



RIVERSIDE MEDICAL CENTER, INC.



METRO PACIFIC HEALTH
THE HEART OF FILIPINO HEALTHCARE

DEPARTMENT: Ancillary Division		POLICY NUMBER: DPOTMH-MPP-DIS-P016-(01)	
TITLE/DESCRIPTION: ADMINISTRATION OF CONTRAST MEDIA			
EFFECTIVE DATE: February 28, 2025	REVISION DUE: February 27, 2028	REPLACES NUMBER: DIS-QP-10	NO. OF PAGES: 1 of 10
APPLIES TO: Department of Imaging Sciences		POLICY TYPE: Multi Disciplinary	

PURPOSE:

To ensure that proper guidance and instructions are observed by the Radiologist and Radiologic/X-ray technologist.

DEFINITIONS: N/A**RESPONSIBILITY:**

Radiologist, Post Graduate Intern, Radiologic/X-ray Technologist, Staff Nurse, Auxiliary

POLICY:

1. The Radiologic/X-ray Technologist practices ethical conduct appropriate to the profession and protects the patient's right to quality radiologic technology care.
2. The Radiologic/X-ray Technologist respects confidences entrusted in the course of professional practice; respects the patient's right to privacy and reveals confidential information only as required by the law or to protect the welfare of the individual or the community.
3. Radiologic Technologist shall write a notation in the "Tech Note" section of the CT requisition and in the "Comment" section of the log sheet to explain any variance from the original prescription. The technologist shall sign his/her name.
4. Admitted patient/emergency cases shall be prioritized.
5. Radiologic Technologist shall inform pregnant women or may be pregnant to take primary precautions.
6. A patient shall have proper and specific request of examination from their attending physician.
7. Consent for the examination shall be signed by the patient and/or folks before the examination.
8. The DIS Staff shall fill-out the screening form of the patient.
9. Patient shall have a normal creatinine laboratory result for contrast study.
10. Used needles shall be disposed properly by putting it in separate and indicated for sharps trashcan only after very procedure.

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11. Alteration to the policies, preparations and procedures may depend on Radiologist approval.
12. Infant patients and or restless patients shall be sedated prior to the examination.
13. The patient shall be on NPO 2 hours prior to examination.
14. If patient is diabetic with metformin medication, he/she shall not take metformin for 48 hours before and after examination (patient should inform their physician for the said preparation).
15. Give particular attention to the patient's present medications and history of allergic reaction to iodinated contrast material.
 - 15.1 A questionable or suspected history to allergy to iodine based contrast may be a contraindication to any procedure.
 - 15.2 A high level of serum creatinine is also a contraindication in intravenous contrast administration, among others.
 - 15.3 If there are other considerations and it is decided by the physician that the examination is necessary, the physician requesting the examination is particularly responsible for possible complications and his/her presence may be required.
16. There shall be an emergency kit immediately available.

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PROCEDURE (SOP):

1. The Radiologic Technologist inspects the package of the contrast for damages, leakages, tears and expiration prior to preparation.
2. The Radiologic Technologist prepares the contrast.
3. The Radiologic Technologist determines which type of contrast is to be administered.
4. The Radiologist determines the dosage and route of administration.
5. The Radiologist/Post Graduate Intern shows the container from which the contrast was withdrawn.
6. The Post Graduate Intern/Radiologic Nurse/Radiologist injects the appropriate contrast material.
7. All contrast prepared that is not used, will be disposed.
8. Technologists who have been through an approved IV Therapy course may start the IV for patients who will be receiving intravenous contrast.
9. DIS Staff assesses patient prior to contrast/medication, post administration, post procedure and all other applicable times.
10. Outpatients will receive post procedure instructions when applicable.





