

Kreitton Oncology Services, LLC

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July 15, 2001

To: Krishnan Suthanthiran
Manny Subramanian, Ph.D.
Sankara Ramaswamy
Best Medical International
7643 Fullerton Road
Springfield, VA 22153

Dear Krish, Manny and Rama,

I am writing to commend you all on the quality of the Palladium seeds that you have provided. I have used Best Pd-103 seeds for one implant case thus far, and I really like the construction and the physical look of the seeds. Physically, Best seeds have a different “glow” and are longer in length, making them quite distinct from other Palladium vendors. Radiographically, Best seeds also register better on x-ray and fluoroscopy than sources from other Palladium vendors.

I would like to sum up the “Best” Advantage with the following highlights:

- ❖ Best seeds are of superior design as they show up more distinctly on transverse ultrasound and fluoroscopic images. The improved visualization on ultrasound may prove to be very useful in providing post-implant quality assessment through **real-time dosimetry**.
- ❖ The 5mm seed and spacer design has allowed me a greater flexibility in optimizing prostate pre-plans. I frequently design special loaded needles with various seed to seed combinations to better conform to the shape of the prostate and to reduce the number of needles used. The seed and spacer lengths match the 5mm stepping intervals used in volume study; with various seed to seed combinations and extra spacers in the needles, the concern about seeds not positioned in the right plane is, therefore, greatly minimized.
- ❖ On the physics side, the calibration value (Best $0.444 \text{ uGy m}^2 \text{ h}^{-1}$ per pA) is very similar to that of Mentor ($0.446 \text{ uGy m}^2 \text{ h}^{-1}$ per pA), which assures me that Best Palladium seeds are manufactured according to industry standards and that comparable isodose distribution can be obtained with essentially the same amount of source activity. The added advantage is that no re-planning may be necessary if seeds are not immediately available from one vendor.
- ❖ The source strengths of Best Palladium seeds are well within the $\pm 6\%$ criterion.
- ❖ The source container design is of superior quality. The glass vial fits comfortably into the broader base of the container and the whole assembly (minus the white cap) can be autoclaved without great fear of tipping over or damage to the container label. With other

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vendor's container, autoclaving can cause the paint and the label to become brittle, thus leading to peeling.

You have done a great job and I would continue using Best Palladium seeds. I will be delighted to be your source of reference should such a need arise.

Best Regards,

A handwritten signature in black ink, appearing to read 'Khai Lai', with a large, sweeping flourish at the end.

Khai Lai, MSNE, CNE, CMP
President
Kreitton Oncology Services, LLC