

To: Our Valued Xenon Xe-133 Gas Customers

September 30, 2014

Beginning October 8, 2014, Lantheus Medical Imaging, Inc., is making a change to our blue one-vial and five-vial lead shipping tubes to provide a more robust Xenon-133 shipping package. Lantheus Xenon-133 is shipped to our customers in radioactive materials Type A packages that must meet rigorous design and testing criteria. These criteria are specified by the Department of Transportation (DOT) and the International Air Transport Association (IATA) Dangerous Goods Regulations.

We are also updating our Xenon-133 shipping boxes, for both our “one-pack” and “two-pack” shipping configurations. The implementation will take place using a two-phase approach. The updated one-pack shipping box will be introduced during phase one, followed by the two-pack shipping box in phase two. Some customers may see an increase in the number of boxes they receive as a result of our phased implementation strategy. We expect the full implementation of the one and two-pack shipping boxes to be completed by year end.

The new lead cap will have a silicone O-ring that provides excellent containment of Xenon-133 should a vial break or leak during transport. The cap is not threaded but held in place by friction between the O-ring and polished inner tube surface. The cap can be removed by twisting in either direction, while pulling straight up. The cap outer diameter was increased slightly and the edges were treated to allow for an improved grip. Conversely, the cap should be re-installed by pressing the cap evenly into the shipping tube opening while twisting in either direction. The twisting motion facilitates both removal and installation of the cap. A rubber gripping glove or pair of pliers (with padding to prevent abrasion and creation of lead particles) can be used to facilitate removal.

PLEASE NOTE: When receiving our Xe-133 package, please open the lead shipping tube in an appropriate vented fume hood in the event it contains a damaged Xe-133 vial. Customers may note detectable radioactivity on the O-ring. This adsorption of Xe-133 by rubber is normal and unavoidable. When pipes are empty, caps can be stored in a ventilated fume hood until the activity dissipates.



Thank you for your continued support and purchase of Lantheus Xenon Xe-133 Gas. Our updated and necessary packaging design will ensure continued uninterrupted delivery of this vital product.

Sincerely,



Walter A. Smith, Jr.
Brand Director, Nuclear Medicine Products