

## 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 2/20*  
Licensee

1. Bothwell Regional Health Center
2. 601 East 14th Street  
Sedalia, MO 65302-1706

In accordance with the letter dated  
**June 22, 2011,**

3. License number 24-16275-01 is amended in its entirety to read as follows:

4. Expiration date **May 31, 2020**

5. Docket No. **030-10715**  
Reference No.

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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 35.400</p> | <p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed sources (Bard, Model Nos. STM 1251 and Theragenics Corp. TheraSeed Model 200)</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 iodine-131)</p> <p>D. 1.6 curies total</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. Any manual brachytherapy procedure permitted by 10 CFR 35.400.

CONDITIONS

10. A. Licensed material listed in Items 6.A. and 6.B. shall be used only at the licensee's facilities located at 601 East 14th Street, Sedalia, Missouri, and at **3700 West 10th Street, Sedalia, Missouri.**
- B. Licensed material listed in items 6.C. and 6.D. shall be used only at the licensee's facilities located at 601 East 14th Street, Sedalia, Missouri.
11. Radiation Safety Officer: David H. Roehrs, M.D.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
24-16275-01

Docket or Reference Number  
030-10715

Amendment No. 22

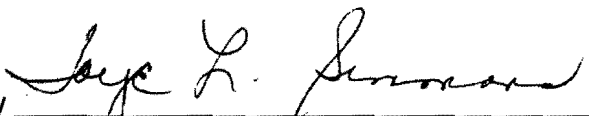
12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
James R. Farkas, M.D.	10 CFR 35.100, 35.200, and 35.300.
David H. Roehrs, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to diagnostic procedures which require a written directive).
Mark Bryer, M.D.	10 CFR 35.300 and 35.400.
William E. Decker, M.D.	10 CFR 35.300 and 35.400.
Steven J. Westgate, M.D.	10 CFR 35.300 and 35.400.
Lawrence Lee, M.D.	10 CFR 35.100, 35.200 and 35.300.

13. 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.
14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.26. The 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 February 8, 2010; and
- B. Letters dated April 13, 2011, and **June 22, 2011.**

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date SEP 13 2011

By   
Toye L. Simmons  
Materials Licensing Branch  
Region III