

**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. SSM Health St. Clare Hospital - Fenton</p> <p>2. 1015 Bowles Avenue                  Fenton, MO 63026</p>	<p>In accordance with letter dated  <b>December 15, 2015,</b></p> <p>3. License No. 24-11858-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration Date: September 30, 2025</p> <hr/> <p>5. Docket No. 030-02368                  Reference No.</p>
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6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 2 curies
D. Iridium-192 permitted by 10 CFR 35.400	D. Sealed sources (Best Medical International, Inc., Model 81-01)	D. 1 curie
E. Iodine-125 permitted by 10 CFR 35.400	E. Sealed sources (Best Medical International, Inc., Models 2301 to 2316; North American Scientific, Inc., Model Med 3631; Core Oncology, Inc. (formerly Mills Biopharmaceuticals, LLC) Model I-125 SL (Prostaseed); International Brachytherapy SA Model 1251L; Syncor Pharmaceuticals, Inc., Model BT-125-1; Medi-Physics, Inc., Model 6711 (OncoSeed™); IsoAid, L.L.C., Model IAI-125A (Advantage™ I-125); Implant Sciences Corp. Model 3500 (I-plant); Bard Brachtherapy, Inc., Model STM 1251 and <b>Theragenics I-Seed Model AgX100</b> )	E. 1 curie

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.  
24-11858-01

Docket or Reference No.  
030-02368

**Amendment No. 57**

F. Palladium-103 permitted by  
10 CFR 35.400

F. Sealed sources (Best Medical  
International, Inc., Models 2331  
and 2335; North American  
Scientific, Inc., Model Med  
3633; Theragenics Corporation  
Theraseed Model 200; Mills  
Biopharmaceuticals Model 103  
SL; International Brachytherapy  
SA Model 1031L; Medi-  
Physics, Inc., Model 6733  
(EchoSeed™); and IsoAid,  
L.L.C., Model IAPd-103A  
(Advantage™ Pd-103)).

F. 1 curie

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. through F. Any manual brachytherapy procedure permitted by 10 CFR 35.400.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 1015 Bowles Avenue, Fenton, Missouri.
- 11. The Radiation Safety Officer (RSO) for this license is Andre Strzembosz, 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 User

Material and Use

David Morris, M.D.

10 CFR 35.300 and 35.400.

Ronald Palmer, M.D.

10 CFR 35.100, 35.200, and 35.300.

Andre Strzembosz, M.D.

10 CFR 35.100, 35.200, and 35.300.

Karen J. Baranski, M.D.

10 CFR 35.100 and 35.200.

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030-02368

**Amendment No. 57**Authorized UserMaterial and Use

Thomas P. Bocchini, M.D.

10 CFR 35.100 and 35.200.

Robert J. Gresick, M.D.

10 CFR 35.100 and 35.200.

Megan Maine Gau, M.D.

10 CFR 35.100 and 35.200.

Robert Swanson, M.D.

10 CFR 35.300 and 35.400 (**limited to palladium-103 and iodine-125**).

John Bedwinek, M.D.

10 CFR 35.300 and 35.400.

John Joseph Stephens, M.D.

10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131).

Thomas M. Schroyer, M.D.

10 CFR 35.100 and 35.200.

Rebecca J. Mueller, M.D.

10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131).

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 April 20, 2015 (ML15118A911)  
B. Letter dated September 29, 2015 (ML15273A058)

FOR THE U. S. NUCLEAR REGULATORY COMMISSION

Date

**JAN 20 2016**

By

*Colleen Carol Casey*  
Colleen Carol Casey  
Materials Licensing Branch  
Region III