

March 29, 2021

U. S. Nuclear Regulatory Commission
Region III
Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532

License Number 24-01090-03

Dear Materials Licensing Section:

This letter is submitted for compliance with 35.14 Notifications, noting the following items:

1. We have allowed Theresa Pagliuca, M.D., to work as an authorized user under our license. We have approved her use of materials to include 35.100, 35.200, and 35.300 (limited to the use of any beta emitter or any photon-emitting radionuclide with a photon energy less than 150 keV). Attached is NRC license # 11-27371-01 and NYS Radioactive Materials License # 1022-2, which specifically list Dr. Pagliuca for these materials. Please add Theresa Pagliuca, M.D. to our list of authorized users for these materials.
2. We have allowed Robert Frazier, M.D., to work as an authorized user under our license. We have approved his use of materials to include 35.100, 35.200, and 35.300. Attached is NRC license # 24-00794-03, which specifically lists Dr. Frazier for these materials. Please add Robert Frazier, M.D. to our list of authorized users for these materials.
3. Please remove Frances Corcoran, M.D. and Jose Pacheco-Gil, M.D. from our list of authorized users for this materials license.

The Radiation Safety Committee has approved the above actions.

Sincerely,



Samuel Rhoades, Ph.D.
Radiation Safety Officer

If you have any questions regarding this notification, please contact Samuel Rhoades, RSO, at (417) 556-4463 or email Samuel.Rhoades@Mercy.net

Sincerely,



Jeremy Drinkwitz
President

RECEIVED APR 08 2021

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70 and 71, 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 byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. St. Joseph Regional Medical Center, Inc.</p> <p>2. 504 Sixth Street Lewiston, ID 83501</p>	<p>In accordance with letter dated December 24, 2019</p> <p>3. License number: 11-27371-01 is amended in its entirety to read as follows:</p>	<p>4. Expiration Date: March 31, 2023</p> <p>5. Docket No.: 030-32211 Reference No.:</p>
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6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	9. Authorized use
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As Needed	A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As Needed	B. For use in imaging and localization studies permitted by 10 CFR 35.200.
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 600 millicuries total	C. For any use permitted by 10 CFR 35.300.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
11-27371-01

Docket or Reference Number
030-32211

Amendment No. 16

- | | | | |
|---|--|--|---|
| 6. Byproduct, source, and/or special nuclear material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license | 9. Authorized use |
| D. Any byproduct material permitted in 10 CFR 35.400 | D. Sealed Sources (3M, Model 6500 Series; Amersham, Model 6702; 6711; 6733; CDCS.J3; SIAK.3158; BEBIG, Model 125.S06; Best Industries, Model 2300; 81-01; International Brachytherapy, Model 103L; 125IL; IsoStar Texas, Model IS-125; Isotope Products Laboratories, Model 67-6500 Series; 67-800 Series; 67-820 Series; North American Scientific, Model MED-3631; MED-3633; Syncor/Cardinal Health, Model BT-125-1; Theragenics, Model 200) | D. 2 curies total | D. For any manual brachytherapy procedure permitted by 10 CFR 35.400. |
| E. Strontium-90 | E. Sealed Sources (Amersham, Model 0922 ML) | E. 30 millicuries per source and 30 millicuries total | E. For storage only. |
| F. Uranium- depleted in Uranium-235 | F. Metal | F. 999 kilograms total | F. For use as shielding in a linear accelerator. |

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at St. Joseph Regional Medical Center, 415 Sixth Street, Lewiston, Idaho.
11. The Radiation Safety Officer (RSO) for this license is Douglas Heidorn, Ph.D.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
11-27371-01

Docket or Reference Number
030-32211

Amendment No. 16

12. Licensed material shall only be used by, or under the supervision of:

A. Individuals permitted to work as authorized users in accordance with 10 CFR 35.13 and 10 CFR 35.14.

B. The following individuals are authorized users for the material and medical uses as indicated:

Authorized User(M.D.,D.O.,etc.)

Material and Use

Angelo Steven Ferraro, M.D.

35.200

Ronald D. Jenkins, M.D.

35.200

Kevin Matthew Kavanaugh, M.D.

35.200

Theresa Pagliuca, M.D.

