



150 Memorial Drive  
Kingwood, WV 26537  
(304) 329-1400  
www.prestonmemorial.org

Br. 1

November 15, 2017

U.S. Nuclear Regulatory Commission  
Materials Licensing Branch  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

RE: Radioactive Material License No. 47-16720-01 03011644  
Preston Memorial Hospital

To Whom It May Concern:

Please add John N. Pappas, M.D., James Benjamin, M.D., George Dwyer, M.D. and Herbert S. Lambert, M.D. to our license for 35.100 and 200 uses. Their training and experience can be found on Maryland license number: MD-01-002-01 (Western Maryland Regional Medical Center). A copy of this license is attached.

If you have any questions, please do not hesitate to contact Mark Perna at (412) 551-9259 or at [markperna@mac.com](mailto:markperna@mac.com).

A handwritten signature in cursive script that reads "Melissa K. Lockwood".

Administrator

601768  
NMSS/RGN1 MATERIALS-002

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

1800 Washington Boulevard • Baltimore MD 21230

410-537-3000 • 1-800-633-6101 • [www.mde.maryland.gov](http://www.mde.maryland.gov)Larry Hogan  
GovernorBen Grumbles  
SecretaryBoyd Rutherford  
Lieutenant Governor

JUL 20 2015

James K. Benjamin, M.D., Radiation Safety Officer  
Western Maryland Regional Medical Center  
12500 Willowbrook Road  
Cumberland, MD 21502**RE: Radioactive Material License # MD-01-002-01**

Dear Dr. Benjamin:

Enclosed is your renewed radioactive materials license, which is being issued in accordance with Maryland Radiation Law and Code of Maryland Regulations (COMAR) 26.12.01.01, Regulations for the Control of Ionizing Radiation. This renewal has been prepared based on your application received in this office on April 15, 2015, and all relevant supplemental information received as of June 22, 2015. Please review it carefully to ensure it is complete and accurate.

Licensees are inspected at least once during the 7-year life of the license. Inspections are performed with greater frequency for more complex licenses. If you have any questions or need assistance on any aspect of this license renewal or any other matter regarding radioactive materials, please contact Mr. Raymond E. Manley, of the Radioactive Materials Division at 410-537-3301. You may also reach our office toll-free by dialing 1-800-633-6101 and requesting extension 3301 or via facsimile at 410-537-3198. Finally the MDE web page, which contains information about all MDE areas of interest, can be accessed at <http://www.mde.state.md.us/arma/Programs/Radiolog/radiolog.html>.

Sincerely,

Roland G. Fletcher, Program Manager IV  
Radiological Health Program  
Air and Radiation Management AdministrationADJ  
RGF/REM/CRC/CAN/ccEnclosures: License amendment renewal (93)  
Code (02120)



Department of the Environment

RADIOLOGICAL HEALTH PROGRAM  
RADIOACTIVE MATERIAL LICENSE

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Pursuant to the Maryland Radiation Act, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. The license is subject to all applicable rules, regulations and orders of the Maryland State Department of the Environment, now or hereinafter in effect and to any conditions specified below.

<b>1. Name:</b> Western Maryland Regional Medical Center		<b>3. License No.:</b> MD-01-002-01	
<b>2. Address:</b> 12500 Willowbrook Road Cumberland, Maryland 21502		<b>4. Amendment No.:</b> 93; Renewal Code 02120	
		<b>5. Expiration Date:</b> July 31, 2022	
<b>6. Radioactive material element &amp; mass number:</b>	<b>7. Chemical and/or physical form:</b>	<b>8. Maximum amount of radioactivity which licensee may possess at any one time:</b>	
A. Any radioactive material listed in Section G.100 of COMAR 26.12.01.01	A. Any radioactive material listed in Section G.100 of COMAR 26.12.01.01	A. As needed to perform diagnostic tests	
Any radioactive material listed in Section G.200 of COMAR 26.12.01.01	B. Any radioactive material listed in Section G.200 of COMAR 26.12.01.01	B. As needed to perform diagnostic tests	
C. Any radioactive material listed in Section G.300 of COMAR 26.12.01.01	C. Any radioactive material listed in Section G.300 of COMAR 26.12.01.01	C. 1000 millicuries	
D. Carbon-14	D. Urea Pytest	D. As needed	
E. Gadolinium-153	E. Sealed Sources	E. No source to exceed 20 millicuries; Total possession < 1 curie	
F. Cobalt-57	F. Sealed Sources	F. No source to exceed 25 millicuries	
G. Strontium-82/Rubidium-82	G. Generator	G. No generator to exceed 500 millicuries. Total possession 2 generators.	
H. Strontium-85	H. Generator associate radionuclide	H. 1000 millicuries	
Fluorine-18	I. Fluorodeoxyglucose	I. As needed	



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License Number: MD-01-002-01

Amendment Number: 93 Code 02120

CONDITIONS

J. Germanium-68	J. Sealed sources	J. No source to exceed 30 millicuries
K. Fluorine-18	K. Sodium Fluoride	K. As needed

9 Authorized Uses:

- A. Any uptake, dilution, and excretion procedure approved in Section G.100 of COMAR 26.12.01.01.
- B. Any imaging and localization procedure approved in Section G.200 of COMAR 26.12.01.01.
- C. Any radiopharmaceutical therapy procedure approved in Section G.300 of COMAR 26.12.01.01.
- D. Detecting *H. Pylorii*
- E. Reference, calibration & quality control.
- F. Reference, calibration & quality control.
- G. Imaging and localization
- H. Generator associated radionuclide
- I. Imaging and localization studies
- J. Reference source
- K. Imaging and localization studies

10. The authorized place of use is the licensee's address stated in Item 2. The licensee must notify the Radiological Health Program 30 days prior to vacating a permanent use address.
- 11A. The radiation protection program shall be under the supervision of James K. Benjamin, M.D.
- 11B. Radioactive material shall be used by, or under the supervision of:

AUTHORIZED USERS

Robert Miller, M.D.  
James Benjamin, M.D.  
George Dwyer, M.D.  
Charles Magal, M.D.  
Herbert S. Lambert, M.D.  
Ike Rae Cho, M.D.  
John N. Pappas, M.D.  
Scott Victor Watkins, M.D.

