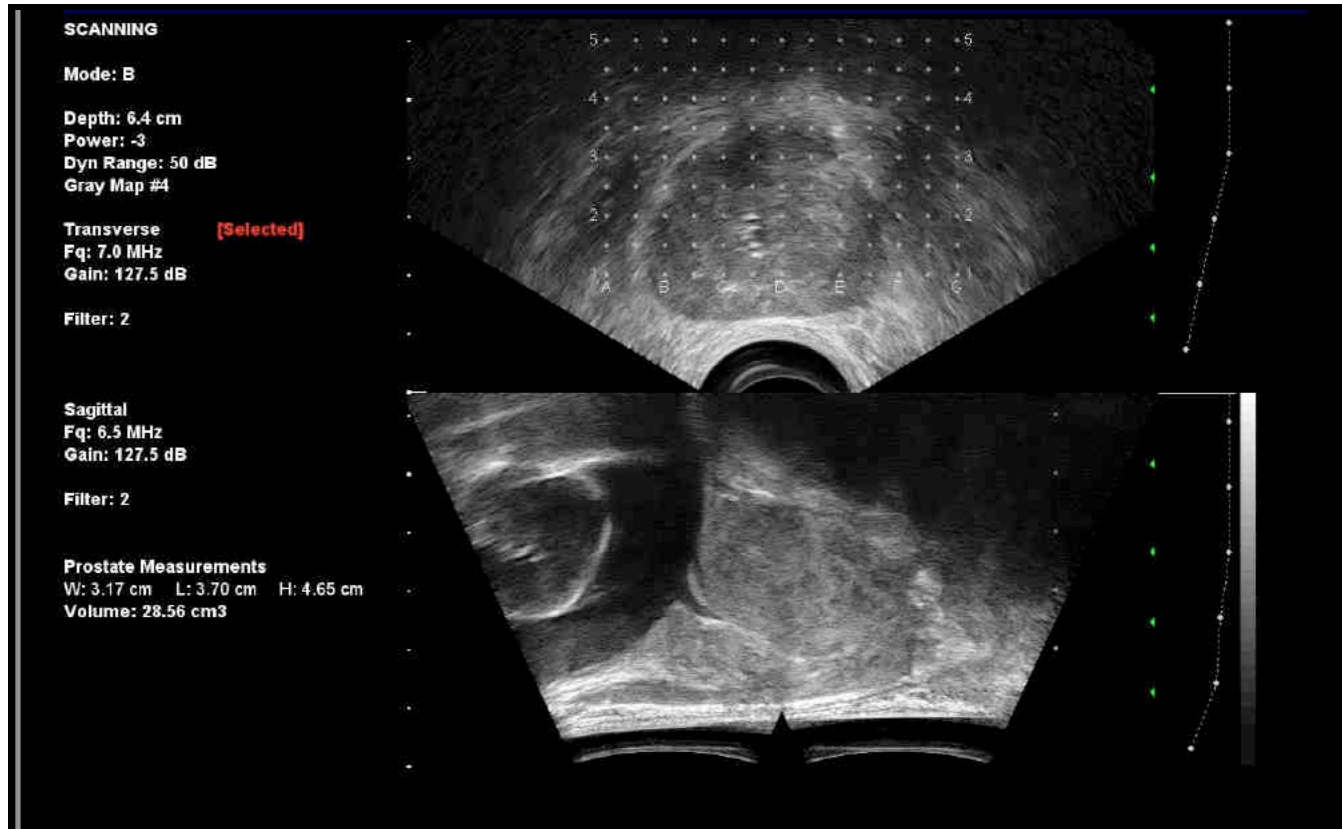
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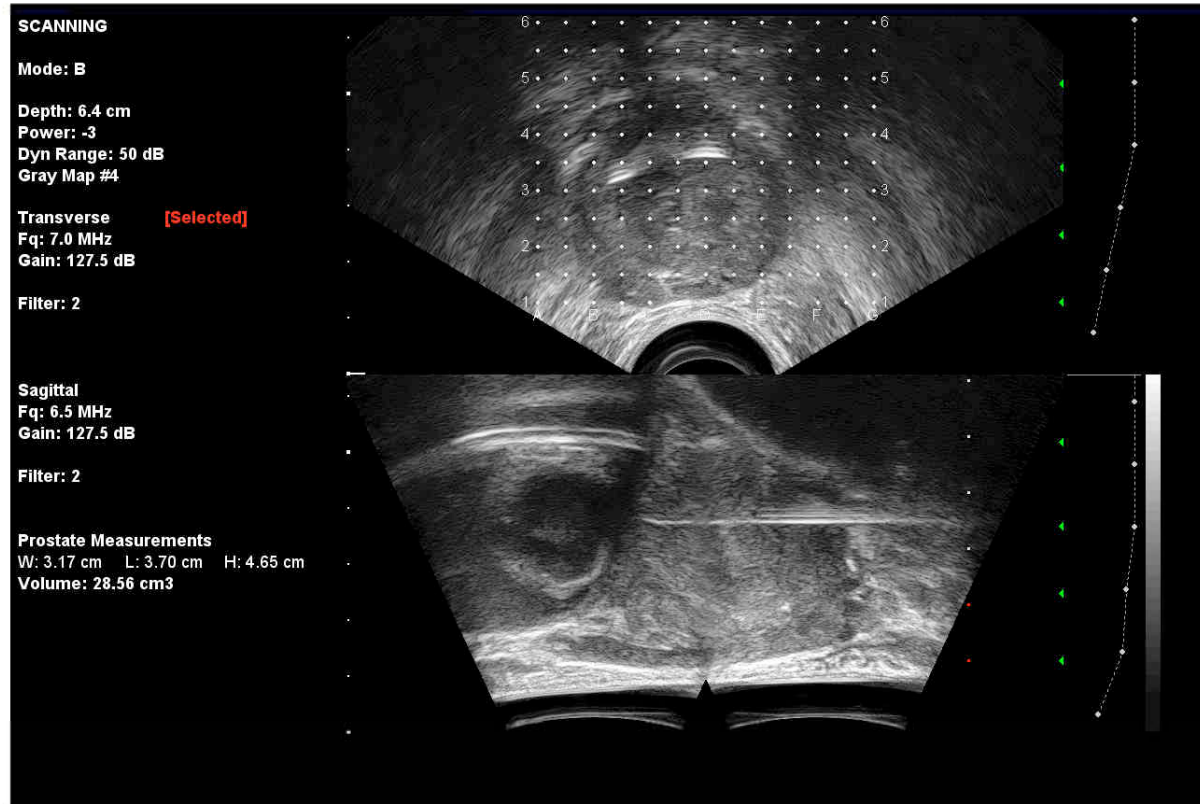
# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®



