

#### Mission Statement

The Alberta College of Medical Diagnostic and Therapeutic Technologists exists so that the public is assured of receiving safe, competent and ethical diagnostic and therapeutic care by regulated professionals.

# Competency Checklist

## Magnetic resonance procedures

The procedures, as identified, should accurately reflect the experiences of the applicant. Those items achieved at a level of 'competence' indicate that the applicant has demonstrated, through independent actions, the orderly progression of tasks required to achieve accurate diagnostic images within a reasonable standard of time, for a variety of patient cases. Those identified as N/A may require orientation within the Alberta clinical setting.

To complete the checklist:

1. indicate the date when the procedure was last performed
2. indicate ☒ whether competence was demonstrated or whether the particular procedure was not applicable to the area of clinical practice
3. obtain supervisor validation for the checklist entries

Procedure/Study	Date last performed (mm/dd/yyyy)	Competent	N/A	Supervisor Validation
<b>Head/Face/Neck Imaging</b>				
Brain – routine		-	-	-
Brain – contrast enhanced				
Brain – MS				
Brain – seizure				
Brain – IAC				
Brain – cranial nerves				
Brain – MRA/MRV				
Sella/pituitary/fossa				
Orbits				
Sinuses				
Neck – carotid MRA				
Neck – soft tissue				
<b>Spinal Imaging</b>				
Cervical				
Thoracic				
Lumbar				
Complete Spine				
Enhanced – specify:				
Enhanced – specify:				

Procedure/Study	Date last performed (mm/dd/yyyy)	Competent	N/A	Supervisor Validation
<b>Thorax Imaging</b>				
Cardiac		-	-	-
Cardiovascular MRA				
Chest wall				
Breasts				
Brachial plexus				
<b>Abdominal Imaging</b>				
Liver				
Pancreas				
Kidneys				
Adrenals				
MRCP				
<b>Musculoskeletal Imaging</b>				
TMJ				
Shoulder				
Elbow				
Hand/Wrist				
Upper limb/non-joint				
Upper limb/arthrogram				
Pelvis/Hip				
Knee				
Foot/Ankle				
Lower limb/non-joint				
SI joint				
<b>Pelvic Imaging</b>				
Female reproductive organs				
Prostate				
Bladder				
Rectum				
<b>MR Angiography</b>				
Other:				
Other:				
<b>Quality Control</b>				
Scan appropriate phantom				
RF coil QA				
Confirm cryogen levels				
Maintain accessory equipment				
Process test images				
Perform basic trouble-shooting				
<b>Additional Clinical Tasks</b>				
Prepare contrast media				
Start an IV line for contrast media				
Post-process and archive images				
Operate peripheral equipment				
<b>Patient Care</b>				
Screen for contraindications				
Maintain sterile/isolation precautions				
Identify & manage claustrophobic patients				

Applicant Name:

Date: \_\_\_\_\_

Supervisor Name:

Supervisor Signature: \_\_\_\_\_

**Supervisor Contact Info:**

Phone Number:

Email: