
Diagnostic Services- Radiology

SUBJECT/TITLE: **Portable Head Computed Tomography (CT) Without Contrast Media**

Purpose:

Define critically ill **PICU** patient population requiring portable head CT and describe procedure to expedite imaging.

Policy:

Portable CT will be used for expediting care for critically ill PICU patients who are too unstable to be transported to the main CT scanner as indicated by PICU physicians.

Patient Criteria

- Extracorporeal membrane oxygenation (ECMO)
- Ventricular assist device (VAD)
- Unstable intracranial pressure (ICP)

Procedure:

1. All patients will be screened by PICU faculty staff
2. CT Portable Brain Without Contrast order is placed
3. Notify CT by paging 3345 24/7
4. CT staff will notify PICU with an estimated scan time dependent on CT staffing
5. 15 minutes prior to estimated scan time, CT will verify patient is ready for CT scan

Portable CT Technologist Coverage

- **Notify CT by paging 3345 24/7**
- Monday-Friday 0730-1630 SFCH CT in house technologist
- Off hour Monday- Friday 1630-2330 second shift in house. If second shift technologist is not available, CT will call in on call CT technologist
- All other hours and holidays will be covered by the on-call technologist
 - Radiology on call response time is 30 minutes
 - Portable CT set up is 15 minutes

VI. Approved by:

09/12/2019
Date


Director of Pediatric ICU

9-16-2019
Date


CT Manager

Date

9-16-19

Director: CT Pediatric Radiology

Manager, CT

Date created: 9-4-2019