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August 7, 2012

Br. 1

Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

License Number: 47-25570-01  
Docket Number: 03035774

Dear Sir/Madam:

Please amend our license to add the following physicians as Authorized Users.

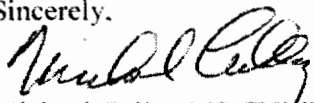
<u>Authorized User</u>	<u>Material and Use</u>
Michael T Oberhofer, MD	35.200
Tapan K. Chaudhuri, MD	35.200

Materials permits that list the named doctors as Authorized Users are attached.

Please remove R. Edward Coleman, MD from the list of Authorized Users.

If you have any further questions please do not hesitate to contact me.

Sincerely,



Michael Culley MS CNMT  
Corporate Radiation Safety Officer  
Alliance HealthCare Services, Inc.  
978-852-3527  
Email: mculley@allianceimaging.com

578132

Department of Veterans Affairs

Page 1 of 4 pages	<b>MATERIALS PERMIT</b>	Amendment No. 87
In accordance with VHA Directive 1105.01 and reliance on statements made by the applicant, permission is hereby granted to receive, possess, transfer, and store radioactive materials listed below, and to use this material for the purpose and at the places listed below.		
Permittee	3. In accordance with <b>your request of November 12, 2010</b> , Permit Number 45-07569-01 is amended to read as follows.	
1. VA Medical Center	4. Expiration date: Date: November 30, 2016	
2. 100 Emancipation Drive Hampton, Virginia 23667	5. Docket or Reference Number: 030-03324	

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount permittee may possess at any one time under this permit
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 37 gigabecquerels (GBq) [1 curie]
D. Any byproduct material permitted by 10 CFR 31.11	D. Prepackaged kits	D. 185 megabecquerels (MBq) [5 millicuries (mCi)]

9. Authorized Use.
- A. Any use permitted by 10 CFR 35.100.
  - B. Any use permitted by 10 CFR 35.200.
  - C. Any use permitted by 10 CFR 35.300.
  - D. *In vitro* studies permitted by 10 CFR 31.11.

**CONDITIONS**

- 10. Permitted material may be used at the permittee's facilities located at 100 Emancipation Drive, Hampton, Virginia.
- 11. The Radiation Safety Officer for this permit is Tapan K. Chaudhuri, M.D.
- 12. Permitted material is only authorized for use by, or under the supervision of:
  - A. Individuals permitted to work as an authorized user and/or authorized nuclear pharmacist in accordance with 10 CFR 35.13 and 35.14.
  - B. The following individuals are authorized users for the materials and uses indicated.

<u>Authorized User</u>	<u>Material and Use</u>
Tapan K. Chaudhuri, M.D.	35.100, 35.200, 35.300, 31.11
Harihara I. Mahadevan, M.D.	35.100, Xenon 133 for pulmonary imaging

Department of Veterans Affairs

<b>MATERIALS PERMIT</b>	
Page 1 of 3 pages	Amendment No. 46
In accordance with VHA Directive 1105.01 and reliance on statements made by the applicant, permission is hereby granted to receive, possess, transfer, and store radioactive materials listed below, and to use this material for the purpose and at the places listed below.	
Permittee	3. In accordance with your request of June 30, 2010, Permit Number 32-13654-01 is amended to read as follows
1. VA Medical Center 2. 2300 Ramsey Street Fayetteville, North Carolina 28301	4. Expiration date: November 30, 2016
	5. Docket or Reference Number: 030-02634

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount permittee may possess at any one time under this permit
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed
C. Iodine 131 permitted by 10 CFR 35.300	C. Sodium Iodide	C. 1.85 gigabecquerels (GBq) (50 millicuries (mCi))
D. Gadolinium 153 permitted by 10 CFR 35.500	D. Sealed source (North American Scientific Model No. MED 3601; Isotope Products Laboratory Model No. NES 8412)	D. 74 GBq total; no single source to exceed 11.11 GBq (300 mCi)
E. Any byproduct material permitted by 10 CFR 31.11	E. Prepackaged Kits	E. 185 megabecquerels (5 mCi)
F. Iodine 125	F. Any	F. 1 mCi

9. Authorized Uses:

- A. Any uptake, dilution, and excretion study permitted by 10 CFR 35.100.
- B. Any imaging and localization study permitted by 10 CFR 35.200.
- C. Any Iodine 131 procedure permitted by 10 CFR 35.100, 35.200, or 35.300 for which the patient can be released under the provisions of 10 CFR 35.75.
- D. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g). For storage in shipping container pursuant to source exchange.
- E. *In vitro* studies permitted by 10 CFR 31.11.
- F. Storage only, pending disposal.

**MATERIALS PERMIT  
SUPPLEMENTARY SHEET**

Page 2 of 3

Permit Number: 32-13654-01

Docket or Reference Number: 030-02834

Amendment No. 46

**CONDITIONS**

10. Permitted material may be used at the permittee's facilities located at 2300 Ramsey Street, Fayetteville, North Carolina.
11. The Radiation Safety Officer for this permit is Michael T. Oberhofer, M.D.
12. Permitted material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user and/or authorized nuclear pharmacist in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for the materials and uses indicated:
- | <u>Authorized User</u>     | <u>Material and Use</u>   |
|----------------------------|---|
| Manoj K. Jain, M.D.        | 35.100, 35.201, 31.11, oral administration of sodium iodide 131, Gadolinium 153 |
| Michael T. Oberhofer, M.D. | 35.100, 35.201, oral administration of sodium iodide 131, Gadolinium 153        |
| Ricky D. Lyerly, M.D.      | 35.100, 35.201  |
| Michael B. Seshul, M.D.    | 35.100, 35.201, oral administration of sodium iodide 131                        |
13. This permit does not authorize commercial distribution of permitted material.
14. Sealed sources cells containing permitted material shall not be opened or sources removed from source holders by the permittee.
15. The permittee is authorized to transport permitted material only in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material."
16. In addition to the possession limits in Item 8, the permittee shall further restrict the possession of unsealed byproduct material to quantities less than  $10^5$  times the applicable limits in Appendix B of 10 CFR 30, as specified in 10 CFR 30.35(d).
17. Incineration of permitted material for the purpose of disposal may be performed only as authorized by 10 CFR 20.2004(a)(2).
18. A. The permittee shall conduct physical inventories to account for all sealed sources and/or devices received and possessed under this permit.
- (1) Quarterly, for sealed sources with either current activity greater than 1 millicurie or current activity greater than 1000 times the quantities in 10 CFR 20, Appendix C.
- (2) Semiannually, for all other sealed sources, except sources specifically exempted by 10 CFR 30.
- B. The permittee shall maintain records for 5 years from the date of each inventory and include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
- C. The permittee shall classify sealed sources, not in active use for their intended clinical or research purpose for a period of 24 months, as disused sources and evaluate the disused sources for disposal as expeditiously as possible.
- D. The permittee shall provide oversight for security of radioactive materials by:

This is to acknowledge the receipt of your letter/application dated

8/7/12, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (47-25870-01)  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 578132.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.