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ADMINISTRATION OF CONTRAST MEDIA FOR IN-PATIENT

- All patients who undergo procedures with administration of contrast media shall be duly informed, prepared, assisted and monitored before, during and after procedure/s by healthcare professionals assigned.
 - The station and the Department shall closely coordinate with each other prior and after the procedure for proper endorsement and assistance of patient.
 - The department shall prioritize emergency cases.
1. The Staff Nurse calls the Receptionist of the DIS for the scheduling of the procedure/s upon doctor's order.
 2. Staff Nurse gives instructions prior to the wheeling – in of the patients to the DIS:
 - a) Procedures duly explained to the patient and consent form completed and signed by the patient and/or folks;
 - b) Screening Form duly filled-out by the Post Graduate Intern/Residents/or the Attending Physician;
 - c) Necessary preparations are done in the patient's room before the procedure/s.
 - d) Particular attention are given to the following and will be relayed to the Attending Physician, DIS Receptionist/Radiologic Technologist/Radiologic Nurse/Radiologist on deck:
 1. A questionable or suspected history of allergies;
 2. A high level of serum creatinine result taken within 14 days by DPOTMH lab;
 3. The patient is pregnant or maybe pregnant;
 4. Diabetic patients on Metformin who are advised not to take the drug for 48 hours before and after examinations;
 5. If the test is for a pediatric patient, consult the Pediatrician for further instructions;
 6. If there are other considerations and it is decided by the Physician that the examination is necessary, the Physician's presence is required during the procedure.
 3. If all the requisites are duly complied with, the nurse and the auxiliary transport the patient to the DIS.
 4. Radiologic Nurse with the supervision of the Radiologist tests and administers of contrast media.
 5. In the absence or unavailability of the Radiologic Nurse, the Department requests for assistance from the Department of Emergency Medicine for its Post Graduate Intern/Resident.
 6. Radiologic Nurse or the Post Graduate Intern/Resident/Radiologist assesses patient prior to contrast administration, monitored during and after administration.





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contrast administration, monitored during and after administration.

7. Radiologic Nurse/Assisting Intern/Resident or the Radiologist gives post procedure instructions to the patient before transporting back to his/her room.





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WORK INSTRUCTION:

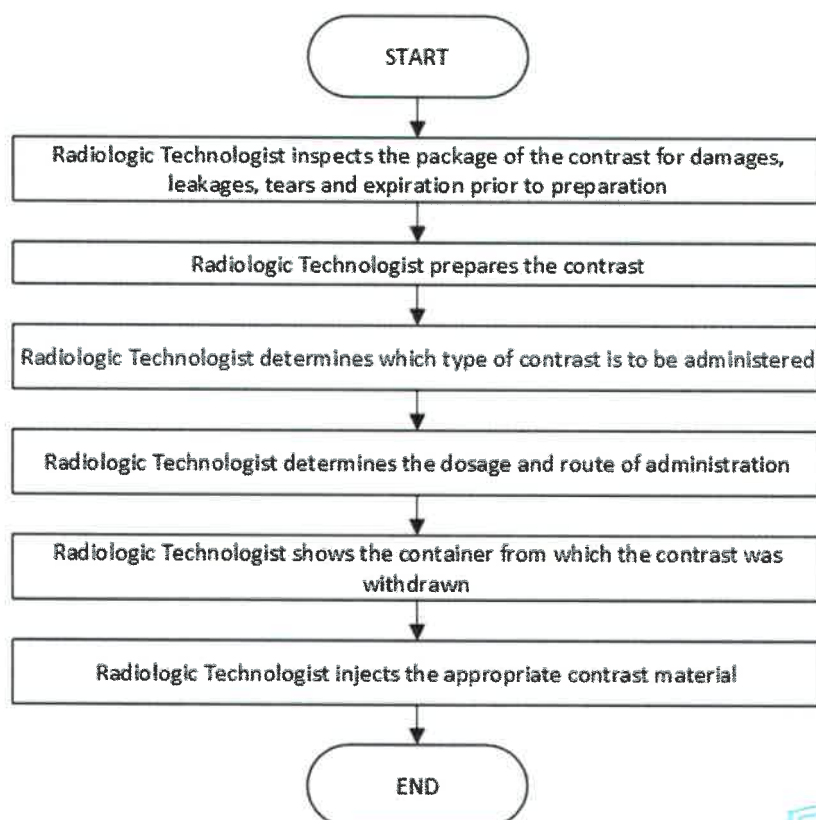
KEY TASKS	PERSON RESPONSIBLE
1. Inspects the package of the contrast for damages, leakages, tears and expiration prior to preparation.	Radiologic Technologist
2. Prepares the contrast.	
3. Determines which type of contrast is to be administered.	
4. Shows the container from which the contrast was withdrawn.	
5. Injects the appropriate contrast material.	
ADMINISTRATION OF CONTRAST MEDIA FOR IN-PATIENT	
1. Calls the Receptionist of the DIS for the scheduling of the procedure/s upon doctor's order.	Staff Nurse
2. Tests and administers of contrast media.	Radiologic Nurse with the supervision of the Radiologist
3. Requests for assistance from the Department of Emergency Medicine for its Post Graduate Intern/Resident.	Radiologic Nurse/DIS Staff
4. Assesses patient prior to contrast administration, monitored during and after administration.	Radiologic Nurse or the Post Graduate Intern/Resident/Radiologist
5. Gives post procedure instructions to the patient before transporting back to his/her room.	Radiologic Nurse/Assisting Intern/Resident or the Radiologist

