



The Cancer Center
at Ball Memorial Hospital

February 19, 2010

U. S. Nuclear Regulatory Commission
Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Dear Sir or Madam:

Ball Memorial Hospital would like to amend its U.S.N.R.C. Byproduct Materials License, Number 13-00951-03, to add Nakiisa Rogers, MD as an authorized user for 10 CFR 35.100, 10 CFR 35.200 and 10 CFR 35.300 materials (limited to Sodium Iodide - 131 less than or equal to 33 mCi). Dr. Rogers is currently listed as an authorized user for these materials under a medical use license issued through the State of Ohio I have included documentation from this licensee.

If there are any questions concerning this license notification, please feel free to contact me at 765-747-4440.

Sincerely,

Alvis E. Foster, PhD
Radiation Safety Officer

Terry Pence, RPh, MBA
Vice President, Clinical Service Line

Enclosures: 6

cc: Radiation Safety Committee File

Amendment No. 25

Page 1 of 3

OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIAL

Pursuant to Chapter 3748 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess, and transfer radioactive material as 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 applications of Chapter 3748 of the Ohio Revised Code and all applicable rules promulgated thereunder. This license is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

<p style="text-align: center;">LICENSEE</p> <p>1. St. Rita's Medical Center</p> <p>2. 730 West Market Street Lima, Ohio 45801</p>	<p style="text-align: center;">LICENSE NUMBER</p> <p>3. 02120020007</p> <hr/> <p style="text-align: center;">EXPIRATION DATE</p> <p>4. October 1, 2013</p> <hr/> <p style="text-align: center;">BUREAU FILE / ID NUMBER</p> <p>5. 501165 / 2977</p>
---	---

<p>6. RADIOACTIVE MATERIAL</p> <p>A. Any radioactive material permitted by rule 3701:1-58-32 of the Ohio Administrative Code</p> <p>B. Any radioactive material permitted by rule 3701:1-58-34 of the Ohio Administrative Code</p> <p>C. Any radioactive material permitted by rule 3701:1-58-37 of the Ohio Administrative Code</p> <p>D. Any radioactive material permitted by rule 3701:1-58-26 of the Ohio Administrative Code</p>	<p>7. CHEMICAL AND/OR PHYSICAL FORM</p> <p>A. Any radiopharmaceutical form</p> <p>B. Any radiopharmaceutical form</p> <p>C. Any radiopharmaceutical form</p> <p>D. Sealed Source</p>	<p>8. MAXIMUM QUANTITY THAT LICENSEE MAY POSSESS AT ANY ONE TIME UNDER THIS LICENSE</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 37 GBq (1 Ci)</p> <p>D. As needed, no single source to exceed 1.11 GBq (30 mCi)</p>
--	--	---

9. Authorized Use
- A. Any uptake, dilution and excretion study permitted by rule 3701:1-58-32 of the Ohio Administrative Code.
 - B. Any imaging and localization study permitted by rule 3701:1-58-34 of the Ohio Administrative Code.
 - C. Any medical use permitted by rule 3701:1-58-37 of the Ohio Administrative Code.
 - D. Check, calibration and reference sources.

CONDITIONS

- 10. Licensed material may only be used at the licensee's facilities located at:
 St. Rita's Medical Center
 730 West Market Street
 Lima, Ohio 45801
- 11. The Radiation Safety Officer is:
 Tom Xiaolin Tan, M.D.

OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIALS SUPPLEMENTARY SHEET	Page 3 of 3
	License Number: 02120020007
	Bureau File/ID Number: 501165 / 2977
	Amendment No. 25

15. In accordance with rule 3701:1-58-30 of the Ohio Administrative Code, any patient administered gamma emitting radiopharmaceuticals or permanent brachytherapy sources shall be provided a patient release card to include:

- (1) The patient's name.
- (2) The radionuclide administered and its activity.
- (3) The facility name which administered the radionuclide.
- (4) The date of the administration of the radionuclide.
- (5) The expiration date of the card.

The card is not applicable to those patients who are institutionalized (Hospitals, Nursing Homes, Correctional Institutions, etc.) or whose radiation levels do not exceed 0.1 mR/hr at one meter.

16. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in rule 3701:1-40-17(B) of the Ohio Administrative Code for establishing decommissioning financial assurance.

