



Harmonized

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Authorizing Prescriber(s)

Radiologists working at Lakeridge Health (LH) Oshawa and Bowmanville.

Authorized to Whom

Medical Radiation Technologists (MRT's) employed at LH working at Oshawa or Bowmanville sites who have the knowledge, skill and judgement to code Computed Tomography (CT) requisitions.

Patient Description/Population

Any adult patient who is in the Emergency Department and/or admitted to an inpatient department, who has been assessed by the Most Responsible Practitioner (MRP) and has a completed CT requisition.

Order and/or Procedure

The order and/or procedures are not presented in sequential order. Any one of or combination may be performed by the MRT upon receipt of the completed CT requisition. Refer to the [Order Table Form](#).

Indications to the Implementation of the Directive

Any patient from the patient description/population who meets the criteria in the order table form and has the following:

- A fully completed CT Request – must be clear, legible, include clinical history and/or symptoms and is signed by the MRP
- CT Scan has been entered into the Clinical Information System (CIS) Monday to Friday 8am to 9pm

Contraindications to the Implementation of the Directive

The directive must not be implemented in any of the following circumstances:

- Patient is less than 18 years of age
- Existence of procedure specific contraindications as noted in the [Order Table](#) below:
 - Known allergy or sensitivity to intravenous contrast
 - Requires renal protection
 - Patient is pregnant
 - Patient has had prior imaging of the same body part within last 3 months

Documentation Requirements

In addition to standard documentation practices, the MRT implementing this medical directive must document the following on the CT requisition and/or CIS:

- The name of this medical directive
- The procedure implemented
- The name of the implementer
- The date and time (unless documenting electronically)
- Legible signature of implementer including credentials

Example: Head non-contrast as per CT Coding Medical Directive,
April 1, 2019 at 1400. Susie Cue MRT

Review/Evaluation Process

Every two years as directed by the Diagnostic Imaging Program

References

College of Medical Radiation Technologists:

https://www.cmrito.org/pdfs/wymkas/performing_procedures_2018.pdf

<https://www.cmrito.org/programs/professional-practice/standards-of-practice/>

The College of Physicians, Delegation of Controlled Acts



ORDER TABLE FORM

This table must **not** be used independently apart from the Medical Directive

Code	Indication	Age Criteria	Contraindications to Coding the Requisition
1A - Head Non-contrast	Headache, Trauma, CVA/TIA	Adult, 18 years of age or older	Patient is less than 18 years of age Patient is pregnant
6A - Sinuses	Sinusitis, Mass, Obstruction, Pain	Adult, 18 years of age or older	Patient is less than 18 years of age Patient is pregnant Patient has had prior imaging of the same body part within last 3 months
11A – facial bones	Trauma	Adult, 18 years of age or older	Patient is less than 18 years of age Patient is pregnant
29A – Cervical spine	Trauma	Adult, 18 years of age or older	Patient is less than 18 years of age Patient is pregnant
60A – Abdomen for Renal Colic	Renal colic	Adult, 30 years of age or older	Patient is less than 30 years of age Patient is pregnant Patient has had prior imaging of the same body part within last 3 months
50C – Abdomen Pelvis with contrast	Appendicitis, Diverticulitis, Obstruction, Hernia	Adult, 30 years of age or older	Patient is less than 30 years of age Patient is pregnant Allergy or sensitivity to intravenous contrast Requires Renal Protection
43C – Pulmonary Embolism (PE)	Pulmonary Embolism	Adult, 30 years of age or older	Patient is less than 30 years of age Patient is pregnant Allergy or sensitivity to intravenous contrast Requires Renal Protection