SPECIFIC USE

COMAR 26.12.01.01 §§G.100, G.200, G.300, Items 6D – 6K  
COMAR 26.12.01.01 §§G.100, G.200, G.300, Items 6D – 6K  
COMAR 26.12.01.01 §§G.100, G.200, G.300, Items 6D – 6K  
COMAR 26.12.01.01 §§G.100, G.200  
COMAR 26.12.01.01 §§G.100, G.200  
COMAR 26.12.01.01 §§G.100, G.200  
COMAR 26.12.01.01 §§G.100, G.200  
COMAR 26.12.01.01 §§G.100, G.200, G.300, Items 6D – 6K

The licensee shall comply with all appropriate provisions of COMAR 26.12.01.01, "Regulations for the Control of ionizing radiation," and shall possess a copy of these regulations.



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License Number: MD-01-002-01

Amendment Number: 93 Code 02120

CONDITIONS

13. Leak Testing of sealed sources shall be conducted in accordance with COMAR 26.12.01.01 § D.401
14. Sealed sources containing radioactive material shall not be opened.
15. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for three (3) years from the date of the inventory for inspection by the Department, and shall include the quantities and kinds of radioactive material, location of sealed sources, and the date of the inventory.
16. The release of patients administered radioactive material shall be based on U.S.N.R.C. Regulatory Guide 8.39.
17. The licensee may use the Calicheck or Lineator device for doing linearity tests of his dose calibrator provided the follows the procedures in the respective manual
18. The licensee shall elute generators and process radioactive material with reagent kits in accordance with instructions furnished by the manufacturer on the label attached to or in the leaflet or brochure that accompanies the generator or reagent kit.
- 19A. The licensee shall perform a test to detect and quantify the activity of molybdenum-99 contamination in each elution of technetium-99m from a molybdenum-99/technetium-99m generator and in each extraction or separation of technetium-99m from molybdenum-99 not contained in a generator.
- 19B. The licensee shall not use technetium-99m for human use that contains more than 0.15 microcurie of molybdenum-99 per millicurie of technetium-99m. The limit for molybdenum-99 contamination represents a maximum value and molybdenum-99 contamination should be kept as low as reasonably achievable below this limit.
- 19C. The licensee shall establish written procedures for personnel performing tests to detect and quantify molybdenum-99 contamination. These procedures shall include all necessary calculations and steps to be taken if activities of molybdenum-99 in excess of the limit specified in Item 19B. above are detected.
- 19D. Personnel performing tests to detect and quantify molybdenum-99 contamination shall be given specific training in performing these tests prior to conducting such tests.
  - (1) The licensee shall maintain for inspection by the Department records of the results of each test performed to detect and quantify molybdenum-99 contamination and records of training given to personnel performing these tests.
  - (2) Records described in Sub item (1) above shall be maintained for three (3) years following the performance of the tests and the training of personnel.
19. Food and beverage containers shall not be discarded in radioactive or normal trash containers in licensee's areas utilizing radioactive materials.



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License Number: MD-01-002-01

Amendment Number: 93 Code 02120

CONDITIONS

- 21A. The licensee shall not make any false statement, representation, or certification in any application, record, report, plan, or other document regarding radiation levels, tests performed or radiation safety conditions or practices. Additionally, the licensee shall not falsify, tamper with, or render inaccurate any monitoring device or method.
- 21B. Violation of any term, condition, or regulation could subject the licensee to administrative or civil penalty or criminal prosecution, as specified in Title 8, Radiation, of the Article Environment of the Annotated Code of Maryland.
22. The licensee shall not transfer ownership and/or control of this license to any person or entity without providing required information regarding the transfer for the Agency's review and without receiving written authorization for the transfer by the Agency.
23. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material authorized by this license in accordance with statements representations, and procedures contained in:
- Renewal application dated April 7, 2015.
  - Letter with attachments received June 22, 2015; reply to deficiency letter.

COMAR 26.12.01.01 "Regulations for the Control of Ionizing Radiation" shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

For The Maryland Department of the Environment

June 24, 2015

*6/24/2015*  
*7/13/2015*

CAN

Roland G. Fletcher, Manager IV  
Radiological Health Program  
Air and Radiation Management Administration



**ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE**

<b>Name and Address of Applicant and/or Licensee</b>  Mark T. Perna, M.S. Radiation Safety Officer Preston Memorial Hospital 150 Memorial Drive Kingwood, West Virginia 26537	<b>Date</b> November 29, 2017
	<b>License Number(s)</b> 47-16720-01
	<b>Mail Control Number(s)</b> 601768
	<b>Licensing and/or Technical Reviewer or Branch</b> Medical Branch

This is to acknowledge receipt of your:  Letter and/or  Application      Dated: 11/15/2017

The initial processing, which included an administrative review, has been performed.  
 Amendment       Termination       New License       Renewal

There were no administrative omissions identified during our initial review.

This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>  
 Follow the instructions on the form for submission.

The following administrative omissions have been identified:

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

**Region I**  
**U. S. Nuclear Regulatory Commission**  
**Division of Nuclear Materials Safety**  
**2100 Renaissance Boulevard, Suite 100**  
**King of Prussia, PA 19406-2713**  
**(610) 337-5260, (610) 337-5313,**  
**(610) 337-5398, (610) 337-5239**