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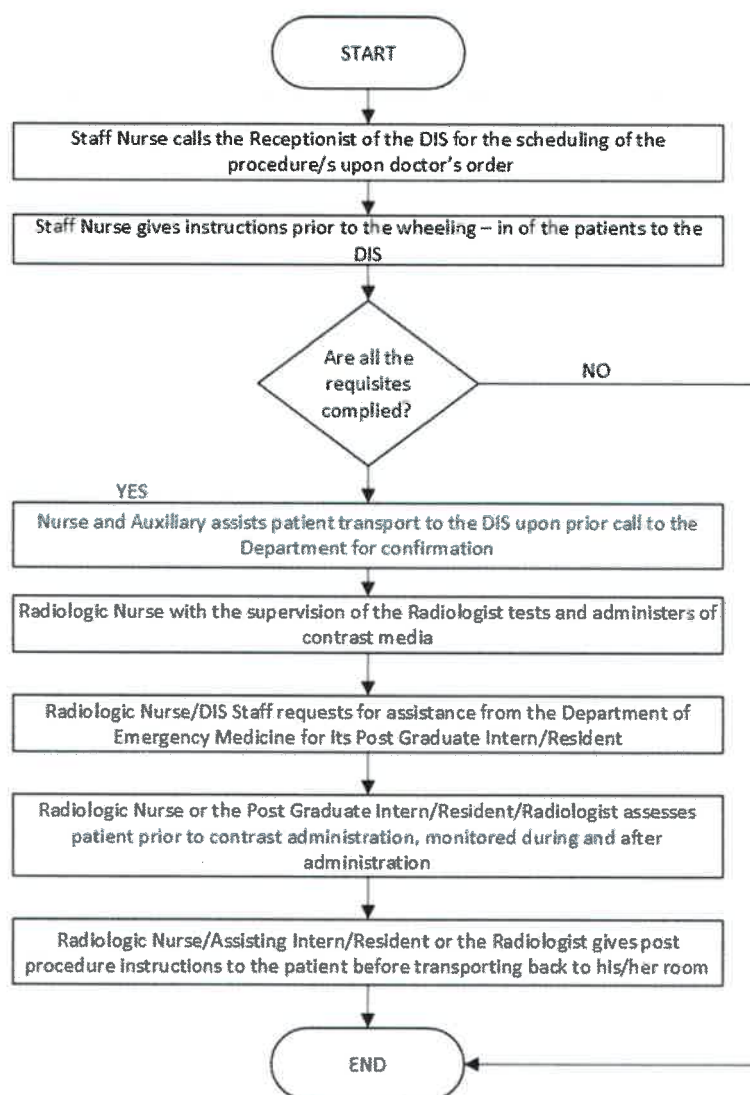
WORK FLOW:





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ADMINISTRATION OF CONTRAST MEDIA FOR IN-PATIENT





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FORMS: N/A
EQUIPMENT: N/A
REFERENCES: N/A





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