

**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.

<p style="text-align: center;">Licensee</p> <p>1. Black River Medical Center</p> <p>2. 221 Physicians Park Dr. Poplar Bluff, MO 63901</p>	<p>In accordance with letter dated June 05, 2018.</p> <p>3. License number: 24-32383-01 is amended in its entirety to read as follows:</p>	<p>4. Expiration Date: October 31, 2022</p> <p>5. Docket No.: 030-35968 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. 800 millicuries total</p> <p>D. 1 millicurie 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>
---	--	--	---

CONDITIONS



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

24-32383-01

Docket or Reference Number

030-35968

Amendment No. 9

10. Licensed material may be used or stored at the licensee's facilities located at: 221 Physicians Park Dr., Poplar Bluff, Missouri, 63901

11. The Radiation Safety Officer (RSO) for this license is Mark L. Gates, 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:

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

Material and Use

Donna L. Almond, D.O.

10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300, 10 CFR 31.11

Matthew Bokerman, M.D.

10 CFR 35.200

James J. Borders, M.D.

10 CFR 35.100, 10 CFR 35.200

Jeffrey W. Boss, M.D.

10 CFR 35.100, 10 CFR 35.200

Tom B. Brumitt, D.O.

10 CFR 35.100, 10 CFR 35.200

Todd Michael Buersmeyer, M.D.

10 CFR 35.100, 10 CFR 35.200

Terrance Michael Chambers, M.D.

10 CFR 35.100, 10 CFR 35.200

Derek L. Fimmen, M.D.

10 CFR 35.200

Mark L. Gates, M.D.

10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300

Rajinder M. Gulati, M.D.

10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300, 10 CFR 31.11

Michael C. Muzinich, M.D.

10 CFR 35.100, 10 CFR 35.200

Shanaree M. Muzinich, M.D.

10 CFR 35.200

Huan Luong Nguyen, M.D.

10 CFR 35.100, 10 CFR 35.200

Richard Lyle Ogles, M.D.

10 CFR 35.100, 10 CFR 35.200

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

24-32383-01

Docket or Reference Number

030-35968

Amendment No. 9

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

William Michael Pelton, M.D.

Mark L. Pfautsch, D.O.

George Pjura, M.D.

Christopher T. Russell, M.D.

Kyle W. Sanders, M.D.

Ryan Siebert, M.D.

Willeford J. Stoecker, M.D.

Cedric C. Strange, M.D.

Theodore R. Swartz, M.D.

Michael Thomas, M.D.

Adam Ross Todd, M.D.

Andrew E. West, M.D.

Jeffrey Wichman, M.D.

Craig W. Williams, M.D.

James B. Winblad, M.D.

Material and Use

10 CFR 35.200

10 CFR 35.100,10 CFR 35.200

10 CFR 35.100,10 CFR 35.200,10 CFR 35.300

10 CFR 35.100,10 CFR 35.200

10 CFR 35.100,10 CFR 35.200

10 CFR 35.100,10 CFR 35.200

10 CFR 35.100,10 CFR 35.200

10 CFR 35.100,10 CFR 35.200

10 CFR 35.100,10 CFR 35.200

10 CFR 35.100,10 CFR 35.200

10 CFR 35.100,10 CFR 35.200

10 CFR 35.100,10 CFR 35.200

10 CFR 35.200

10 CFR 35.100,10 CFR 35.200

10 CFR 35.100,10 CFR 35.200



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
24-32383-01Docket or Reference Number  
030-35968

Amendment No. 9

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 April 10, 2012 (ML12104A127)
- B. Letter dated September 20, 2017 (ML17272A529)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: AUG 28 2018By: Cassandra F. Frazier  
Region III