

## U.S. NUCLEAR REGULATORY COMMISSION

## 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, 39, 40, and 70, 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>Licensee</p> <p>1. Rutland Regional Medical Center</p> <p>2. 160 Allen Street Rutland, Vermont 05701-4595</p>	<p>In accordance with the letter dated August 5, 2011,</p> <p>3. License number 44-14121-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date December 31, 2013</p> <p>5. Docket No. 030-07587 Reference No. 030-36360</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed Sources (Medi-Physics, Inc./Amersham Health Model 6711; Mills Biopharm. Models 125SL and 125SH; Bard Brachytherapy, Inc. Model STM 1251; and North American Scientific Model MED 3631)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 186 millicuries</p> <p>D. 500 millicuries</p>
<p>9. Authorized use:</p> <p>A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.</p> <p>B. Any imaging and localization study permitted by 10 CFR 35.200.</p> <p>C. Any use permitted by 10 CFR 35.300, except sodium iodide iodine-131 in quantities greater than 33 millicuries.</p> <p>D. Any manual brachytherapy procedure permitted by 10 CFR 35.400, for which the patient can be released under the provisions of 10 CFR 35.75.</p>		

CONDITIONS

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
44-14121-01

Docket or Reference Number  
030-07587  
030-36360

Amendment No. 34

10. A. Licensed material may be used or stored at the licensee's facilities located at Rutland Regional Medical Center, 160 Allen Street, Rutland, Vermont.
- B. Licensed material in Items 6.A. and 6.B. may be used or stored at the licensee's facilities located at 6 Commons Street, Rutland, Vermont.
- C. Licensed material in Item 6.B. may be used or stored at the licensee's facilities located at 1 Commons Street, Rutland, Vermont and at Rutland Heart Center, 12 Commons Street, Rutland, Vermont.
11. The Radiation Safety Officer for this license is James N. Rademacher, M.D.
12. Licensed material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for medical use as indicated:

Authorized Users

Material and Use

Daniel R. Mitchell, M.D.	35.100; 35.200; 35.300, except oral administration of greater than 33 millicuries of sodium iodide I-131
James N. Rademacher, M.D.	35.100; 35.200; 35.300, except oral administration of greater than 33 millicuries of sodium iodide I-131
Roshan Sivagnanam, M.D.	35.100; 35.200; 35.300, except oral administration of greater than 33 millicuries of sodium iodide I-131
J. C. Biebuyck, M.D.	35.100; 35.200
J. Christian Higgins, M.D.	35.100; 35.200
John McDay, M.D.	35.400
Michael E. Robertello, M.D.	35.100; 35.200
James Fitts, M.D.	35.100; 35.200
Stanley Shapiro, M.D.	35.200

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13. 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 10 CFR 30.35(d) for establishing decommissioning financial assurance.
14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
15. 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.
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| A. | Application dated October 16, 2003   | [ML033040076] |
| B. | Letter dated December 15, 2003   | [ML040050595] |
| C. | Application dated July 10, 2003 – limited to facility diagram and equipment list | [ML031960443] |
| D. | Letter dated February 22, 2005   | [ML050770417] |
| E. | Letter dated November 1, 2005  | [ML053500361] |
| F. | Letter dated December 4, 2005 – limited to facility diagram and equipment list   | [ML053570327] |
| G. | Letter dated August 31, 2006   | [ML062440446] |
| H. | Letter dated March 4, 2011   | [ML110740631] |
| I. | Letter dated March 25, 2011  | [ML110880259] |
| J. | Letter dated August 5, 2011  | [ML112220223] |
| K. | Letter dated August 30, 2011   | [ML112430088] |

For the U.S. Nuclear Regulatory Commission

Date September 1, 2011

By

***Original signed by Janice Nguyen***

Janice Nguyen  
Medical Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406