SimulView Image with Balloon in Bladder, Seminal Vesicles, Urethra and Bulb Clearly Visible

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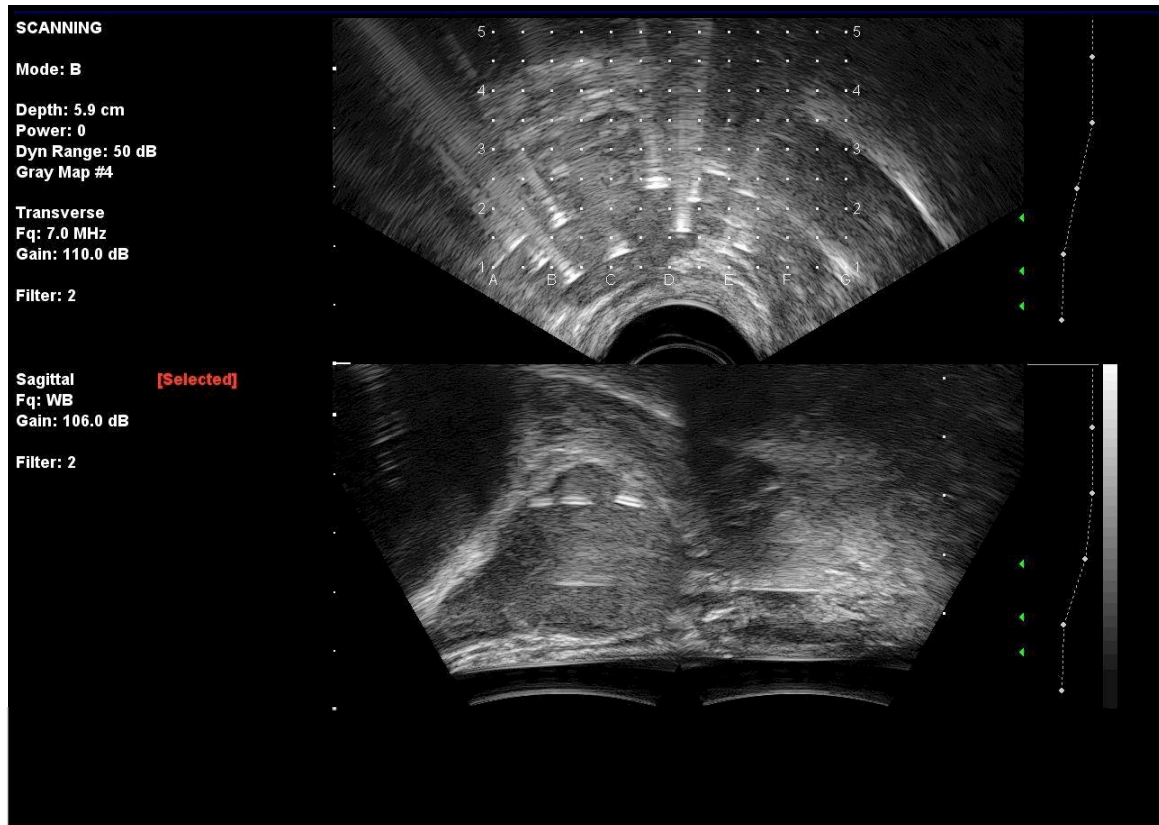
# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best<sup>®</sup>



