

INTER-AMERICAN UNIVERSITY OF PUERTO RICO

PONCE CAMPUS
HEALTH SCIENCES DEPARTMENT
RADIOLOGIC TECHNOLOGY PROGRAM

POLICY FOR DIRECT AND INDIRECT SUPERVISION

Introduction

The Radiologic Protection is an essential measure to be followed in a Radiology Department, especially during the performances of procedures that use ionizing radiation. This document focuses and establishes the student's and patient safety under the direct and indirect supervision when handling ionizing radiation.

The student's health and safety are a major critical area observed by the Program. In order to assurance that medical imaging procedures are performed under the direct and indirect supervision two parameters delineates the student compliance.

1. **DIRECT SUPERVISION:** When the radiologic technologist is present in the room during the performance of any procedure.
2. **INDIRECT SUPERVISION:** When the radiologic technologist is not present in the x-ray room when the student is performing a procedure, but is present within the department.

Each semester the student participates in a clinical setting have to be examined by a clinical instructor. This evaluation represents a measure to demonstrate compliance with the Health and Safety Standard.

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INDIRECT SUPERVISION

VALUE: _____

Total Obtained: _____

Instructions: Place a check mark in the criteria better represents the quality of work completed by the student.

Scale:

- 4-Excellent
- 3- Satisfactory
- 2- Regular
- 1- Deficient
- 0- Fail
- N/A

- Always complies with everything listed in the criteria.
- Frequently complies with what is listed in the criteria
- Complies with half of what is listed in the criteria
- Rarely complies with what is listed in the criteria
- Did not comply with what is listed in the criteria
- Not applicable

CRITERIA	4	3	2	1	0	N / A	COMMENTS
General Clinical Practice							
1. Assists to clinical practice on assigned days							
2. Punctuality – Arrives on time to clinical practice							
3. Reports to the Clinical instructor or immediate Supervisor when arriving at the clinical area; at the start and finish of an assigned task							
4. Complies with the uniform norms of the institution and the clinical laboratory							
5. Brings equipment and materials to the clinical work area. Uses and disposes of the equipment correctly (dosimeter, marker and manual)							
6. Plans and organizes assigned activities managing time effectively							
7. Finishes assigned activities within reasonable time							

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8. Assumes an objective attitude towards: colleagues, Health Team, Public and Client							
9. Demonstrates initiative, enthusiasm and interest for professional activities							
10. Assumes responsibility for their own actions							
11. Faces situations in a constructive manner: recognizes strengths, clinical weaknesses and canalizes them in an effective manner							
12. Accepts suggested recommendations by the professor and radiologic technologist							
13. Demonstrates changes in conduct following the recommendations of the professor or radiologic technologist							
14. Completes and turns in all required clinical and completes the clinical experience log for their file							
PLANNING							
1. Reading and interpretation of the medical order							
2. Correctly identifies the patient							
3. Identifies the procedure to be performed according to the clinical history							
4. Determines projections and parts to be radiograph							
5. Prepares the equipment and accessories to be used. (Gowns, sheets and others that apply)							
6. Selects the correct size for the film carrier							
IMPLANTATION							

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1. Explains the procedure to the patient							
2. Measure the anatomical part to be radiograph							
3. Positions the patient correctly on the radiographic table							
4. Correctly locates the marker and the identification on the radiography							
5. Centralizes on the film the anatomical area to be radiograph							
6. Centralizes the anatomical part with the central ray							
7. Centralizes the central ray with the film							
8. Selects correctly exposition factors according to the patient's habitus							
9. Utilized immobilizing accessories if needed							
10. Observes radiologic protection measures							
11. Correctly applies automatic film processing of radiographic film							
EVALUATION							
1. Evaluates radiographies taking into consideration exposition factors							
2. Identifies the structures demonstrated in the radiography							
3. Evaluates collimation of the radiograph anatomical area							
4. Evaluates the density and the contrast of the radiography							
5. Identifies artifacts present in radiographies							

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Comments:

Technologist's Signature & Lic No.

Student's Signature

Date

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DIRECT SUPERVISION

VALUE: _____

Total Obtained: _____

Instructions: Place a check mark in the criteria better represents the quality of work completed by the student.

Scale:

4-Excellent	Always complies with everything listed in the criteria.
3- Satisfactory	Frequently complies with what is listed in the criteria
2- Regular	Complies with half of what is listed in the criteria
2- Deficient	Rarely complies with what is listed in the criteria
1- Fail	Did not comply with what is listed in the criteria
N/A	Not applicable

CRITERIA	4	3	2	1	0	N / A	COMMENTS
GENERAL CLINICAL PRACTICE							
1. Assists to the clinical area on the assigned days.							
2. Punctuality – Arrives on time to the clinical practice							
3. Reports to the shift's radiologic technologist or immediate supervisor when arrives at the clinical area; at the start or finish of the assigned task							
4. Complies with the uniform norms of the institution and the clinical laboratory							
5. Brings equipment and materials to the clinical area. Uses and disposes of the equipment correctly (dosimeter, marker and manual)							

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CLINICAL AREA SKILLS							
1. Appropriate selection of the cassette							
2. Positioning of the patient on the radiographic table							
3. Position of the anatomical part							
4. Selection of the exposition factors							
5. Appropriate direction of the central ray							
6. Required distance of the tube to the film							
7. Uses basic protection principles							
8. Equipment manipulation							
9. Appropriate Collimation							
10. Observes the patient while completing the exposition							
11. Completes the skills with comfort and confidence							
12. Uses the caliper							
13. Image free of artifacts							
14. Includes all anatomical parts							
15. Correct centralization of central ray, part and film							
16. Adequate contrast and density							
17. Correctly uses the anatomical marker							
18. Image is free of movement							
19. Patient's information is clearly visible							
20. Instructions to patient and preparation of the adequate contrast media							
21. Reviews radiographies before releasing the patient							
22. Discusses and evaluated radiographies with the supervisor or technologist							

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23. Appropriately dismisses the patient								
24. Appropriately organizes the radiographies								
25. Cleans and organizes the radiographic room after taking care of a patient								

Comments:

Technologist's Signature and Lic. No.

Student's Signature

Date