

Lower Mainland Medical Imaging : Standard Operating Procedure

Hand Contamination Procedure: Nuclear Medicine Radiation Safety

1 If you discover contamination on your hands **above background...**



Measure your hands using a contamination meter with a valid QC report. **Record CPS/CPM and TIME.**



2 Wash your hands with lukewarm water and soap. Re-measure and record CPS/CPM and TIME.



Keep washing, measuring and recording the results until the counts are no longer decreasing or the results are less than double the background.

3 Record initial results on the Report Form: NM RS. Hand in the report to the Site RSO.



The Site RSO will calculate the estimated skin dose using the **"Skin Contamination Dose Calculator"** and report the incident to the Regional Radiation Safety Team.



4 If contamination is still present (more than double the background):



- Wear waterproof gloves to **promote sweating** and to prevent contamination from spreading
- Seek advice from SRSO and plan for **re-monitoring until counts are less than double background. Record results on the RS Report Forms.**

5 If the estimated skin dose is ABOVE:

- 25 mSv for a NEW
- 5 mSv for a non-NEW

Call Provincial Workplace Health Call Centre (PWHCC) **1-866-922-9464**



(Note: You can contact the PWHCC for any skin contamination events, even if below 5 mSv)

6 If the estimated skin dose is ABOVE:

- 50 mSv for a NEW
- 5 mSv for a non-NEW

Regional RSO will report the incident to the CNSC.