SimulView Image Resolving Entire Length of  
Implant Needle

Thank you for choosing the very best for your patients!

# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

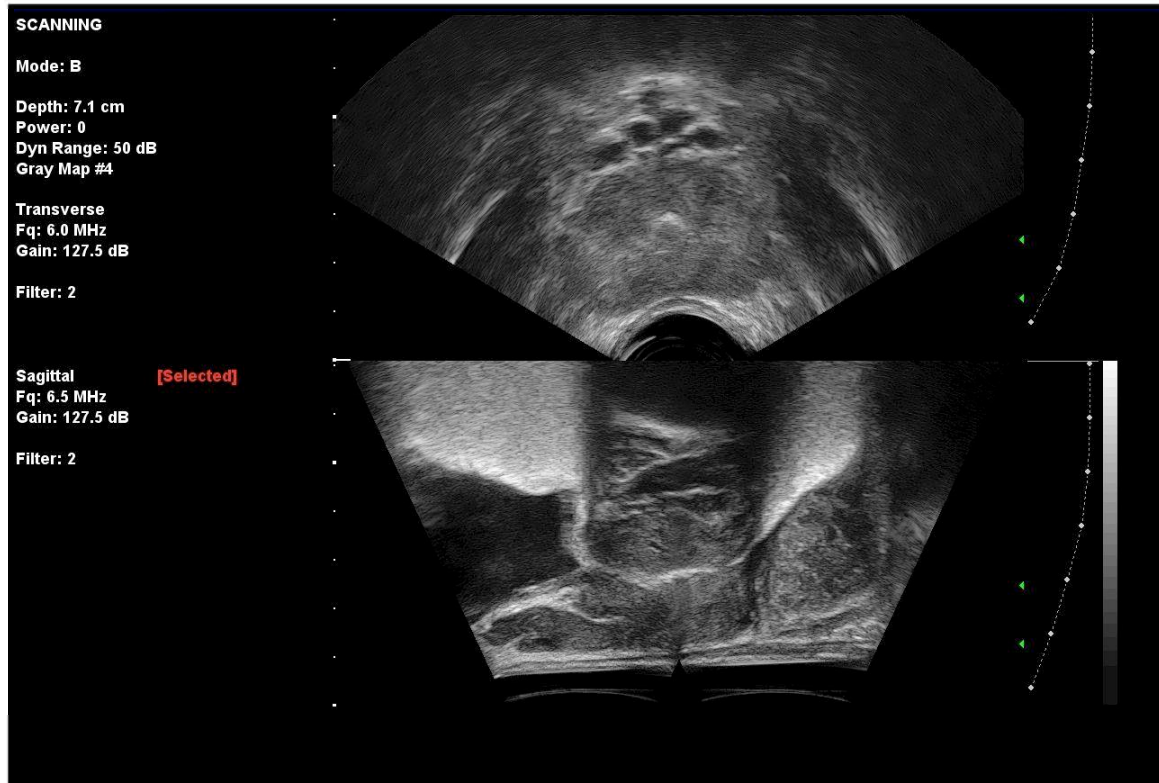


SimulView Image Resolving Seed Train

Thank you for choosing the very best for your patients!



# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®



SimulView Image without Catheter Resolving Venus Plexus, Urethra, Seminal Vesicles and Bulb

Thank you for choosing the very best for your patients!

# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®



## BATCAM™ Multiprobe Ultrasound Real-time Patient Positioning

- Scan and Align in One Step
- Real-time Tracking from Any Angle
- Multi-room Battery Enabled Versatility
- Superior Image Quality with 128 Element Ultrasound Probe
- Enhanced “Non-Invasive” Patient Positioning in Less Time

Thank you for choosing the very best for your patients!

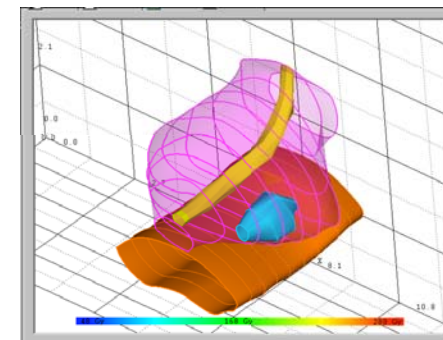


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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Best® Treatment Planning Software (Best® TPS)

- Laptop based TPS
  - Concurrent 2D/3D Visualization
  - Easy to use GUI workflow
  - Planning templates
- Future Directions
  - Pathology mapping/octant dosimetry
  - Integrated data flows between pathology and treatment planning



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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®



## Best® Universal Chair / Table

### Electronic

- Variable Height Control
- Variable Back Support
- Variable Foot Support
- Horizontal Tilt 12 Degrees – Head or Foot

### 4-Function Hand-Held Pendant (Control)

### Removable Stainless Steel IV Pole

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

Best® Universal Chair / Table



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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

Best® Universal Chair / Table



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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Best® Universal Chair / Table



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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Best® 6000 Precision™ Stabilizer



- ▶ Patented fine-tuning of ultrasound transducer depth for greater accuracy
- ▶ Probe mount rotates 110 degrees for convenient use of sagittal view
- ▶ Fast and easy positioning in six axes saves treatment time
- ▶ Convenient fine adjustments accommodate prostate movement
- ▶ One-person assembly and operation
- ▶ Lightweight unit folds for easy transport
- ▶ 100% autoclavable

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®



Best® STP 110  
Precision™ Stepper

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best<sup>®</sup>



## MOSFET Dosimeters

mobileMOSFET Wireless &  
Portable Dosimeter Dose Verification Systems

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## TN-RD-70-W mobileMOSFET System

### Features:

- Advanced software with dosimetry report and data export
- Standard system for 1–5 MOSFETs or one Linear Sive Array
- Expands up to 8 Readers and 40 MOSFETs simultaneously
- Portability among multiple treatment rooms



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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## TN-RD-90 Portable Dosimeter System



### Features:

- Supports two MOSFET dosimeters
- Handheld, stand-alone system
- No software or computer necessary
- Optional data export via USB and PortableDose Connect software

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best<sup>®</sup>

## MOSFET Dosimeters

### Features:

- Small, lightweight and versatile
- Ideal for a variety of radiotherapy and radiology applications
- No angular dependence (isotropic, +/- 2% for 360°)
- Active area of 0.2 x 0.2 mm

### Also available:

Standard sensitivity model TN-502 – reinforced, micro, linear, radio-opaque marker

