

U.S. NUCLEAR REGULATORY COMMISSION

**Amendment No. 52**

**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, 37, 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. ProMedica Bixby Hospital Department of Radiology</p> <p>2. 818 Riverside Avenue Adrian, MI 49221</p>	<p>In accordance with the letter dated <b>February 26, 2015</b>,</p> <p>3. License number 21-03194-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date <b>February 28, 2025</b></p> <hr/> <p>5. Docket No. 030-02027 Reference No. 030-18540</p>
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<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>E. Gadolinium-153</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>E. Sealed sources (Lunar Radiation Corporation Model GD Series)</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. 2 curies</p> <p>D. 10 millicuries</p> <p>E. Two sources not to exceed 1.5 curies each. Total activity 3 curies.</p>
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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. In vitro studies.
  - E. Possession and storage only incident to disposal.

CONDITIONS

10. A. Licensed material in Items 6.A. through 6.D. shall be used at the licensee's facilities located at 818 Riverside Avenue, Adrian, Michigan.

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B. Licensed material in Items 6.A., 6.B. and 6.E. shall be used at the licensee's facilities located at 500 East Pottawatamie Street, Tecumseh, Michigan.

**11. The Radiation Safety Officer for this license is James P. Carl, 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:

<u>Authorized Users</u>	<u>Material and Use</u>
Wayne S. Court, M.D.	10 CFR 35.300.
Rajender K. Ahuja, M.D.	10 CFR 35.300.
Steven J. Rubin, M.D.	10 CFR 35.300.
Faheem Ahmad, M.D.	10 CFR 35.300.
Henry R. Silverman III, M.D.	10 CFR 35.100 and 35.200.
John E. Freitas, M.D.	10 CFR 35.100, 35.200, 35.300 and 31.11.
James A. Fugazzi, M.D.	10 CFR 35.300.
Joseph Painter, M.D.	10 CFR 35.100 and 35.200.
Ryan Jin, M.D.	10 CFR 35.300.
Shaneli A. Fernando, M.D.	10 CFR 35.300.
Jeffrey A. Forquer, M.D.	10 CFR 35.300.
Wainwright Jaggernauth, M.D.	10 CFR 35.300.
Dhaval Kirit Parikh, M.D.	10 CFR 35.300.
Oneil Lee, M.D.	10 CFR 35.100, 200 and 300.
James Paul Carl, M.D.	10 CFR 35.100, 200, and 300.
<b>Eric Kielhorn, M.D.</b>	<b>10 CFR 35.300.</b>

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- 13. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 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 August 1, 2014.
  - B. Letter dated January 14, 2015.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date APR 07 2015

By *Toye L. Simmons*  
Toye L. Simmons  
Materials Licensing Branch  
Region III