

**Stanton Territorial Hospital**P.O. Box 10, 550 Byrne Road
YELLOWKNIFE NT X1A 2N1**Document Number:** MIC80500**Version No:** 2.0

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Distribution:**Microbiology Mycobacteria Manual****Effective:** 19 January, 2018**Date Reviewed:** 19 January, 2018**Next Review:** 19 January, 2020**Document Name:**

Mycobacteria Work Room Entry and Exit

Approved By:

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Status: **APPROVED****PURPOSE:**

This procedure provides instruction for how and when to don and doff the required personal protective equipment to carry out work duties within the Mycobacteria Work Room.

POLICY:

The Mycobacteria Work Room within the Stanton Territorial Hospital is a designated Containment Level 2 area that requires additional precautions due to the work performed in that area.

The Public Health Agency of Canada, the Northwest Territories Health and Social Services and Stanton Territorial Hospital all identify additional precautions required when handling patient samples or cultures suspected or confirmed of containing Mycobacteria tuberculosis.

SUPPLIES:

- Non-Latex Gloves x 2 pairs
- Isolation Gown with a closed front, long sleeves and tight fitting knit cuffs x 2
- N95 Mask (Must be fit tested)
- Eye protection
- Alcohol Based Hand Rub or access to a handwashing sink with soap and water

SPECIAL SAFETY PRECAUTIONS:

All patient samples should be considered to be potentially infectious and should be handled using Routine Precautions. Consult the Northwest Territories Infection Prevention and Control Manual for additional information on Routine Precautions.

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Mycobacteria tuberculosis can be transmitted by aerosols generated during the processing of patient samples or the manipulation of positive culture media. The handling of patient samples and culture media should be done only inside a certified biological safety cabinet.


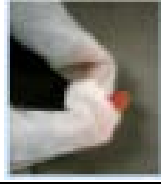


PROCEDURE INSTRUCTIONS:

Follow the steps in the table below prior to entering the Mycobacteria Work Room

Step	Action
Putting On (Donning) Personal Protective Equipment	
1	Perform hand hygiene.
2	Put on first isolation gown with opening at back.
3	Tie neck and waist ties.
4	Apply mask (if you require an N95 mask it needs to be fit tested). Seal check to ensure good fit. Mask should move with breath. Reapply glasses, if required.
5	Apply protective eyewear, safety goggles, safety glasses or face shield.
6	Pull on first pair of gloves, pulling gloves up over cuffs of gown.
7	Put on second isolation gown with opening at back
8	Tie neck and waist ties.
9	Pull on second pair of gloves, pulling gloves up over cuffs of gown.

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Follow the steps in the table below prior to exiting the Mycobacteria Work Room

Step	Action
Taking Off (Doffing) Personal Protective Equipment	
1	Remove outermost pair of gloves
2	Remove outermost isolation gown. Untie neck ties first, and then waist ties on the gown.
3	Place fingers of one hand under the opposite cuff and pull cuff over hand. 
4	Using the gown covered hand, pull the gown down over the other hand. 
5	Pull the gown down off the arms, being careful that the hands do not touch the outside of the gown. 
6	Hold the gown away from uniform and roll it up with the contaminated side inside, in a way that minimizes air disturbance. 
7	Place the isolation gown into the biohazard waste within the Mycobacteria Work Room, to be autoclaved before removal from the room.
8	Remove eye protection/face shield
9	Remove mask or N95 respirator carefully. Take care to prevent self-contamination.
10	Place the used N95 respirator into the biohazard waste within the Mycobacteria Work Room, to be autoclaved before removal from the room.
11	You may move out of the Mycobacteria Work Room wearing the single layer of "clean" PPE remaining.

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REFERENCES:

Government of Canada. (2017, 03 10). *Public Health Agency of Canada*. Retrieved 01 18, 2018, from Biosafety Directive for Mycobacterium tuberculosis Complex (MTBC): <https://www.canada.ca/en/public-health/services/laboratory-biosafety-biosecurity/biosafety-directive-mycobacterium-tuberculosis-complex-mtbc.html>

Northwest Territories Health and Social Services. (2012). *Northwest Territories Infection Prevention and Control Manual*. Yellowknife: GNWT Department of Health and Social Services.

Stanton Territorial Health Authority. (2016). *Biosafety Program Manual*. Yellowknife: Stanton Territorial Health Authority.

REVISION HISTORY:

REVISION	DATE	Description of Change	REQUESTED BY
1.0	13 Feb 15	Initial Release	L. Driedger
2.0	19 Jan 18	Updated to reflect required changes from PHAC Inspection; References Changed; Transitioned to new NTHSSA Template; Procedure name changed, old name: Mycobacteria Room Entry & Exit.	JGD Bernier