High sensitivity model TN-1002 – reinforced, micro, linear, radio-opaque marker



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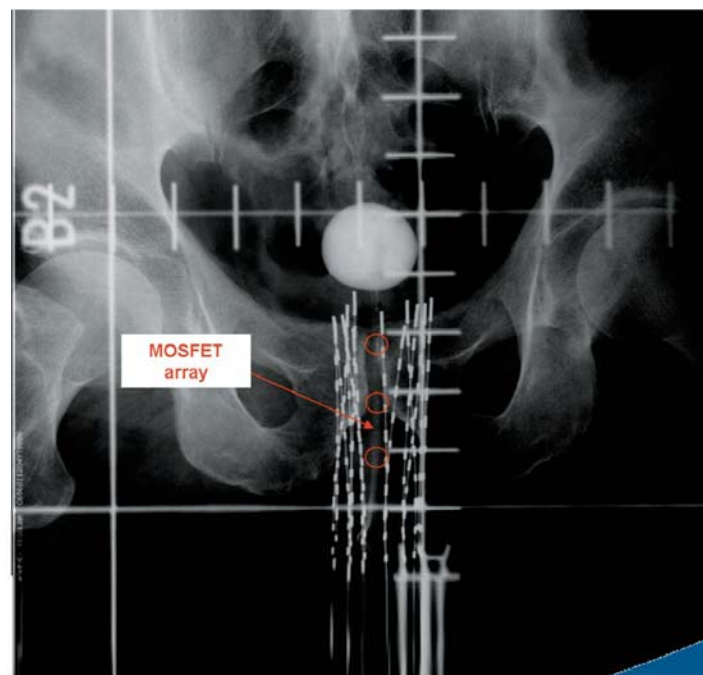
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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best<sup>®</sup>

## Real-Time In-Vivo Dosimetry

- The first and only commercially available combination that allows for the real-time quality assurance of all brachytherapy procedures, without a significant investment in extra time
- The Linear Array is used for various HDR applications such as prostate and gynecological Brachytherapy using model TN-252LA5
- When placed on the surface of the breast, the array can also validate MammoSite<sup>™</sup> treatments



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# Go for the Best<sup>®</sup> for your patients!

Which of the following companies is still the most reliable and trusted source of **Iodine-125** and **Palladium-103** seeds for prostate brachytherapy?

Best<sup>®</sup> Iodine-125 Seed



Best<sup>®</sup> Palladium-103 Seed



✓ **Only Best Medical International!**

**Best Medical International**

~~Coloplast~~

~~Cytogen~~

~~DraxImage~~

~~Imagyn Medical~~

~~Implant Sciences~~

~~International Isotope~~

~~Isotope Products Laboratory~~

~~Mallinckrodt~~

~~Med Tec~~

~~Mentor~~

~~Mills Pharmaceutical~~

~~NASI~~

~~PSA~~

~~Source Tech~~

~~Syncor~~

~~UroCor~~

~~UroMed~~



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Thank you for choosing the very best for your patients!

# Go for the Best<sup>®</sup> for your patients!

- We manufacture both I-125 and Pd-103 seeds in the U.S. and supply directly to hospitals
- Best<sup>®</sup> seeds have the best visualization in ultrasound fluoro, X-ray, CT and MRI, facilitating real-time dosimetry
- We help set up new programs, with licensing, procurement of necessary equipment, proctoring, reimbursement consulting, patient education and marketing

**We ship within  
24 HOURS  
Sterile or Non-Sterile**

**Celebrating our  
33<sup>rd</sup> Anniversary!**

Thank you for choosing the very best for your patients!





# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best<sup>®</sup>

**“The source strengths of Best<sup>®</sup> seeds are uniformly distributed and the values always fall within the  $\pm 3\%$  criterion.”<sup>1</sup>**

<sup>1</sup> Communication from Khai Lai  
Kreitton Oncology Services  
Shoreline, Washington  
Dated March 8, 2001

<sup>2</sup> B.H. Heintz, R.E. Wallace & J.M. Hevezi  
Med. Phys. 28(4) 671-682 (2001)

**“Best<sup>®</sup> Model 2301 is the most isotropic of all the I-125 sources currently available. The source is a double encapsulated source.”<sup>2</sup>**

**“Best<sup>®</sup> 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.”<sup>2</sup>**

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best<sup>®</sup>

**“Best<sup>®</sup> Model  
2301 seeds are of  
superior design as they  
show up more distinctly in  
transverse ultrasound and  
fluoroscopic images.”<sup>1</sup>**

<sup>1</sup> Communication from J. Limmer  
UW Cancer Center, Wausau Hospital  
Wausau, Wisconsin  
Dated December 14, 2000

<sup>2</sup> Jeff Limmer, Medical Physicist

**“A unique aspect of the Best<sup>®</sup> seed  
is its 5 mm length. Best also provides  
5 mm laser-cut spacers, which do not have  
flared edges. With the Best<sup>®</sup> seed/spacer  
combination, we can be more confident  
of accurate seed placement.”<sup>1</sup>**