17. 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. The Ohio Department of Health's statutes, rules, and orders shall govern unless statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

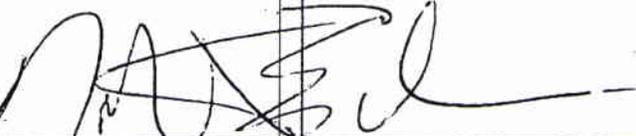
- A. Renewal application dated June 23, 2008
- B. Letter dated June 30, 2008
- C. License number 02120020007 is amended and renewed in its entirety (Amendment #24)
- D. Letter dated March 19, 2009 and electronic mail dated April 6, 2009 (Amendment # 25)

For the Ohio Department of Health

DATE:

4/7/09

BY:


Robert E. Owen, Chief
Bureau of Radiation Protection
on behalf of the Director of Health

OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIALS SUPPLEMENTARY SHEET	Page 2 of 3
	License Number: 02120020007
	Bureau File/ID Number: 501165 / 2977
	Amendment No. 25

12. Licensed material is only authorized for use by, or under the supervision of:

Authorized User	Material and Uses
A. Thomas William Church, M.D.	A. Uses permitted by rules 3701:1-58-32, 3701:1-58-34, and 3701:1-58-37 of the Ohio Administrative Code
B. Andrew Cook, M.D.	B. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code
C. Aimee L. Hawley, M.D.	C. Uses permitted by rules 3701:1-58-32, 3701:1-58-34, and 3701:1-58-37 of the Ohio Administrative Code
D. Lisa J. Lee, M.D.	D. Uses permitted by rules 3701:1-58-32, 3701:1-58-34, and 3701:1-58-37 of the Ohio Administrative Code
E. Kevin Killough, M.D.	E. Uses permitted by rule 3701:1-58-32, 3701:1-58-34 and sodium iodide Iodine-131 permitted by rule 3701:1-58-37 in quantities less than or equal to 33 millicuries.
F. Peter G. Knabe, M.D.	F. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code
G. Patricia L. McCutchan, M.D.	G. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code
H. Nicole Ann Nelson, M.D.	H. Uses permitted by rules 3701:1-58-32, 3701:1-58-34, and 3701:1-58-37 of the Ohio Administrative Code
I. Pavan K. Pudukollu, M.D.	I. Uses permitted by rules 3701:1-58-32, 3701:1-58-34, and 3701:1-58-37 of the Ohio Administrative Code
J. Patrick Rao, M.D.	J. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 of the Ohio Administrative Code
K. Naklisa Rogers, M.D.	K. Uses permitted by rule 3701:1-58-32, 3701:1-58-34 and sodium iodide Iodine-131 permitted by rule 3701:1-58-37 in quantities less than or equal to 33 millicuries.
L. Brett Rush, D.O.	L. Uses permitted by rules 3701:1-58-32, 3701:1-58-34, and 3701:1-58-37 of the Ohio Administrative Code
M. Tom Xiaolin Tan, M.D.	M. Uses permitted by rules 3701:1-58-32, 3701:1-58-34, and 3701:1-58-37 of the Ohio Administrative Code

13. All persons performing activities meeting the definition of "Nuclear Medicine Technologists" as specified in R.C. 4773.01 shall be licensed and in good standing with the State of Ohio.

14. Sealed sources

- A. All sealed sources plus detector cells shall be tested for leakage and/or contamination in accordance with rule 3701:1-38-24 of the Ohio Administrative Code or at such other intervals as specified by the certificate of registration referred to in rule 3701:1-46-49 of the Ohio Administrative Code
- B. Test for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the director, the US NRC, or Agreement state to perform such services and may perform tests for leakage and/or contamination. Sealed source or detector cells containing licensed material shall not be opened or source removed from source holders by the licensee.
- C. All sealed sources that are used or obtained shall have been evaluated and approved under the provisions of rule 3701:1-46-49 of the Ohio Administrative Code or by equivalent NRC or Agreement State regulation.

3701:1-58-32 Use of unsealed radioactive material for uptake, dilution, and excretion studies for which a written directive is not required.