Parenteral administration of any beta emitter, or a photon-emitting radionuclide with a photon energy less than 150 keV

Paul Sanchirico, M.D.

35.100, 35.200, oral administration of sodium iodide in quantities less than or equal to 33 millicuries

Gregory R. Spurling, M.D.

35.100, 35.200

Michael Whisenant, M.D.

35.100, 35.200

C. The following individuals are authorized users for nonmedical uses as indicated:

Non-Medical Use

Material and Use

Douglas Heidorn, Ph.D.

Cesium-137 for functionality tests of instruments

Paul Sanchirico, M.D.

Depleted uranium as shielding in a linear accelerator

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
11-27371-01Docket or Reference Number
030-32211

Amendment No. 16

13. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee, except as specifically authorized.
14. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated October 3, 2012 excluding procedures (ML12290A673)
 - B. E-mail with attachments dated October 12, 2012 (ML12290A737)
 - C. Emails with attachments dated March 18, 2013 excluding procedures (ML13078A146)
 - D. Letter dated October 24, 2016 (ML16313A036)

Date: February 27, 2020

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

By: Latischa M. HansonLatischa M. Hanson
Region IV



**Department
of Health**

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

SALLY DRESLIN, M.S., R.N.
Executive Deputy Commissioner

FEB 22 2016

W.C.A. Hospital
Department of Nuclear Medicine
207 Foote Avenue
Jamestown, New York 14702-0840

Attention: Lyndon Scott Gritters, M.D.
Radiation Safety Officer

RE: NYS Dept. of Health Radioactive
Materials License No. 1022-2
DH Nos. 15-394, 15-395,
15-484 and 15-530

Dear Dr. Gritters:

Enclosed is Amendment No. 55 to New York State Department of Health Radioactive Materials License No. 1022-2, which names Dr. Corey as an authorized user of radioactive materials for diagnostic nuclear medicine. Please note that the documentation of training and experience submitted for Dr. Corey did not support naming him on the license for therapeutic procedures. You may resubmit NRC Form 313A (AUT) when you have additional information.

In addition, this amendment names Dr. Pagliuca as an authorized user of Samarium 153 and Radium 223 for radiopharmaceutical therapy. A letter dated June 5, 2015 has been added to Condition No. 11. This letter describes a change of your nuclear imaging equipment. Finally, Condition No. 26 was changed to remove the words Cancer Treatment Center from the name WCA Hospital.

If I may be of assistance, please contact this office at (518) 402-7590 or:

New York State Department of Health
Bureau of Environmental Radiation Protection
Radioactive Materials Section
ESP, Corning Tower – Room 1245
Albany, New York 12237

Sincerely,

Michael G. Harmon
Associate Radiological Health Specialist

DJS/MGH

Enclosure: Amendment No. 55

cc: Betsy Wright, President/CEO

**NEW YORK STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIALS LICENSE**

License Number 1022-2

Amendment Number 55

DH Nos. 15-394, 15-395
15-484 and 15-530

W.C.A. Hospital
Department of Nuclear Medicine
207 Foote Avenue
Jamestown, New York 14702-0840

Attention: Lyndon Scott Gritters, M.D.
Radiation Safety Officer

Dear Licensee:

In accordance with the requests dated June 1, 2015, June 5, 2015, June 23, 2015 and December 8, 2015, all signed by Lyndon Scott Gritters, M.D., and Cecil Miller, New York State Department of Health Radioactive Materials License No. 1022-2 is amended as follows:

Change Condition Nos. 6 through 8 to Read:

- | 6. Radioactive Materials
(element & mass no.) | 7. Chemical and/or
Physical Form | 8. Maximum quantity
licensee may possess
at one time |
|---|---|--|
| A. Any radioactive material
as described in
10 NYCRR 16.123(c)(1),
except alpha or positron
emitting isotopes | A. Any radiopharmaceutical
as described in
10 NYCRR 16.123(c)(1) | A. As necessary for uses
in Subitem 9A |
| B. Any radioactive material
as described in
10 NYCRR 16.123(c)(2),
except alpha or positron
emitting isotopes | B. Any radiopharmaceutical or
reagent kit as described in
10 NYCRR 16.123(c)(2)
(Restricted from molybdenum
99/technetium 99m generators) | B. As necessary for uses
in Subitem 9B |
| C. Iodine 131 | C. Sodium iodide
(capsule form only) | C. As necessary for uses
in Subitem 9C |
| D. Xenon 133 | D. Gas | D. 250 millicuries |
| E. Fluorine 18 | E. Any | E. As necessary for uses
in Subitem 9E |

