

**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 style="text-align: center;">Licensee</p> <p>1. VHS Huron Valley-Sinai Hospital, Inc.</p> <p>2. 1 William Carls Drive Commerce, MI 48382-2201</p>	<p>In accordance with letters dated <b>May 8, 2013, and July 18, 2013,</b></p> <p>3. License number 21-24652-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date July 31, 2021</p> <hr/> <p>5. Docket No. 030-29063 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. <b>One curie</b>

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.

CONDITIONS

- 10. Licensed material may be used at the licensee's facilities located at 1 William Carls Drive, Commerce, Michigan.
- 11. The Radiation Safety Officer for this license is Carole Williams Roseland, D.O.
- 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.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

21-24652-01

Docket or Reference Number

030-29063

**Amendment No. 34**

B. The following individuals are authorized users for medical use as indicated:

Authorized UsersMaterial and Use

Carole Williams Roseland, D.O.

10 CFR 35.100, 35.200, and 35.300 (excluding thyroid carcinoma therapy).

Joseph J. Mittner, D.O.

10 CFR 35.100, 35.200, and 35.300 (excluding thyroid carcinoma therapy).

Kimberly Hart, M.D.

10 CFR 35.300.

Victoria A. Swegles, D.O.

10 CFR 35.100 and 35.200.

Richard Krikorian, D.O.

10 CFR 35.100 and 35.200.

Bruce A. Wolf, D.O.

10 CFR 35.100 and 35.200.

Christina L. Torres, M.D.

10 CFR 35.100 and 35.200.

Seetha Sindhura Vakhariya, M.D.

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

Jacqueline T. Huynh, M.D.

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

**Gregg Warren, D.O.****10 CFR 35.100 and 35.200.****Eric Biondi-Savin, D.O.****10 CFR 35.100 and 35.200.**

13. 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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SUPPLEMENTARY SHEET**License Number  
21-24652-01Docket or Reference Number  
030-29063**Amendment No. 34**

14. 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. Letters dated January 11, 2011 (including attachments), July 23, 2012, and October 18, 2012.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUL 18 2013By *Colleen Carol Casey*  
Colleen Carol Casey  
Materials Licensing Branch  
Region III