



Practice Standard

Ictal SPECT Injection Authorization

Purpose

The Alberta College of Medical Diagnostic and Therapeutic Technologists (ACMDTT) is mandated by government to regulate the professions of medical radiation technologists (MRTs) and electroneurophysiology technologists (ENPs).

Accordingly, the College outlines specific standards relevant to the practice of the medical diagnostic and therapeutic technologist professions.

The purpose of a Practice Standard is:

- To outline for MRTs and ENPs, employers and the public the standards required for additional and enhanced practice authorizations
- To help identify areas of practice for MRTs and ENPs that require additional or enhanced practice authorizations
- To assist employers to use MRTs and ENPs to the full scope of their practice

Practice Standard

Electroneurophysiology technologists who have completed advanced training approved by Council may be authorized by the Registrar to administer a radiopharmaceutical, for the purpose of ictal brain scanning.

The College will assess an individual's initial and renewal application for the practice authorization of Ictal SPECT Injection on their practice permit, by ensuring compliance with the following:

1. Confirmation of having completed the approved course "Ictal SPECT Injection Training for Electroencephalography Technologists" offered by Alberta Health Services – Calgary Zone.
2. Annual confirmation the applicant has maintained competence in performing the additional restricted activities for renewal of authorization

An electroneurophysiology technologist is not permitted to administer a radiopharmaceutical for the purpose of ictal brain scanning without this authorization.

References

Medical Diagnostic and Therapeutic Technologists Profession Regulation (AR 61/2005)

ACMDTT. (2013). *Enhanced Practice (GP 14.11)*.