

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.

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<p>Licensee</p> <p>1. Trinity Health-Michigan d/b/a St. Mary Mercy Hospital</p> <p>2. 36475 W. Five Mile Rd. Livonia, MI 48154</p>	<p>In accordance with the letter dated June 20, 2011,</p> <p>3. License number 21-14849-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date February 28, 2014</p> <p>5. Docket No. 030-08159 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
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. Two curies total (not to exceed one curie of iodine-131)
D. Any byproduct material permitted by 10 CFR 35.400	D. Sealed sources (Source Tech Model STM 1251; Best Medical Int. Inc. Models 81-01, 2301 and 2335; 3M 6501, 6502, 6503; Theragenics Corp. Model TS200; American Scientific Models 3631-A/M and Med 3633; Medi-Physics, Inc. OncoSeed Model 6711 and EchoSeed Model 6733; IsoRay Medical Inc. Model CS-1; IsoAid LLC, Model No. IAI-125A (Advantage I-125))	D. Six curies total (cesium-131 not to exceed one curie; iodine-125 not to exceed one curie; palladium-103 not to exceed one curie; cesium-137 not to exceed 300 millicuries)
E. Any byproduct material permitted by 10 CFR 31.11	E. Prepackaged Kits	E. 2 millicuries

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

21-14849-01

Docket or Reference Number

030-08159

Amendment No. 57

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.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400. Cesium-137 sources authorized by 10 CFR 35.400 are only authorized for storage incident to disposal.
- E. In vitro studies.

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at 36475 W. Five Mile Road, Livonia, Michigan.
- 11. The Radiation Safety Officer for this license is **Oneil Lee, M.D., Ph.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

Chung Kim, M.D.	10 CFR 35.100 and 35.200.
Karen Lee Johnson-Haddlesey, M.D.	10 CFR 35.100 and 35.200.
George Henning, M.D.	10 CFR 35.100 and 35.400.
Swati Dutta, M.D.	10 CFR 35.300 and 35.400.
Nader Mohtadi, M.D.	10 CFR 35.100, 35.200 and 35.300.
Christopher Markus Esshaki, M.D.	10 CFR 35.100 and 35.200.
Stephanie E. Falbo, M.D.	10 CFR 35.100, 35.200 and 35.300.
Leslie Jacobson, M.D.	10 CFR 35.100, 35.200 and 35.300 (oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries).
Yahya Akram Albeer, M.D.	10 CFR 35.100 and 35.200.

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Authorized UsersMaterial and Use

Kurt Westley, M.D.

10 CFR 35.100, 35.200 and 35.300 (oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries).

Sal Jafar, M.D.

10 CFR 35.300 and 35.400.

Samir Narayan, M.D.

10 CFR 35.400.

Walter M. Sahijdak, M.D.

10 CFR 35.300 and 35.400.

John E. Freitas, M.D.

10 CFR 35.100, 35.200 and 35.300.

Joaquin O. Uy, M.D., Ph.D.

10 CFR 35.100, 35.200 and 35.300.

Sean Theisen, M.D.

10 CFR 35.100 and 35.200.

James Paul Carl, M.D.

10 CFR 35.100, 35.200 and 35.300.

Louis S. Magagna, M.D.

10 CFR 35.100, 35.200 and 35.300.

Christine Dickinson, M.D.

10 CFR 35.100, 35.200 and 35.300.

Oneil Lee, M.D., Ph.D.

10 CFR 35.100, 35.200 and 35.300.

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."

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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.

A. Application dated October 16, 2003; and

B. Letter dated June 20, 2011.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date SEP 12 2011

By



Toye L. Simmons
Materials Licensing Branch
Region III