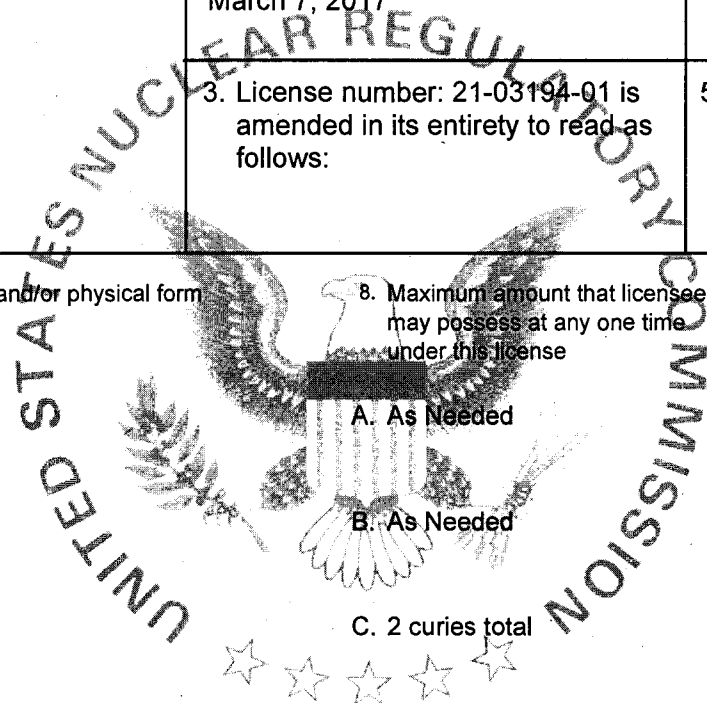


MATERIALS LICENSE

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, 70 and 71, 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. ProMedica Bixby Hospital Department of Radiology</p> | <p>In accordance with letter dated March 7, 2017</p> | <p>4. Expiration Date: February 28, 2025</p> | |
| <p>2. 818 Riverside Ave. Adrian, MI 49221</p> | <p>3. License number: 21-03194-01 is amended in its entirety to read as follows:</p> | <p>5. Docket No.: 030-02027 Reference No.: 030-18540</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>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 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 total</p> <p>D. 10 millicuries total</p> <p>E. 1.5 curies per source and 3 curies total</p> | <p>9. Authorized use</p> <p>A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.</p> <p>B. For use in imaging and localization studies permitted by 10 CFR 35.200.</p> <p>C. For any use permitted by 10 CFR 35.300.</p> <p>D. For use in in-vitro studies.</p> <p>E. Possession and storage only incident to disposal.</p> |



**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

21-03194-01

Docket or Reference Number

030-02027

030-18540

Amendment No. 53

CONDITIONS

10. A. Licensed material listed in Subitem Nos. 6.A. through 6.D. may be used at the licensee's facilities located at 818 Riverside Avenue, Adrian, Michigan.
- B. Licensed material listed in Subitem Nos. 6.A., 6.B., and 6.E. may be used at the licensee's facilities located at 500 East Pottawatamie Street, Tecumseh, Michigan.
11. The Radiation Safety Officer (RSO) for this license is James P. Carl, M.D.
12. Licensed material shall only be used by, or under the supervision of:
- A. Individuals permitted to work as authorized users in accordance with 10 CFR 35.13 and 10 CFR 35.14.
- B. The following individuals are authorized users for the material and medical uses as indicated:
- | <u>Authorized User(M.D.,D.O.,etc.)</u> | <u>Material and Use</u> |
|--|--|
| Wayne S. Court, M.D. | 10 CFR 35.300 |
| Rajender K. Ahuja, M.D. | 10 CFR 35.300 |
| Eric Kielhorn, M.D. | 10 CFR 35.300 |
| Steven J. Rubin, M.D. | 10 CFR 35.300 |
| Dhaval Kirit Parikh, 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 |
| James Paul Carl, M.D. | 10 CFR 35.100, 35.200, and 35.300 |
| Joseph Painter, M.D. | 10 CFR 35.100 and 35.200 |
| Ryan Jin, M.D. | 10 CFR 35.300 |

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

21-03194-01

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030-02027

030-18540

Amendment No. 53

Authorized User(M.D.,D.O.,etc.)

Faheem Ahmad, M.D.

Shaneli A. Fernando, M.D.

Jeffrey A. Forquer, M.D.

Wainwright Jaggernaut, M.D.

Oneil Lee, M.D.

Material and Use

10 CFR 35.300

10 CFR 35.300

10 CFR 35.300

10 CFR 35.300

10 CFR 35.100, 35.200, and 35.300

13. 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 (ML14234A228)
- B. Letter dated January 14, 2015 (ML15087A561)
- C. Letter dated March 7, 2017 (ML17066A439)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: April 20, 2017By: Sara A. ForsterSara A. Forster
Region III