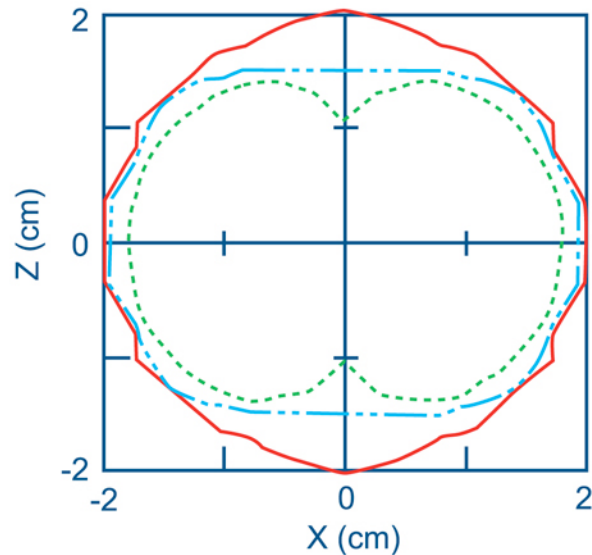
**“Delivery of the specific  $S_k$  for any  
given date, delivered on the date requested  
prior to the procedure. Extremely high level of  
flexibility, e.g. seed date changes, activity  
changes, etc. Prompt, courteous customer  
service, and low price.”<sup>2</sup>**

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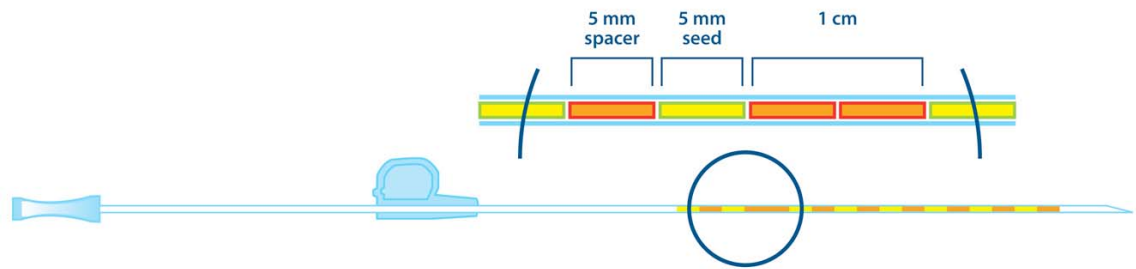
**Best<sup>®</sup>**  
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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®



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)*



**Best® Iodine-125 Seed**



**Best® Palladium-103 Seed**



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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Best® Canisters & Cartridges



Best® Stainless Steel  
Canister – SMALL



Best® Stainless Steel  
Canister – LARGE



Best® Cartridges



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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®



## I-125 & Pd-103 Strands in Sterile Needle Sets

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best<sup>®</sup>



## Iodine-125 Packaging – Color-Coded BLUE

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best<sup>®</sup>



## Palladium-103 Packaging – Color-Coded GREEN

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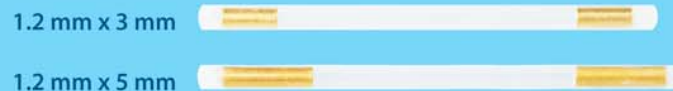
# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Best® Radiopaque Gold Marker Strands

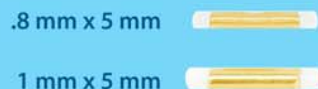
### 1 cm spaced (center to center)



### 2 cm spaced (center to center)



### Stranded single markers



Custom strands and loose markers are also available!

