

UPDATE: ANSTO scheduled maintenance

24 February 2020

ANSTO will undertake scheduled preventative maintenance shutdown of its Nuclear Medicine processing and distribution facility, also known as building 23 and its OPAL Reactor in 2020.

The shut-down of the Nuclear Medicine processing and distribution facility is scheduled for 14th April – 13th May. The work undertaken during this shut-down will enable the continuation of safe operations and reliable supply of nuclear medicines for Australia for building 23.

In consultation with members from the Australian nuclear medicine community, it was agreed the timing of this shut-down period had the least impact on our customers as it fell across the Easter – ANZAC holiday period and the 50th Annual Scientific Meeting of the Australian and New Zealand Society of Nuclear Medicine.

All products, with the exception of ¹²³Sodium Iodine solution, will continue to be available during the shut-down period.

In addition the scheduled preventative maintenance shutdown of the OPAL reactor, which was postponed at the end of 2019, will proceed from 1st – 28th June.

During the period of these shut-downs, ANSTO will work with our international partners to ensure the continuity of supply to the Australian nuclear medicine community.

Please refer to the information below (under Supply Chain) that illustrates the key adjustments to our supply chain during each of these shut-down periods and the product availability information (below) to outline supply during these periods.

As part of the Australian Government's commitment to the nuclear medicine community, ANSTO will ensure that the \$3.7M of incremental costs associated with importing product, will be absorbed and not be passed on to our customers.

Thank you to the Nuclear Medicine Advisory Board and Working Group, with representation from RAINS, ANZSNM, AANMS, NSW Health, TGA and GMS, who have helped to communicate the importance of this scheduled maintenance work to support the long term reliability of supply.

Product availability

Take a look at our adjusted supply information regarding each of our products.

Nuclear medicine

Technetium-99 generators

Adjusted timing: 14 April - 13 May

ANSTO actions:

- Alternate supply secured for the whole period
- 3 Generator sizes will be available (5Ci, 7.5Ci & 15Ci)

Lutetium-177

Adjusted timing: 14 April - 13 May

ANSTO actions:

- ANSTO to import

Chromium-51

Adjusted timing: 14 April - 13 May

ANSTO actions:

- No impact on supply

Iodine-131 capsules

Adjusted timing: 27 April - 15 May

ANSTO actions:

- Orders for the period 27 April until 15 May need to be placed by 1pm 24 April
- Product requests after 24 April are limited to 3 sizes
Iodine-131 solutions - small-50MBq to 1200MBq

Adjusted timing: 27 April - 15 May

ANSTO actions:

- Orders for 27 April until 15 May need to be placed by 1pm 24 April
- Re-supply from Mon 18th May

Iodine-131 solutions - large-1201MBq to 10000MBq

Adjusted timing: 27 April - 15 May

ANSTO actions:

- Orders for 27 April until 30 April need to be placed by 1pm 24 April
- Product is unavailable from 1 May to 15 May
- Re-supply from 18 May

Sodium-123 Iodine solution

Adjusted timing: 29 April - 19 May

ANSTO actions:

- Supply will not be available

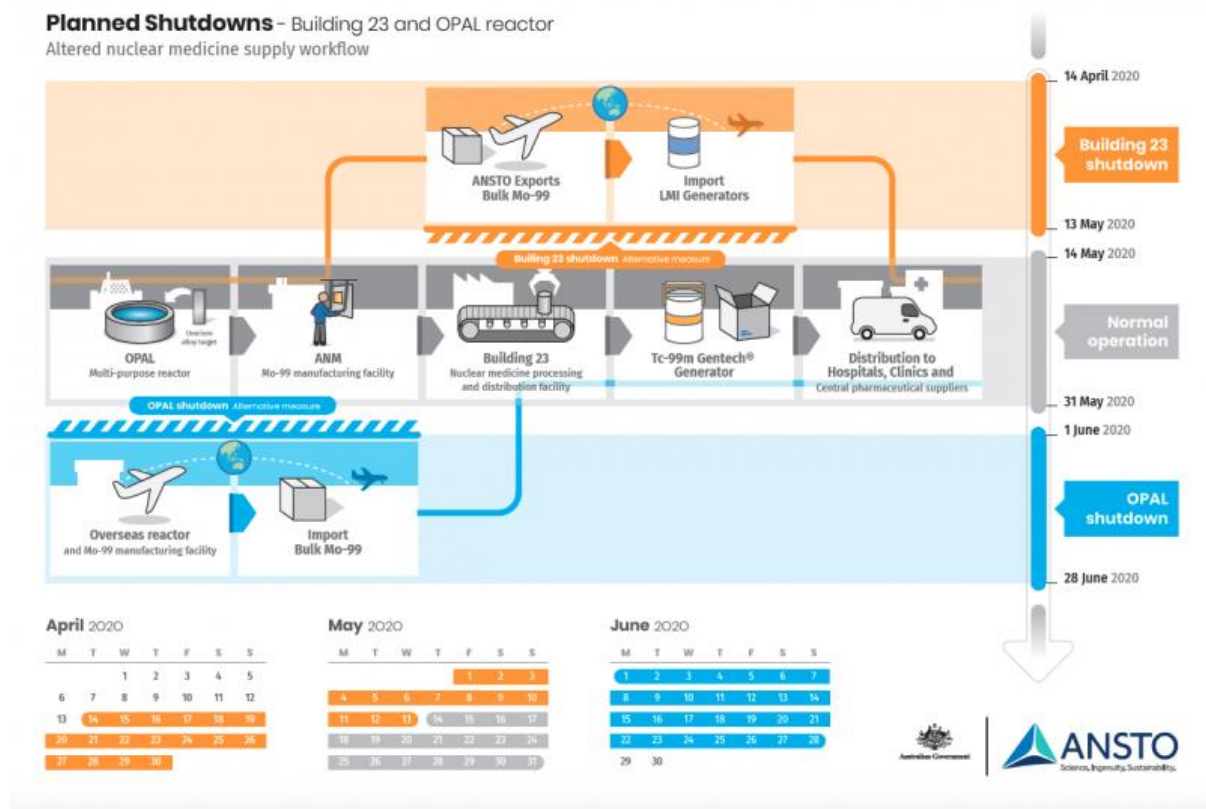
MIBG-123 & MIBG-131

Adjusted timing: 29 April - 19 May

ANSTO actions:

- No impact on supply

Supply flow



Frequently Asked Questions

Technetium-99 Generators

Will I be able to obtain supply of Technetium -99 Generators?

- Yes, ANSTO customer service representative will be in contact with you shortly.
- ANSTO will import a range of generator sizes during 14 April – 13 May.
- Imported Mo-99 will be loaded onto Gentech Generators between 1 – 28 June.

How do I elute the imported LMI generator?

Refer to the related product information sheet for guidance. Product information sheets can be found on the TGA website.

How can I remind myself about elution profiles for LMI imported generators?

A decay calculator table will shortly be available on this website

Iodine products

Will I be able to obtain supplies of Iodine-131 capsules?

Yes but orders are best placed in advance.

- Orders for the period 27th April until 15th May need to be placed by 1pm 24th April.
- Product requests after 24th April are limited to 6 sizes.

What are the sizes of the pre-made I-131 capsules available to order after the 27th April until 15th May?

150, 275, 600, 777, 1098 and 1423MBq – Calibrated 9.00am Monday 4th May.

The decay tables for Iodine capsules products are shown below.

Size MBq at Calibration Mon 4 May	Activity 9am Tues 5 May	Activity 9am Wed 6 May	Activity 9am Thurs 7 May	Activity 9am Fri 8 May
150	138	126	116	106
275	252	231	212	195
600	550	505	463	425
777	713	654	600	550
1098	1007	924	847	777
1423	1305	1197	1098	1007

Size MBq at Calibration Mon 4 May	Activity 9am Mon 11 May	Activity 9am Tues 12 May	Activity 9am Wed 13 May	Activity 9am Thur 14 May	Activity 9am Fri 15 May
150	82	75	69	63	58
275	150	138	126	116	106
600	328	301	276	253	232
777	424	389	357	327	300
1098	600	550	504	463	424
1423	777	713	654	600	550

Are there any special patient considerations to be aware of?

Patients with Thyroid cancer may require multiple capsules toward the end of week 2 due to calibration decay.

The full range will be available for delivery from Monday 18th May

Will I be able to obtain supplies of Iodine-131 solutions – sizes from 50MBq to 1200MBq

- Yes, if orders are placed in advance by 1pm April 24– sizes from 50MBq to 1200MBq only
- Large Iodine-131 solutions sizes – 1201 MBq to 10,000MBq will not be available from 1 - 15 May
- Imported Iodine-131 supply is secure between 1 - 28 June

- Orders for small solutions from 27 April until 15 May need to be placed by 1pm 24 April. Re-supply from Mon 18 May onwards
- Orders for large solutions from 27 - 30 April need to be placed by 1pm 24 April. Re-supply from Monday 18 May onwards

Will I be able to obtain supplies of Sodium-123 Iodine solution?

Supply of Sodium-123 Iodine solution is not possible across the two periods of shutdown. Please seek alternate supply

Will I be able to obtain supplies of 131 / 123 MIBG?

There is no impact on supply, ANSTO will supply across these shutdown periods

Other products

Will I be able to obtain supplies of Lutetium-177?

ANSTO will import Lu-177 from our international back up supplier ITG. Orders to be placed as follows:

- 2/4 for 13/4 delivery
- 9/4 for 20/4 delivery
- 16/4 for 27/4 delivery
- 23/4 for 4/4 delivery
- 30/4 for 11/4 delivery

Will I be able to obtain supplies Chromium-51

There is no impact on supply, ANSTO will supply its own Chromium-51 product across the two periods of shutdown.

General questions

How will I know if an overseas delivery has been delayed?

The customer service team will notify each customer by email and text message.

This customer updates page will also feature the latest information on product availability.

You can also contact the customer service team on 1800 251 572 or +61 2 9717 9992

Who will absorb the additional costs of international transport, additional price and waste disposal?

As part of the Australian Government's commitment to the nuclear medicine community, ANSTO will ensure that the \$3.7M of incremental costs associated with importing product, will be absorbed and not be passed on to our customers.

I have an urgent question, who can I call?

Contact the customer service team on 1800 251 572 or +61 2 9717 9992