

Iodine-125 and Palladium-103

Patented Double Wall Best® Iodine-125 Source

Model # 2301



Best® Iodine-125 and Best® Palladium-103 Seeds:

- Double Wall Encapsulation
- Traceable to NIST₁₉₉₉ Calibration Revised for 2000
- Sterile Absorbable Strands (Customer's Prescription)
- Sterile, Pre-Loaded Needles (Customer's Choice of Needles)
- Loaded in Mick Cartridges, Sterile or Non-Sterile
- Loose Seeds

5 mm Seeds — 5 mm Spacers

- Seeds and spacers are the same length (5mm). Double wall encapsulation and uniform wall thickness with superior dose distribution. Consistent quality, and seeds fit Mick cartridges.
- Excellent visualization with Ultrasound, X-ray, Fluoro, CT and MRI. **Real time dosimetry possible with Best® seeds.**
- Complies with AAPM's dosimetric prerequisites

Patented Double Wall Best® Palladium-103 Source



Model # 2335

Best Medical International, Inc. 7643 Fullerton Road, Springfield, VA 22153 USA
phone 703 451 2378 800 336 4970 fax 703 451 5228 www.bestmedical.com


healthcare for everyone

Best® Iodine-125 and Best® Palladium-103 Sources

- Patented Double Wall Titanium Encapsulation with uniform wall thickness
- Tungsten Marker—excellent images of source in ultrasound, X-ray, CT, MRI, and fluoro—far superior to other commercially available sources
- Source Calibration traceable to NIST₁₉₉₉ Calibration revised for 2000
- Sources and spacers are the same length (5.0 mm nominal) and diameter (0.8 mm nominal), fitting Mick cartridge snugly
- Custom made high quality spacers and Mick cartridges provided at no cost
- Sources can be provided as loose seeds; loaded in needles with spacers, sterile; loaded in strands, sterile; preloaded in Mick cartridges

Patented Double Wall Best® Iodine-125 Source (Model 2301)

Source Trade Name: **Best® Iodine Source**
Marker: **Tungsten**
Model #: **2301**
Dose Rate Constant: **(NIST 1999 with 2000 modification)**
External Length: **5 mm (Nominal) 1.02 cGy/hr/U**
External Diameter: **0.8 mm (Nominal)**

Patented Double Wall Best® Palladium-103 Source (Model 2335)

Source Trade Name: **Best® Palladium Source**
Marker: **Tungsten**
Model #: **2335**
Dose Rate Constant: **(NIST 1999 with 2000 modification)**
External Length: **5 mm (Nominal) 0.70 cGy/hr/U**
External Diameter: **0.8 mm (Nominal)**

To Place an Order, Call (800) 336-4970 or Fax (703) 451-4852

References:

- 1) A.S. Meigooni, D.M. Gearheart, and K. Sowards, Med. Phys. 27, 2168-2173 (2000)
- 2) S.W. Peterson and B. Thomadsen, Brachytherapy 1, 110-119 (2002)
- 3) R. Nath and N. Yue, Brachytherapy, 1, 102-109 (2002)

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Sterile Seed Products

I-125

Part #	Description
10165-1	I-125 Strands in a Pack
10165-3	Needle w/I-125 Sources in Strands in a Tray
10165-4	Needle w/I-125 Loose Sources in a Tray
10165-17	Needle w/I-125 Loose Sources and Strands in a Tray
10113-11	Cartridge with I-125 Sources in a Pouch



Pd-103

Part #	Description
15165-1	Pd-103 Strands in a Pack
15165-4	Needle w/Pd-103 Loose Sources in a Tray
15165-9	Needle w/Pd-103 Sources in Strands in a Tray
15165-11	Needle w/Pd-103 Loose Sources and Strands in a Tray
15113-4	Cartridge with Pd-103 Sources in a Pouch



Available from Best® within 24 hours:
Best® I-125 and Pd-103 seeds in sterile packing



- Best® Custom Strand (Per Your Prescription)
- Best® Standard Strand (10 Seeds/Strand Spaced 1 cm Apart)
- Best® Real Time Strand/Needle (Use Our Loader in the OR)
- Best® Seeds and Spacers in Pre-loaded Needles
- Cartridges
- Loose Seeds

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Best ADVANTAGE

- We are the largest supplier of Iridium 192 and Gold 198 seeds in the world.
- We are the first and only provider of Iridium 192 in nylon ribbons in a wide range of activities from 0.10 to 10 mg Raeq per seed or 0.3 to 30 mg Raeq per centimeter.
- We are the first and only company to provide custom service for Gold 198 permanent implants as well as a wide range of activities from 0.1 to 30 mCi per seed.
- We are the only company to provide a number of custom-made accessories for temporary and permanent implants in Brachytherapy.
- We are the first and only company to call our customers the morning after shipping to inform them of mode of transportation and expected arrival time.
- We can supply Ir-192, Au-198, Pd-103, I-125 and Brachytherapy accessories on a single Purchase Order.
- We ship most materials within 24 hours of receipt of the order.

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