**NEW YORK STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIALS LICENSE**

CONDITIONS

License No. 1022-2
Amendment No. 55

6. Radioactive Materials (element & mass no.)	7. Chemical and/or Physical Form	8. Maximum quantity licensee may possess at one time
F. Radium 223	F. Radium Dichloride	F. 40 millicuries
G. Samarium 153	G. EDTMP (Lexidronam)	G. 250 millicuries

Change Condition No. 9 to Read:

9. Authorized use (unless otherwise described, the authorized place of use is the licensee's address stated in Item 2, above).
- A. and E. Any diagnostic procedure involving measurement of uptake, dilution, or excretion, as described in 10 NYCRR 16.123 (c) (1).
- B. and E. Any diagnostic procedure involving imaging and localization studies, as described in 10 NYCRR 16.123 (c) (2).
- C. For treatment of hyperthyroidism and thyroid carcinoma.
- D. Evaluation of pulmonary function, blood pool, and/or cerebral blood flow studies.
- F. and G. For treatment of patients with metastatic cancer.

Change Condition No. 10 to Read:

10. A. Radioactive material listed in Item 6 shall be used by, or under the supervision of the following individuals, with the specified limitations:
- | | |
|-------------------------------|------------------------------|
| Dallen B. Ashby, M.D. | Subitems A, B, D and E |
| Otis C. Colvin, M.D. | All Subitems, except F and G |
| William Christian Corey, M.D. | Subitems A, B, D and E |
| James Dahlie, M.D. | All Subitems, except F and G |
| Corey G. Daniels, D.O. | All Subitems, except F and G |
| Lyndon Scott Gritters, M.D. | All Subitems, except F and G |
| Ronald D. Klizek, M.D. | All Subitems, except F and G |

**NEW YORK STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIALS LICENSE**

CONDITIONS

License No. 1022-2
Amendment No. 55

10. A. (continued)
- | | |
|-------------------------|------------------------|
| Brian Meagher, M.D. | Subitems A, B, D and E |
| Theresa Pagliuca, M.D. | Subitems F and G |
| Bruce H. Rockwell, M.D. | Subitems A, B, D and E |
- B. Radioactive material listed in Item 6 shall be used by Lyndon S. Gritters, M.D., as appropriate to fulfill the responsibilities of the Radiation Safety Officer.

Change Condition No. 11 to Read:

11. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7 and 8 of this license, in accordance with statements, representations, and procedures contained in the documents (including any enclosures) listed below:
- A. Application for New York State Department of Health Radioactive Materials License dated February 5, 2009, signed by Larry S. Senn.
 - B. Letter dated May 27, 2009, signed by Lyndon Gritters, M.D., and Larry S. Senn.
 - C. Letter dated January 27, 2010, signed by Lyndon Gritters, M.D., and Larry S. Senn.
 - D. Letter dated March 15, 2010, signed by Lyndon S. Gritters, M.D., and Larry Senn, and letter received March 31, 2010, signed by Bowen Keller.
 - E. Letter dated July 12, 2011, signed by Lyndon Gritters, M.D., and Larry Senn.
 - F. Letter dated September 26, 2011, signed by Lyndon S. Gritters, M.D., and Larry Senn.
 - G. Letter dated August 28, 2013, signed by Lyndon S. Gritters, M.D., and Larry Senn.
 - H. Letter dated April 30, 2015, signed by Lyndon S. Gritters, M.D., and Cecil Miller.
 - I. Letter dated June 5, 2015, signed by Lyndon S. Gritters, M.D., and Cecil Miller.
 - J. Letter dated December 8, 2015, signed by Lyndon S. Gritters, M.D. and Cecil Miller.

The New York State Department of Health's regulations shall govern the licensee's statements in applications or letters unless the statements are more restrictive than the regulations.

