

**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. Hurley Medical Center Department of Radiology</p> <p>2. One Hurley Plaza Flint, MI 48503</p>	<p>In accordance with letter dated <b>December 13, 2013,</b></p> <p>3. License number 21-00338-02 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date <b>November 30, 2015</b></p> <hr/> <p>5. Docket No. 030-01993 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. One curie
D. Any byproduct material permitted by 10 CFR 31.11	D. Prepackaged Kits	D. 2 millicuries
E. Uranium depleted in uranium-235	E. Solid metal	E. Not to exceed 999 kilograms total possession limit

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 therapy procedure permitted by 10 CFR 35.300.
  - D. In vitro studies.
  - E. For shielding in a linear accelerator.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
21-00338-02

Docket or Reference Number  
030-01993

**Amendment No. 135**

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at Hurley Medical Center, One Hurley Plaza, Flint, Michigan.
11. **Radiation Safety Officer: Gurkan Ege, 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

P. B. Lauber, M.D.

10 CFR 35.100, 35.200, and 35.300.

Ahmed M. Akl, M.D.

10 CFR 35.300.

Apparao Mukkamala, M.D.

10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.

M. Rao Tummala, M.D.

10 CFR 35.100, 35.200, and iodine-131 for treatment of hyperthyroidism and cardiac dysfunction.

Douglas D. Congdon, D.O.

10 CFR 31.11.

Anant Patel, M.D.

10 CFR 35.100, 35.200 and 35.300 (limited to oral administration of sodium iodide I-131).

Gurkan Ege, M.D.

10 CFR 35.100, 35.200 and 35.300 (limited to oral administration of sodium iodide I-131).

Gagandeep Singh, M.D.

10 CFR 35.100, 35.200 and 35.300 (limited to oral administration of sodium iodide I-131).

**Ambreen Sattar, M.D.**

**10 CFR 35.100 and 35.200.**

**Anish Bansal, M.D.**

**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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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. Application dated July 21, 2005; and
- B. Letters dated October 18, 2005, November 10, 2005, September 21, 2005, October 19, 2005, November 10, 2005, September 20, 2007, September 10, 2008, February 9, 2011 (with attachments), August 18, 2011 (with attachments), and February 6, 2013.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

FEB 10 2014

By

Toye L. Simmons  
Materials Licensing Branch  
Region IIII