

November 20, 2013

Dear Nuclear Medicine Professional,

Recently, a number of the processors and reactors involved in the production of Molybdenum-99 (Mo-99) have experienced challenges which ultimately impact Mo-99 supply to the global nuclear medicine industry. Mallinckrodt has been directly impacted by these issues, but we continue to use our comprehensive network of resources to maintain as much stability of Technetium-99m (Tc-99m) generator supply as possible to meet customer needs. To date we have largely been successful in doing so.

As a result of the most recent Mo-99 supply development, Mallinckrodt's near-term Tc-99m generator production for the Americas appears as follows:

- Wednesday, November 20 – no production
- Friday, November 22 – no production
- **Sunday, November 24 – limited production (further specific details will be provided to customers individually)**
- Monday, November 25 – no production

We are cautiously optimistic that we will return to production on Wednesday, November 27. Longer term, based on anticipated availability of Mo-99 supply given current expectations, we believe we'll meet customers' standing orders for the month of December. That projection, however, is clearly subject to change. Our outlook beyond December will be provided in the coming weeks.

Mallinckrodt fully recognizes the effect of these challenges to you and the patients you serve. Again, we are working a number of fronts to minimize the impact and improve the situation.

If you have questions, please contact your Mallinckrodt Sales Representative or our Customer Service department at 888-744-1414. Thank you for your continued support.

Sincerely,



Dan Bague
Vice President Sales
Imaging North America