NEW YORK STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIALS LICENSE

CONDITIONS

License No. 1022-2
Amendment No. 55

Change Condition No. 26 to Read:

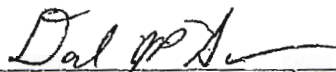
26. Radioactive materials may be used in the Insight Health Corp., coach located outside of the W.C.A. Hospital, as described in the letter dated April 30, 2015, signed by Lyndon Gritters, M.D., and Cecil Miller.

FOR THE NEW YORK STATE DEPARTMENT OF HEALTH

Date: FEB 22 2016

DJS/MGH

cc: Betsy Wright, President/CEO

By 
Daniel J. Samson, CHP, Chief
Radioactive Materials Section
Bureau of Environmental Radiation Protection



Mercy Hospital St. Louis
 Radiation Safety
 607 S. New Ballas Road
 St. Louis, MO 63141
 (314) 251-6657
 www.mercy.net

**RADIOACTIVE MATERIAL USER PERMIT
 (HUMAN USE)**

A permit is hereby issued authorizing the individuals named herein to receive, acquire, and possess the radioactive materials listed below in the given quantities, and to use such radioactive materials for the purposes and at the places designated below. This permit is subject to all applicable rules and regulations of the Hospital, and, in particular, to the provisions of Title 10, Part 20, Code of Federal Regulations, Chapter 1, "Standards for Protection Against Radiation". Radioactive materials specified herein shall be used only on the Hospital premises and by, or under, the supervision of the named individuals.

Radioactive material for use in humans shall be acquired from a supplier who certifies the pharmaceutical quality and assay of such material. All users requiring check, calibration and reference sources are authorized under 10 CFR 35.65 to possess same.

Authority for the issuance of this permit by the Hospital is provided for in the U.S. Nuclear Regulatory Commission Materials License number 24-00794-03

INDIVIDUAL USERS:

- 1. NAME:** Robert C. Frazier, M.D.
 Kathy L. Baglan, M.D.
 Julie A. Mai, M.D.
 Jaymeson S. Stroud, M.D.
 Jeffrey M. Craft, M.D., Ph.D.
 Matthew Johnson, M.D.
 Timothy R. O'Leary, M.D.

- 2. DEPARTMENT OR LABORATORY:**
 Radiation Oncology

- 3. PERMIT NUMBER:** 003-1

- 4. EXPIRATION DATE:** January 31, 2022

- 5. RADIOACTIVE MATERIALS:**
 Any byproduct material identified
 in 10 CFR 35.300

- 6. CHEMICAL AND/OR PHYSICAL FORM:**
 Any radiopharmaceutical identified in 10 CFR 35.300

- 7. MAXIMUM POSSESSION AMOUNT AT ANY ONE TIME:** As needed

- 8. AUTHORIZED USE:** Medical use described in 10 CFR 35.300

Approved by:

Christopher A. Swingle, D.O.
 Chairman, Radiation Safety Committee

Emily Combs RN, MSN
 Vice President Operations

To: Members of Radiation Safety Committee (RSC)

From: Samuel Rhoades, Ph.D., R.S.O.

Date: 3/30/2021

Subject: Robert Frazier, M.D., & Theresa Pagliuca, M.D., have been granted Authorized User (AU) status for radioactive materials.

Please be advised that Theresa Pagliuca, M.D. has been approved by Administration and the RSC/RSO for the use of 35.100, 35.200 & 35.300 (limited to the use of any beta emitter or any photon-emitting radionuclide with a photon energy less than 150 keV) materials.

This authorization is based on NRC license # 11-27371-01 and NYS Radioactive Materials License # 1022-2, which specifically lists Dr. Pagliuca for the above authorizations.

Please be advised that Robert Frazier, M.D. has been approved by Administration and the RSC/RSO for the use of 35.100, 35.200 & 35.300 materials.

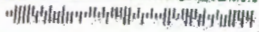
This authorization is based on NRC license # 24-00794-03, which specifically lists Dr. Frazier for the above authorizations.

Administration will verify that Dr. Pagliuca and Dr. Frazier are licensed to practice medicine in the State of Missouri. This internal approval will be followed by submission within 30 days of their respective start dates as an Authorized User under Mercy-Joplin RAM license to the Nuclear Regulatory Commission.

Men
C

100 Merry Way
Joplin, MO 64804

% Whit Sanders



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U.S. Nuclear Reg Commission
Region III
Materials Licensing Section
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