

EMERGENCY CT PROTOCOL

IV Access required as indicated – must 20 g or larger and must include pressure rated extension set

*****NOT FOR PEDIATRIC USE (<18 years)*****

HEAD	
HEAD/C-	HEAD/C+ <i>Requires IV</i>
<input type="checkbox"/> Bleed <input type="checkbox"/> Altered LOC <input type="checkbox"/> TIA/Stroke (non-acute) <input type="checkbox"/> Headache <input type="checkbox"/> Hydrocephalus <input type="checkbox"/> Seizure	<input type="checkbox"/> Abscess <input type="checkbox"/> Brain Tumor/Mets <input type="checkbox"/> Seizures

HEAD AND CAROTID ANGIO C+ <i>Requires IV</i>	
HOT STROKE – Multiphase <i>Includes C- Head and Multi Angio Phases of Carotids and Circle of Willis</i>	ROUTINE <i>ANGIO/HEAD/NECK/C-/C+ Includes C- Head, Angio of Carotids and Circle of Willis</i>
USE HOT STROKE DI PPO	<input type="checkbox"/> TIA/Stroke (non-acute) <input type="checkbox"/> Trauma (Vascular Injury)

FACIAL BONES C-	
<input type="checkbox"/> Fracture	FACIAL/BONES/C-

SOFT TISSUE NECK C+ <i>Requires IV</i>	
<input type="checkbox"/> Neck Mass/Abscess	S/T/NECK/C+

SPINE specify levels		
<input type="checkbox"/> C/Spine/C-	<input type="checkbox"/> T/Spine/C-	<input type="checkbox"/> L/Spine/C-
<input type="checkbox"/> Disc	<input type="checkbox"/> Disc (_____)	
<input type="checkbox"/> Fracture	<input type="checkbox"/> Fracture (_____)	

Other protocol (as d/w Radiologist)
i.e. Pelvis/Hip, Sinuses, Extremity

RENAL FUNCTION
CREATININE _____ eGFR _____

CLINICAL HISTORY (MANDATORY)

CHEST	
<input type="checkbox"/> Pulmonary Embolism CHEST/PE/C+ <i>Requires IV</i>	
<input type="checkbox"/> Other (_____)	

CHEST/ABDOMEN <i>Requires IV</i>	
ANGIO	ROUTINE
ANGIO/CHEST/ABD/C-/C+	CHEST/ABD/C+
<input type="checkbox"/> R/O Thoracic Aneurysm <input type="checkbox"/> R/O Dissection	<input type="checkbox"/> Other (_____)

ABDOMEN/PELVIS C-	
<input type="checkbox"/> Renal Colic ABD/PELVIS/RENAL/COLIC/C-	
<input type="checkbox"/> Other (_____)	ABD/PELVIS/C-

ABDOMINAL AAA C+ <i>Requires IV</i>	
<input type="checkbox"/> AAA	AAA/C+

ABDOMEN/PELVIS C+ ABD/PELVIS/C+	
<i>Requires IV and ORAL (water) Prep*</i>	<i>Requires IV only</i>
<input type="checkbox"/> ABD pain NYD <input type="checkbox"/> Bowel Obstruction <input type="checkbox"/> Mass/Abscess <input type="checkbox"/> Free Air/Free Fluid <input type="checkbox"/> Pancreatitis <input type="checkbox"/> Diverticulitis <input type="checkbox"/> Appendicitis	<input type="checkbox"/> Ischemic Bowel

*Oral water prep (SITE DEPENDANT) – 1 litre of water within the hour prior to scan (if possible)

Trauma	
<i>Requires IV</i>	
<input type="checkbox"/> HEAD/C-Spine C- <input type="checkbox"/> HEAD C- <input type="checkbox"/> C-Spine C-	<input type="checkbox"/> Chest/Abdo/Pelvis C+ <input type="checkbox"/> Chest C+ <input type="checkbox"/> Abdomen/Pelvis C+ <input type="checkbox"/> CTA Neck/Carotids C+ (vessel injury) <input type="checkbox"/> Other (_____)

Ordering Physician (print clearly)

Signature

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Guide for Use:

PROCEDURE DURING REGULAR WORK WEEK HOURS

1. Responsibility of the Physician:
 - Completes the EMERGENCY CT PROTOCOL document. Please note - a short, pertinent and legible history is required for the Technologist to expedite the request.
 - Orders the placement of an adequate 18G or 20G pressure rated IV access if the CT exam is required with contrast.
 - Orders Creatinine and GFR on all patients who are having a contrast enhanced exam.
 - Attaches the completed EMERGENCY CT PROTOCOL document to the patient's chart and instructs the unit clerk to order enter the exam into Meditech.
2. Responsibilities of the Unit Clerk:
 - Enters the checked exam into Meditech (OE). Please note – History must be entered as written by the ordering Physician. Accurate and detailed history assists the technologists to prioritize the exam.
 - Faxes the EMERGENCY CT PROTOCOL document to the CT Department – site dependant.
 - Attaches the EMERGENCY CT PROTOCOL document on the front of the patient's chart. This form must accompany the patient to CT.
3. Responsibilities of the Technologist:
 - Reviews exams under Scheduled Studies in PACS and checks the patient's history under Information.
 - Calls for the patient.
 - Performs the appropriate exam.
 - Scans the EMERGENCY CT PROTOCOL document into PACS after completing the Technologists' comments field.
 - Technologist charts that scan is completed – site dependent



For any CT exam not listed on this **EMERGENCY CT PROTOCOL document**, the referring Physician must discuss the request with the on call Radiologist for approval. This includes any exams ordered for patients under the age of 18.

PROCEDURE AFTER HOURS – SITE DEPENDENT

If the on call Radiologist is **not on site** after hours and only reads emergency exams, the referring Physician must contact the on call Radiologist as per usual procedure.