

Certificate of Competency: Technologist**Administration of Sublingual Nitroglycerin****Site¹:** _____**Name:** _____ has demonstrated competency in:

- **Administration of sublingual nitroglycerin**

Education provided by: (physician, registered nurse or technologist designate)_____
Name Signature**Competency confirmed by:** (physician, registered nurse or technologist designate)_____
Name Signature**Date:** _____ **Expires:** _____
Certificate is valid for one year²**Physician Delegating the Medical Act:**_____
Name Signature**Date:** _____

By signing this document, I agree that I am willing and have the knowledge, skills and judgment required to perform this Delegated Medical Activity.

MRT Name Signature**Date:** _____¹ DMA's are site specific² Staff member is responsible for keeping a copy of this certificate in their records

MRT Medication Administration Competency Assessment

Instructions:

An appropriate physician (radiologist), registered nurse (RN), or technologist designate (MRT) must evaluate competency assessment in the clinical setting.

The technologist must:

- ✓ Complete any pre-requisites
- ✓ Review Nitroglycerin Education Material - https://one.vch.ca/dept-project/lower-mainland-medical-imaging/Documents/Nitroglycerin_Administration_During_Cardiac_CT_Education.pdf
- ✓ Complete Didactic Knowledge Assessment by correctly answering questions 1- 7 (below) and
- ✓ Complete Medication Administration of Nitroglycerin Spray Sublingual: Competency Assessment Tool <http://shop.healthcarebc.ca/MedicalImaging/ABCD-21-06-90189.pdf>

The individual performing the delegated medical act must successfully complete the Medication Administration of Nitroglycerin Spray Sublingual: Competency Assessment Tool.

The competency assessment must be conducted by a physician or delegate such as a registered nurse (RN) or a technical delegate with relevant expertise in the medical act.

The technologist may only prepare and administer approved medications for their own patients.

If after successfully completing the education, competency assessment tool, and the didactic knowledge assessment below, the individual is not confident in their abilities, they are encouraged to request additional support and practice opportunities with a mentor before performing this skill independently.

(To be completed by the examiner)	Achieved Competency Yes or No	Development Opportunities
1. Why is nitroglycerine spray administered for coronary CT angiography? <i>Comments:</i>		
2. List the absolute contraindications to administering nitroglycerine to a patient during coronary CT angiography <i>Comments:</i>		

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<p>3. List the relative contraindications to administering nitroglycerine to a patient during coronary CT angiography.</p> <p><i>Comments:</i></p>		
<p>4. What are the adverse effects of nitroglycerine?</p> <p><i>Comments:</i></p>		
<p>5. What do you monitor for after giving a spray of nitroglycerine to a patient?</p> <p><i>Comments:</i></p>		
<p>6. When will you monitor for the above listed parameters? (specify times and/or frequency after giving the dose) What do you do if your patient becomes symptomatic?</p> <p><i>Comments:</i></p>		
<p>7. What are the 7 rights for administering medication?</p> <p><i>Comments:</i></p>		