Except for quantities that require a written directive under paragraph (B) of rule 3701:1-58-15 of the Administrative Code, a licensee may use any unsealed radioactive material prepared for medical use for uptake, dilution, or excretion studies that is:

(A) Obtained from a manufacturer or preparer licensed under rule 3701:1-46-43 of the Administrative Code or equivalent United States nuclear regulatory commission or agreement state requirements;

(B) Prepared by:

(1) An authorized nuclear pharmacist; or

(2) A physician who is an authorized user and who meets the requirements specified in rule 3701:1-58-36, or rule 3701:1-58-40 and paragraph (C)(1)(b)(vii) of rule 3701:1-58-36 of the Administrative Code; or

(3) An individual under the supervision, as specified in rule 3701:1-58-14 of the Administrative Code, of the authorized nuclear pharmacist in paragraph (B)(1) of this rule or the physician who is an authorized user in paragraph (B)(2) of this rule; or

(C) Obtained from and prepared by an United States nuclear regulatory commission or agreement state licensee for use in research in accordance with a radioactive drug research committee-approved protocol or an investigational new drug (IND) protocol accepted by United States food and drug administration; or

(D) Prepared by the licensee for use in research in accordance with a radioactive drug research committee-approved application or an investigational new drug (IND) protocol accepted by United States food and drug administration.

Effective: 12/22/2008

R.C. 119.032 review dates: 09/15/2008 and 12/01/2013

Promulgated Under: 119.03

Statutory Authority: 3748.02, 3748.04

Rule Amplifies: 3748.04

Prior Effective Dates: 8/15/2005

3701:1-58-34 Use of unsealed radioactive material for imaging and localization studies for which a written directive is not required.

Except for quantities that require a written directive under paragraph (B) of rule 3701:1-58-15 of the Administrative Code, a licensee may use any unsealed radioactive material prepared for medical use for imaging and localization studies that is:

(A) Obtained from a manufacturer or preparer licensed under rule 3701:1-46-43 of the Administrative Code or equivalent United States nuclear regulatory commission or agreement state requirements;

(B) Prepared by:

(1) An authorized nuclear pharmacist;

(2) A physician who is an authorized user and who meets the requirements specified in rule 3701:1-58-36 or 3701:1-58-40 and paragraph (C)(1)(b)(vii) of rule 3701:1-58-36 of the Administrative Code; or

(3) An individual under the supervision, as specified in rule 3701:1-58-14 of the Administrative Code, of the authorized nuclear pharmacist in paragraph (B)(1) of this rule or the physician who is an authorized user in paragraph (B)(2) of this rule;

(C) Obtained from and prepared by an United States nuclear regulatory commission or agreement state licensee for use in research in accordance with a radioactive drug research committee-approved protocol or an investigational new drug (IND) protocol accepted by United States food and drug administration; or

(D) Prepared by the licensee for use in research in accordance with a radioactive drug research committee-approved application or an investigational new drug (IND) protocol accepted by United States food and drug administration.

Effective: 12/22/2008

R.C. 119.032 review dates: 09/15/2008 and 12/01/2013

Promulgated Under: 119.03

Statutory Authority: 3748.02, 3748.04

Rule Amplifies: 3748.04

Prior Effective Dates: 8/15/2005

3701:1-58-37 Use of unsealed radioactive material for which a written directive is required.

A licensee may use any unsealed radioactive material prepared for medical use and for which a written directive is required that is:

(A) Obtained from a manufacturer or preparer licensed under rule 3701:1-46-43 of the Administrative Code or equivalent United States nuclear regulatory commission or agreement state requirements;

(B) Prepared by:

(1) An authorized nuclear pharmacist;

(2) A physician who is an authorized user and who meets the requirements specified in rule 3701:1-58-36 or 3701:1-58-40 of the Administrative Code; or

(3) An individual under the supervision, as specified in rule 3701:1-58-14 of the Administrative Code, of the authorized nuclear pharmacist in paragraph (B)(1) of this rule or the physician who is an authorized user in paragraph (B)(2) of this rule;

(C) Obtained from and prepared by an United States nuclear regulatory commission or agreement state licensee for use in research in accordance with an investigational new drug (IND) protocol accepted by United States food and drug administration; or

(D) Prepared by the licensee for use in research in accordance with an investigational new drug (IND) protocol accepted by United States food and drug administration.

Effective: 12/22/2008

R.C. 119.032 review dates: 09/15/2008 and 12/01/2013

Promulgated Under: 119.03

Statutory Authority: 3748.02, 3748.04

Rule Amplifies: 3748.04

Prior Effective Dates: 8/15/05

Avis E. Foster, Ph.D.
Ball Memorial Hospital
2401 W. University Ave.
Muncie, IN 47303-3428

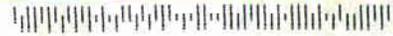
**RETURN RECEIPT
REQUESTED**

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

CERTIFIED MAIL



7008 0150 0002 8127 0715



United States Nuclear Regulatory Commission
Region III
2443 Warrenville Road
Lisle, IL 60532-4352