

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.

Licensee 1. Lawrence & Memorial Hospital 2. 365 Montauk Avenue New London, Connecticut 06320-4769	In accordance with the letter dated January 20, 2010, 3. License number 06-09261-01 is amended in its entirety to read as follows: 4. Expiration date February 28, 2014 5. Docket No. 030-01275 Reference No.	
6. Byproduct, source, and/or special nuclear material A. Any byproduct material permitted by 10 CFR 35.100 B. Any byproduct material permitted by 10 CFR 35.200 C. Any byproduct material permitted by 10 CFR 35.300 D. Any byproduct material permitted by 10 CFR 35.400 E. Any byproduct material permitted by 10 CFR 35.500	7. Chemical and/or physical form A. Any B. Any C. Any D. Sealed sources as specified in Condition 12 E. Sealed Sources (Isotope Products Models A-3410 and NES-8426, and AEA Technology Model GDLIN2)	8. Maximum amount that licensee may possess at any one time under this license A. As needed B. As needed C. 300 millicuries D. 3 curies E. 120 millicuries per source and 300 millicuries total
9. Authorized use: 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 diagnostic study or therapy procedure permitted by 10 CFR 35.300, for which the patient can be released under the provisions of 10 CFR 35.75. D. Any manual brachytherapy procedure permitted by 10 CFR 35.400. E. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).		

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
06-09261-01

Docket or Reference Number
030-01275

Amendment No. 84

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 365 Montauk Avenue, New London, Connecticut.
11. The Radiation Safety Officer for this license is John Sorrentino, M.D.
12. Sealed sources permitted by this license include:

<u>Isotope</u>	<u>Source Model Number</u>	<u>Maximum Activity Per Source</u>
I-125	Medi-Physics, Inc. Model 6711	270 millicuries
I-125	Medi-Physics, Inc. Model 6733	72 millicuries
I-125	North American Scientific, Inc. Model MED3631	25 millicuries
I-125	Best Medical International, Inc. Model 2300 Series	110 millicuries
I-125	BEBIG Model I25.SO6	40 millicuries
I-125	Core Oncology, Inc. Model I-125SL	1 millicurie
I-125	Core Oncology, Inc. Model I-125SH	150 millicuries
I-125	IsoAid, LLC Model IAI-125A	10 millicuries
I-125	Bard Brachytherapy, Inc. Model STM1251	15 millicuries
I-125	International Brachytherapy, Inc. Model 1251L	6.5 millicuries
I-125	Theragenics, Corp. I-Seed Model I125.S06	6 millicuries
Cs-131	IsoRay Medical, Inc. Model CS-1	65 millicuries
Pd-103	Best Medical International, Inc. Model 2300	110 millicuries
Pd-103	North American Scientific Model MED 3633	25 millicuries
Pd-103	International Brachytherapy, Inc. Optiseed-103 Model 1032P	5.2 millicuries
Pd-103	Theragenics, Corp. TheraSeed Model 200	100 millicuries

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13. 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 UsersMaterial and Use

Charles W. Andrias, M.D.	35.200; 35.500
Thomas J. Manning, M.D.	35.100; 35.200; 35.300 except Iodine-131 in quantities greater than 33 millicuries; 35.500
John Sutphen, M.D.	35.100; 35.200; 35.500
Leonard A. Copertino, M.D.	35.100; 35.200; 35.500
Sheldon Robbins, M.D.	35.100; 35.200; oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries; 35.500
Francis J. Mirecki, M.D.	35.200; 35.500
John Sorrentino, M.D.	35.100; 35.200; oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries
Ira Sitko, M.D.	35.100; 35.200; 35.500
Patrick Lahr, M.D.	35.100; 35.200; 35.300 except Iodine-131 in quantities greater than 33 millicuries
Todd Blue, M.D.	35.100; 35.200; 35.500
Valerie Popkin, M.D.	35.200; 35.500
Preston R. Lamberton, M.D.	35.300
Mark J. Somers, M.D.	35.200; 35.500
Jon Gaudio, M.D.	35.200; 35.500

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Authorized UsersMaterial and Use

Arun Basu, M.D.

35.100; 35.200; Oral administration of sodium in quantities less than or equal to 33 millicuries

Yasmine Khan, M.D.

Oral administration of sodium iodide I-131

Roy Decker, M.D., Ph.D.

35.400

James Yu, M.D.

35.400

Abhijit Ajit Patel, M.D., Ph.D.

35.400

14. 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.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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16. 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 January 14, 2004 [ML040340356]
- B. Letter dated May 20, 2004 [ML041410419]
- C. Letter dated February 25, 2008 [ML080930133]
- D. Letter dated September 9, 2008 [ML082620675]
- E. Letter dated September 24, 2008 [ML082740553]
- F. Letter dated December 15, 2008 [ML083510564]
- G. Letter dated February 13, 2009 [ML090710252]
- H. Facsimile dated April 3, 2009 [ML090960526]
- I. Letter dated January 20, 2010 [ML100251756]
- J. Letter dated April 21, 2010 [ML101110617]

For the U.S. Nuclear Regulatory Commission

Date April 21, 2010

By

Original signed by Tara L. Weidner

Tara L. Weidner
Medical Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406