*All strands pictured have been enlarged from actual size for ease of viewing.*





Why Medical Physicists, Radiation  
Oncologists and Urologists Prefer Best®

## Best® Fiducial Markers



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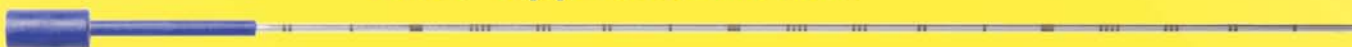


# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Best® Brachytherapy Needles



Prostate Stabilization Needle



Best® Applicator Needle



Best® Applicator Needle



Prostate Square Hub Needle



Prostate Round Hub Needle



# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best<sup>®</sup>

## Best<sup>®</sup> Brachytherapy Needles

Sharp End Template Needle



Closed End Template Needle



Open End Needle with Funnel



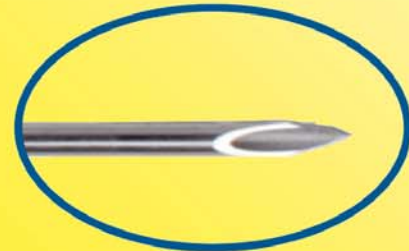
Open End Template Needle



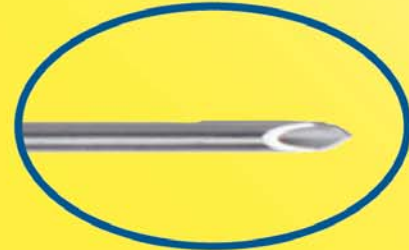
# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Best® Brachytherapy Needles

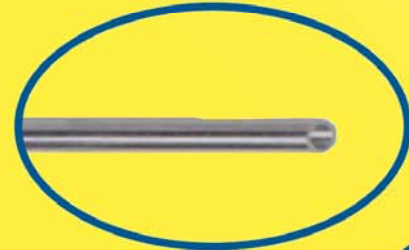
17G 30° Implant Needle



17G 45° Implant Needle



17G 60° Implant Needle





# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®



**Flexi Needle Tray**

## Flexi Needle Set



**Tungsten Rod**



**Flexi Needle with Female Hub**



**15G Flexi Needle with Stainless Steel Sleeve**



**15G Flexi Needle**



**16G Flexi Needle**



**17G Flexi Needle**

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

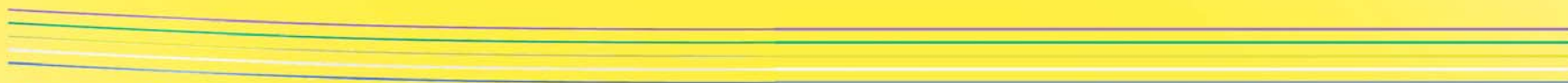
## Best® Brachytherapy Kit



5 Implant Needles



5 Stylets with Hubs



5 Single Leader Catheters\*



5 Friction Cuffs



5 Half Moon Buttons\*\*



5 Red Caps

\* Catheter tubes are available in 5 colors (purple, green, yellow, clear or blue) with either radiopaque or clear nylon buttons.

\*\* Half Moon Buttons are available in radiopaque (pictured) or clear nylon.

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

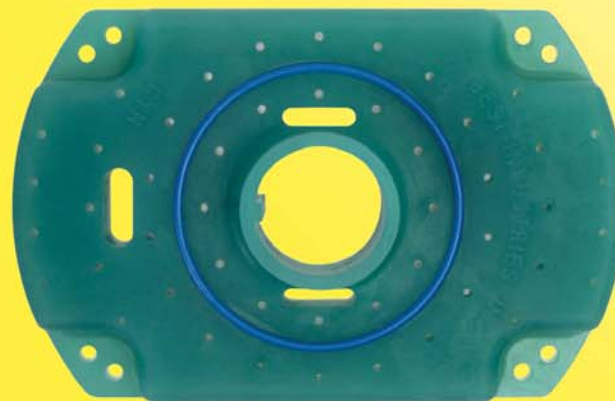


**Central Rod (Reusable)**



**GYN Template (Reusable)**

## **Best® GYN Templates**



**LDR GYN Template (Disposable)**

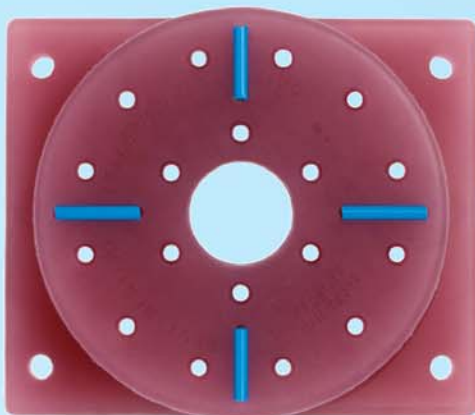
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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

