

Credentialing Qualification Prerequisites

The cardiovascular technology professional practices currently acknowledge a broad spectrum of education pathways that produce CVTs. The community in cardiovascular technology profession and its paternity profession deem that the cardiovascular technology is a specialized and advanced skill profession. Hence, the credentialing committee recognizes only the following prerequisite pathways are legitimate to be granted credential:-

1) Bachelor degree from institutions recognized by the Malaysian Society of Cardiovascular Technologist (MSCVT), that contains cardiovascular technology curriculum such as following :-

- a. Bachelor Degree in Cardiovascular Technology
- b. Bachelor Degree in Cardiac Physiology

2) Allied health education and other educational backgrounds:-

a. Candidate who possess a recognized certification in one of the following:-

- 1. Diploma of Medical Assistant
- 2. Diploma of Medical Lab Technology
- 3. Diploma/ Bachelor Degree in Nursing
- 4. Bachelor Degree in Biomedical Science

b. Subsequently completed the MSCVT recognized Cardiovascular Technology training program in one of the following:-

- 1. Undergone minimum of one year training conducted by Non Invasive Cardiovascular Laboratory (NCL), Institut Jantung Negara (IJN) and passes all stipulated exams and competency assessment framed by the organizer. (Must provide the documentation).

2. Undergone minimum of one year on-the-job training program in the cardiac centers recognized by MSCVT (refer to Appendix 1).
3. Undergone minimum of two years on-the-job training program in the non-cardiac centers recognized by the MSCVT (refer to Appendix 2).
4. Other training programs recognized by MSCVT.

c. Documented in the Log Book (Appendix 4) stating the number of cases that have been performed for each area of investigation according to the field of practice (Invasive Cardiovascular or Non-Invasive Cardiovascular) with verification from the head of department. Refer *Appendix 4 (i)* Minimum number of cases required for the logbook

3) Completed the Advance Diploma in Cardiovascular Healthcare conducted by the Ministry of Health Malaysia, majoring in Cardiovascular Technology.

1. Candidate must hold a recognized certificate/ diploma in Medical Assistant.
2. Registered with Medical Assistant Board.
3. Other allied health qualification might be considered on a case-by-case basis.

4) Earned a post graduate certificate in Cardiovascular and Thoracic Sciences majoring in Cardiovascular Technology from IJN College

a) Candidate must hold a recognized certification in one of the following:-

1. Diploma of Medical Assistant
2. Diploma of Medical Lab Technology
3. Diploma/ Bachelor Degree in Nursing
4. Bachelor Degree in Biomedical Science

- b) Passed the post graduate certificate in cardiovascular and thoracic sciences majoring in cardiovascular technology

5) International Credentialing Qualification in Cardiovascular Technology Field

- a) Candidate must hold a recognized certification in one of the following:-

1. Diploma of Medical Assistant
2. Diploma of Medical Lab Technology
3. Diploma/ Bachelor Degree in Nursing
4. Bachelor Degree in Biomedical Science

And

- b) Earned an international credentialing qualification from, such as, but not limited to the American Registry Diagnostic Medical Sonography (ARDMS), Cardiovascular Credentialing International (CCI), British Society of Echocardiography (BSE), International Board of Heart Rhythm Examiners (IBHRE). The credentials must be specific to cardiovascular technology credentials such as RDCS, RCIS and RCES etc.

Or

- c) Earned the national certification (if any) in the Cardiovascular Technology field.

Or

- d) Other international credentialing qualification might be considered on a case-by-case basis.

6) Working experiences / Grandparent Clause

- 1) Candidate must possess a recognized certification in one of the following:-

- I. Diploma of Medical Assistant
- II. Diploma of Medical Lab Technology
- III. Diploma/ Bachelor Degree in Nursing

And

- 2) Has a minimum of ten years fulltime working experience in the field of cardiology.

And

- 3) Gazetted as qualified to perform CVT duties and has been privileged to perform all investigations procedures or specializing in one of four cardiovascular technology sub specialty areas as stated in the *job scope of CVT*. Candidate must provide a verification letter from the respective head of department. Declaration letter stating the length of his/her work–experience and practice endorsed by the head of department.

The Credentialing Field / Subspecialty

The MSCVT acknowledges that the practice fields of CVT may vary according to the institution that he/she practices. Not all hospitals or institutions are offering both Non-Invasive Cardiovascular and Invasive Cardiovascular services, with some institutions only providing Non-Invasive Cardiovascular services.

A credential will be granted to a candidate according to the candidate's field of practice. The field of practices that are currently recognized by this credentialing guideline is:-

- 1) Non-Invasive Cardiovascular field
- 2) Invasive Cardiovascular field
- 3) Cardiac Pacing And Electrophysiology

The candidate may apply for one or all of the above fields if he/she has fulfilled the number of cases that has been stated in the *Appendix 3* or has provided sufficient evidence(s) that he/she has practiced in those areas.