

Cardiovascular Consultants – M. Yaser Haffar, M.D.

Annual Review of Radiation Protection Program

Licensee: Cardiovascular Consultants – M. Yasser Haffar, M.D.

Date: August 5, 2021

Address: 1211 Hospital Drive
Hurricane, WV 25526

RAML #: 47-25478-01 Amendment 5

Audit of Radiation Safety Program

The "Regulatory Compliance and ALARA Audit" report dated August 4, 2021, commissioned by the Cardiology Consultants – M. Yaser Haffar, M.D. (hereinafter CCMYH) and conducted by an auditing consultant, is attached and incorporated herein by reference. The report has been reviewed and adopted by the CCMYH Radiation Safety Officer.

Areas of non-compliance identified:

- 1) Report of the annual audit of program operations and radiation safety was not current.
- 2) Annual calibration of the survey meter was not current.
- 3) Leak testing was not conducted by a licensed facility.

Radiation safety concerns identified: None

Areas identified for improvement:

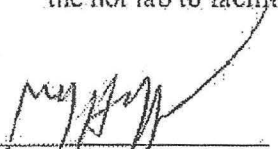
Reports of annual exposure presented to each participant in writing.
The annual preparation of this report shall subsequently be in January.

Attestation of Radiation Safety Policies & Procedures Review

By my signature below, I attest to having reviewed, through observation and discussion, CCMYH policies and procedures which affect radiation safety and regulatory compliance under the terms of our radioactive materials license.

Action taken

- 1) This report has been generated following an audit of the operations under the terms of our radioactive materials license, including radiation safety practices.
- 2) Cardinal Health has been contacted for calibration of the survey meter ASAP. They will provide a loaned meter while our meter is out for calibration.
- 3) Future leak test counting and reporting shall be conducted by a facility licensed to do so, most likely that will be Cardinal Health. Such will begin at the next testing interval.
- 4) A calendar of required tests, calibrations, and procedures has been generated and posted in the hot lab to facilitate timely accomplishment of required activities.


M. Yaser Haffar, M.D., R.S.O.

INSTRUCTIONS TO HOUSEKEEPERS

Cleaning Within the Nuclear Medicine Department

I. INTRODUCTION:

The nuclear medicine department is an area of the hospital where radioactive materials are stored and used. To prevent injury to persons who might not be aware of the possible harm to themselves or others, this department is kept locked and may only be assessable by authorized individuals. Housekeepers who have been instructed as to what danger signs to look for are among those authorized to enter the department for the purpose of cleaning the area.

II. INSTRUCTION:

- A. Doors posted with signs saying "**CAUTION RADIOACTIVE MATERIALS**" indicate that the room is a place where radioactive materials are stored and/or used. Enter the room and look around for other signs or conditions indicating caution. Work quickly and efficiently, taking with you only the material needed to clean the area. DO NOT SMOKE, DRINK OR EAT IN THIS AREA.
- B. Any cabinets, refrigerator, packages, bottles or other containers marked with a yellow and purple signs, "**CAUTION RADIOACTIVE MATERIAL,**" is a potential source of radiation exposure. Such items should not be moved or touched except by nuclear medicine personnel.
- C. Should you notice damage to or leakage from any object labeled as described above, DO NOT ATTEMPT TO CLEAN THE AREA. Close and lock the door and notify the Radiation Safety Officer:

RADIATION SAFETY OFFICER: M. Yaser Haffar

PHONE NUMBER: 304-757-4694

The Radiation Safety Officer, or his designee, will notify you when you can return to this area and complete your duties.

- D. Upon completion of the cleaning detail, lock the doors and secure the key.
- E. At no time should you allow other persons, not assigned to clean the nuclear medicine department, to accompany you into this area.

III.

CLEANING DUTIES:

Empty trash container as instructed by your supervisor. Do not touch trash with your hands. Do not empty any container marked "RADIOACTIVE MATERIAL."

Dust areas of the nuclear medicine department as instructed by your supervisor. Be careful when dusting the equipment. Notify nuclear medicine personnel if anything appears to be "out of place."

Dry/wet mop the floor as instructed by your supervisor. Notify the Radiation Safety Officer and nuclear medicine personnel if you notice any devices lying on the floor. These materials may be radioactive and **MUST** remain within the restricted area.

IV. **REVIEW OF INFORMATION:**

Please write your name upon reviewing this information. Questions regarding these instructions should be forwarded to your supervisor and the Radiation Safety Officer.

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DATE: 8-4-21
