



Intraoperative Monitoring

Enhanced Practice Authorization Program for Electroneurophysiological Technologists

Updated June 2023



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This guide is designed to provide the Electroneurophysiological technologists with information about the Neurophysiological Intraoperative Monitoring enhanced practice authorization program approved by the Alberta College of Medical Diagnostic and Therapeutic Technologists (ACMDTT or the College).

Under the provision of the Health Professions Act (HPA) and *the Health Professions Restricted Activity Regulation* and the ACMDTT's Standard of Practice 2.3, a regulated Electroneurophysiological technologist who has completed advanced training approved by the College's Council may be authorized by the Registrar to perform Neurophysiological Intraoperative Monitoring.

The objective of the College in authorizing a program in Neurophysiological Intraoperative Monitoring is to prepare the technologist to practice Neurophysiological Intraoperative Monitoring within the clinical setting.

The College approves the American Board of Registration of Electroencephalographic and Evoked Potential Technologists (ABRET) Certification Examination in Neurophysiologic Intraoperative Monitoring (CNIM) credentials, which consists of both academic and clinical components offered by the ABRET Neurodiagnostic Credentialing and Accreditation: <https://abret.org/apply/cnim/>

- Prior to writing the CNIM exam, a technologist must successfully complete a minimum of 150 supervised clinical cases. These cases must be recorded on a clinical log sheet.
- Once the clinical cases are completed, a technologist is eligible to write the CNIM exam.

A technologist must provide the college with a copy of the clinical log and certificate of successful completion of the CNIM exam from ABRET for enhanced practice authorization.

Maintenance of enhanced practice authorization

Each year, during the College's Registration Renewal, the technologist with the Intraoperative Monitoring enhanced practice authorization will be required to apply for renewal of this authorization. In addition to the online renewal of their practice permit, the technologist will be required to submit a *Renewal of Additional and Enhanced Practice Authorization* form.

To successfully complete the program, the technologist must complete the appropriate didactic and clinical requirements for the program.

Program

All technologists must apply to the College for enhanced practice. In addition to providing a completed Application for Additional and Enhanced Practice, please provide evidence of completion of the following:

Final Submission

All of the applicable items must be submitted to the Registrar for review prior to receiving the authorization to perform Neurophysiological Intraoperative Monitoring.

Submit the full package, including the following completed documents:

- completed Additional and Enhanced Practice Authorization Application
- proof of successful completion of the academic component
- proof of successful completion of the clinical component

Submit to:

Registrar
Alberta College of Medical Diagnostic and Therapeutic Technologists (ACMDTT)
800-4445 Calgary Trail
Edmonton AB T6H 5R7

info@acmdtt.com

Intraoperative Monitoring

ACMDTT Clinical Manual



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Applicant Information

Name: _____

ACMDTT #: _____

Address: _____

Email: _____

Phone #: _____

Practicum Information

Facility: _____

Department(s): _____

Primary Clinical Supervisor: _____

Email: _____

Phone #: _____

Start Date: _____

End Date: _____

Competency Assessment

Performance expectations

The applicant who is placed in the clinical environment will be assessed according to the following performance expectations:

Application of theoretical knowledge

1. accurately interprets the requisition
2. accurately and independently produces recordings
3. provides for accurate patient exams/studies in an orderly progression of tasks
4. adheres to high standards of safety while performing procedures
5. ensures the operational readiness of equipment for a procedure/study
6. determines and selects optimal factors based on individual case variables
7. accurately critiques the recordings-which are produced
8. correctly performs quality control procedures according to manufacturers' operational standards
9. exemplifies a strong understanding of professional and regulatory standards of practice

Patient relationships

1. identifies self and explains the provider's role
2. confirms the identity of the patient
3. demonstrates respect for patients' rights to make choices and to be fully informed
4. responds appropriately and in a timely manner to all patient inquiries
5. protects the patient's confidentiality and takes measures to ensure patient privacy
6. demonstrates sensitivity when dealing with diverse patient populations
7. provides accurate information and checks for understanding

Work team relationships

1. supports the work of the team and shares the workload equitably
2. demonstrates a willingness to learn from various members of the team
3. displays efforts that are clearly focused and on task
4. exemplifies communication that is meaningful and relevant to the work
5. demonstrates flexibility in changing routines
6. seeks and responds appropriately to feedback

Criteria for competence

By having verifiable competence in these documented procedures of the clinical component, it is imperative that the technologist has demonstrated, through independent actions, the ability to perform Neurophysiological Intraoperative Monitoring.

Clinical timeframe

In completing this program, the technologist must successfully complete a minimum of 150 cases in an operating room setting.

CNIM Documentation Form

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Signing Authority for Verification of Achievement

An electroneurophysiological technologist or a healthcare provider trained in Neurophysiological Intraoperative Monitoring procedures can attest to the clinical competencies achieved by the applicant. Questions regarding the appropriateness of supervision should be directed to the College.

Name of Verifier	Current Position	Email	Signature

Verification of Successful Completion

Technologist Verification

I verify that I have successfully completed all aspects of the clinical learning experience outlined in the Neurophysiological Intraoperative Monitoring Enhanced Practice Authorization program.

Applicant Signature

Date

Clinical Practicum Site Verification

I verify that all aspects of the clinical learning experience have been successfully achieved by the applicant.

Signature of Primary Clinical Supervisor

Date



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