



POSITION STATEMENT

HYBRID TECHNOLOGIES

The Alliance of Medical Radiation Technologists Regulators of Canada (AMRTRC) is an alliance of six provincial medical radiation technologist (MRT) regulators who have come together to ensure public protection by further advancing MRT regulation and standards, regulatory issues and patient care.

Definition

Hybrid technology, by definition, is the merging of the implementation of two or more distinct medical technologies into one medical system. For the purposes of this position statement, the technologies being amalgamated may be diagnostic and/or therapeutic in nature.

Background

There are four specialties encompassed by the professional category of MRT; radiological, nuclear medicine and magnetic resonance technologists and radiation therapists. In some provinces, diagnostic medical sonographers are regulated with medical radiation technology. Regulation of healthcare professionals is at a provincial level; thusly, the regulators governing MRTs in each province are discreet. As a result of these inherent differences, the Alliance holds a broad position on the use of hybrid technology.

Position

As regulated health professionals, MRTs utilizing hybrid equipment have the professional responsibility to:

- Be registered with their regulatory body in at least one of the specialties or disciplines (radiography, nuclear medicine, radiation therapy, magnetic resonance and diagnostic ultrasound) used in the hybrid equipment they are operating;
- Perform those activities for which they are authorized, by their regulatory authority;
- Perform only those activities for which they have the knowledge, skills and judgments to safely and competently do so; and
- Practice within their legislated parameters and abide by the governing Standards of Practice and Code of Ethics.

Recommendations to MRTs

- Self-reflect and develop performance goals to enhance hybrid knowledge.
- Undertake continuing professional development.