



# Competency Checklist

## Nuclear medicine 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 and therapeutic results 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	Competent	N/A	Supervisor Validation
<b>Imaging Procedures</b>				
Myocardial perfusion – gated SPECT				
Myocardial perfusion – non-gated SPECT				
Myocardial perfusion – pharmacological SPECT				
Gated equilibrium (rest)				
Exercise gated				
Brain perfusion				
CSF shunt				
CSF cisternogram				
CSF leaks				
Parathyroid (MIBI)				
Thyroid uptake				
Thyroid scan				
Adrenal mIBG scan				
RBC liver				
Hepatobiliary				
Liver/spleen				
Meckel's Diverticulum				
Gastric emptying				
Renal scan				
Sentinel node imaging				
Tumour imaging with iodine				

WBC labelling & imaging				
Gallium				
V/Q				
Quantitative lung				
3-phase local bone				
Total body bone				
<b>Non-imaging</b>				
RBC mass determination				
Other:				
<b>Therapy</b>				
Thyroid radioiodine therapy				
Therapy – bone metastases				
<b>Special Applications</b>				
PET/CT imaging				
SPECT/CT imaging				
<b>Supportive Clinical Tasks</b>				
Instrumentation quality control				
Radiopharmaceutical preparation and quality control				
Dispose of radioactive materials & wastes				
Perform radiation surveys				
Perform wipe tests				
Perform basic troubleshooting				
Administration of radiopharmaceuticals (IV, orally, inhalation)				
Operate peripheral equipment				
ECG acquisition				
Cardiac stress preparation				
Maintain sterile/isolation precautions				
Obtain & assess patient vital signs				
Optimize, analyze and archive electronic data				

Applicant Name: \_\_\_\_\_ Date: \_\_\_\_\_

Supervisor Name: \_\_\_\_\_  
(please print)

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

**Supervisor Contact Info:**

Phone Number: \_\_\_\_\_ email: \_\_\_\_\_