

**SUNY DOWNSTATE MEDICAL CENTER
UNIVERSITY HOSPITAL OF BROOKLYN
POLICY AND PROCEDURE**

No. CT-5

Subject: CONTRAST STORAGE

Prepared by: Vincent Monte

Reviewed by: Donna McKenzie

Approved by: Deborah Reede M.D.

Harry Zinn, M.D.

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Original Issue Date: 9/2001

Supersedes: 9/2001

Effective Date: 12/2015

Reviewed: 10/2018

TJC Standards: MM. 03.01.01 the hospital stores medication according to manufactures' recommendations

MM.04.01.01 Medication orders are clear an accurate

Related Policies

RAD-12) Medication Orders for Contrast Media for Imaging Procedures

Issued by: Radiology Department

I. PURPOSE

To ensure safe storage and dispensing of Contrast materials

II. DEFINITION:

Radio-Contrast Agents are a type of medical contrast medium used to improve the visibility of internal bodily structures in X-ray-based imaging techniques such as computed tomography (CT), radiography, and fluoroscopy. Radio-contrast agents are typically iodine or barium compounds

III. RESPONSIBILITIES

Technologist, Attending Radiologist, Radiology Residents and Pharmacy personnel

IV. POLICY

Radiology Department, Scheduling /Registration Office,

V. PROCEDURE/GUIDELINES

1. All ORAL and IV Contrast agents including but not limited to the following will be handled by the pharmacy in accordance with pharmacy policies on medication storage .
 - a. Barium based materials
 - b. Gastrograffin
 - c. Omnipaque
 - d. Visipaque
 - e. Omniscan
 - f. Conray

CT-5 CONTRAST STORAGE

- Contrast will be administered only on the written order of a physician.
- Contrast can only be given after the patient has signed a consent form.
- The Radiology attending or resident is responsible for obtaining consent Prior to the start of the exam .
- Contrast delivery will be made directly to radiology, upon delivery radiology will secure the contrast and immediately contact the pharmacy to load the material into the pyxis units.
- Contrast will be stocked in the PIXIS Machine on a daily basis
- Access to pixis is by technologist specific codes.
- Technologists will enter their code to gain access to pixis and input patient information.
- The amount of contrast removed from pixis will be entered
- The technologist will enter the contrast batch # and exp date into RIS.
- Contrast will be removed from pixis only when the technologist is ready to begin the exam.
- Unused contrast will be placed in the return bin located on the wall adjacent to the pixis unit.

VI. ATTACHMENT

VII. REASON FOR REVISION

Review

VIII. REFERENCES:

- *TJC Standards*

UHB Policy (RAD-12) <http://www.downstate.edu/regulatory/pdf/policies/RAD-12.pdf>

Date Review	Revision Required (Check One)		Responsible Staff Name and Title
9/2001	Yes		James Shanahan, Director Radiology Department
12/2015		(No)	Vincent Monte Assoc. Director Radiology Department
10/2018	Yes	(No)	Vincent Monte Assoc. Director Radiology Department
	Yes	No	