

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.

PCO 2120

318409

<p>Licensee</p> <p>1. Holland Community Hospital</p> <p>2. 602 Michigan Avenue Holland, MI 49423-4999</p>	<p>In accordance with letter dated July 30, 2009,</p> <p>3. License number 21-18502-01 is amended in its entirety as follows:</p> <hr/> <p>4. Expiration date September 30, 2014</p> <hr/> <p>5. Docket No. 030-13801 Reference No.</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 31.11</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Prepackaged Kits</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. As needed (not to exceed 1 curie of I-131)</p> <p>D. As needed</p>
---	--	--

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 iodine-131 use, oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries).
 - D. In vitro studies.

CONDITIONS

- 10. A. Licensed material shall be received, stored and used at the licensee's facilities located at Holland Community Hospital, 602 Michigan Avenue, Holland, Michigan.
- B. Licensed material identified in subitem 6.B. may be used at temporary job sites of medical care facilities anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
21-18502-01

Docket or Reference Number
030-13801

Amendment No. 36

11. The Radiation Safety Officer for this license is John D. DeMott, Jr., 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

John D. DeMott, Jr., M.D.	10 CFR 35.100, 35.200 and 35.300
Frederick Jay Kellaway, M.D.	10 CFR 35.100 and 35.200
Jeffery S. Tanis, M.D.	10 CFR 35.100, 35.200 and 35.300
David J. Mulligan, M.D.	10 CFR 35.100, 35.200 and 31.11.
William A. Frauenheim, M.D.	10 CFR 35.100 and 35.200
Richard R. Harper, M.D.	10 CFR 35.100 and 35.200.
Konstantin R. Loewig, M.D.	10 CFR 35.100 and 35.200.
Paul C. Field, M.D.	10 CFR 35.100 and 35.200.
Edward J. Maas, M.D.	10 CFR 35.100 and 35.200 and 35.300.
John A. Merchun, M.D.	10 CFR 35.100 and 35.200.
Anthony D. Barclay, M.D.	10 CFR 35.100 and 35.200.
David B. Johnson, M.D.	10 CFR 35.100 and 35.200
Gary L. Bowman, D.O.	10 CFR 35.100 and 35.200.
Gerald Joseph Perriguey III, D.O.	10 CFR 35.100 and 35.200.
Susan Ervine, 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."
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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
21-18502-01Docket or Reference Number
030-13801

Amendment No. 36

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 July 15, 2004.
 - B. Letters dated January 23, 2006, October 17, 2006, **July 30, 2009**; and
 - C. Facsimile dated April 1, 2009.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date SEP 21 2009By Colleen Carol Casey
Colleen Carol Casey
Materials Licensing Branch
Region III