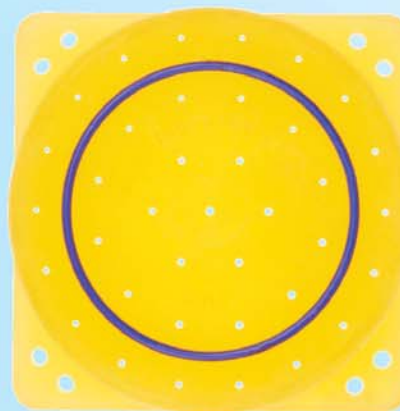


LDR Prostate Template (Disposable)



HDR Prostate Template (Disposable)

## Best® Prostate & Rectal Templates



Rectal Template (Disposable)

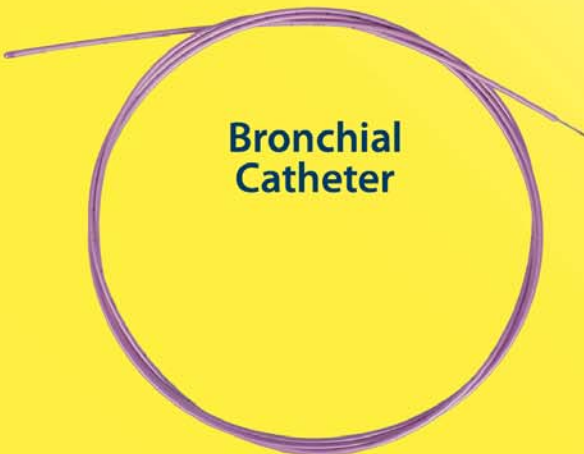
Thank you for choosing the very best for your patients!



# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## Best® LDR/HDR Accessories

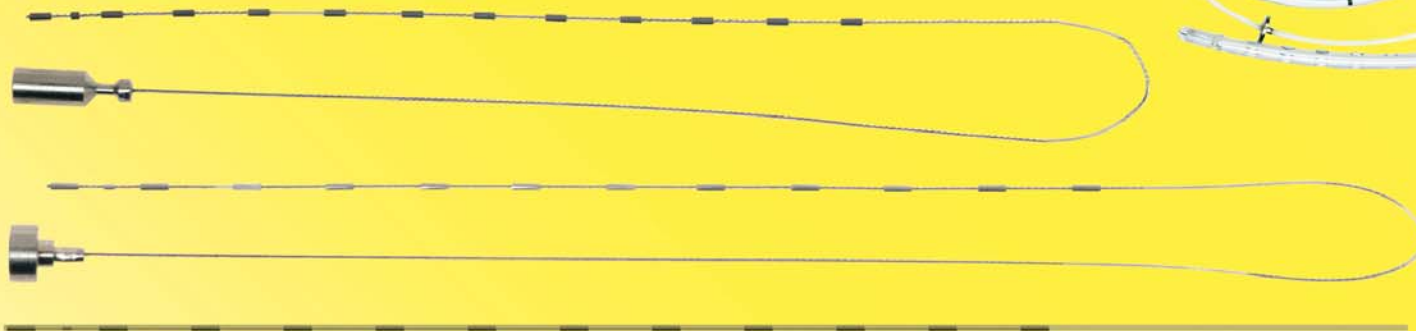
Bronchial Catheter



Esophageal Applicator



X-ray Marker Cables



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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®



## MediBoard

The PC keyboard for medical environments

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# Why Medical Physicists, Radiation Oncologists and Urologists Prefer Best®

## MediBoard without Mousepad

---

- Integrated numeric keypad
- Keyboard with 105 keys
- Antimicrobial surface
- Viruses & bacteria don't have a chance
- Plug & Play - no installation needed
- Can be fully disinfected without disconnecting



## MediBoard with Mousepad

---

- Integrated numeric keypad
- Keyboard with 90 keys
- Antimicrobial surface
- Viruses & bacteria don't have a chance
- Plug & Play - no installation needed
- Can be fully disinfected without disconnecting



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# Go for the Best<sup>®</sup> for your patients!

For more information visit:

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

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

[www.theratronics.ca](http://www.theratronics.ca)

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

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

[www.mosfet.ca](http://www.mosfet.ca)

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

[www.cure.lu](http://www.cure.lu)



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– Krish Suthanthiran  
President, Best Medical  
Team Best **Companies**