U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 38

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.

Licensee	In accordance with letter dated January 10, 2020.	4. Expiration Date: January 31, 2026
1. St. Mary Medical Center - Hobart		5. Docket No.: 030-31379 Reference No.:
2. 1500 S Lake Park Ave. Hobart, IN 46342	3. License number: 13-03459-03 is amended in its entirety to read as follows:	

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	9. Authorized use
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As Needed	A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As Needed	B. For use in imaging and localization studies permitted by 10 CFR 35.200.
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 500 millicuries total	C. For any use permitted by 10 CFR 35.300.
D. Any byproduct material permitted by 10 CFR 31.11	D. Prepackaged Kits	D. 3 millicuries total	D. For use in in-vitro studies.

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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	9. Authorized use
E. Yttrium-90 permitted by 10 CFR 35.1000	E. Microspheres (Sirtex, Model SIR-Spheres)	E. 296 millicuries per vial; 2 curies total	E. For use in permanent manual brachytherapy using Sirtex Model SIR-Spheres yttrium-90 microspheres delivery system as permitted by 10 CFR 35.1000.

CONDITIONS

10. A. Licensed material listed in Subitem Nos. 6.A. through 6.E. may be used or stored at the licensee's facilities located at 1500 S Lake Park Ave., Hobart, Indiana.
    B. Licensed material listed in Subitem Nos. 6.A. through 6.D. may also be used or stored at the licensee's facilities located at 300 W 61st Ave., Hobart, Indiana.
    C. Licensed material listed in Subitem Nos. 6.A. through 6.B may also be used or stored at the licensee's facilities located at 3545 Arbors Blvd., Portage, Indiana.
    D. Licensed material listed in Subitem Nos. 6.A. through 6.B may also be used or stored at the licensee's facilities located at 3800 St. Mary Drive, Valparaiso, Indiana.

11. The Radiation Safety Officer (RSO) for this license is Santosh K. Kar, M.S.

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.

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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
Samer Ajam, M.D.	10 CFR 35.200
Keith Atassi, M.D.	10 CFR 35.200
Joseph Danavi, M.D.	10 CFR 35.200
John W. Gustaitis, Jr., M.D.	10 CFR 35.100,10 CFR 35.200,10 CFR 35.300
Thomas M. Hoess, M.D.	10 CFR 31.11,10 CFR 35.100,10 CFR 35.200
Mikhail Jeha, M.D.	10 CFR 35.100,10 CFR 35.200
Abdul Kawamleh, M.D.	10 CFR 35.100,10 CFR 35.200
Shawn R. Kenney, M.D.	10 CFR 31.11,10 CFR 35.100,10 CFR 35.200
Mohammed M. Khadir, M.D.	10 CFR 35.100,10 CFR 35.200; 10 CFR 35.1000 (limited to yttrium-90 as SIR-Spheres)
A. Arif Khalil, M.D.	10 CFR 35.200
Akram Knoloki, M.D.	10 CFR 35.100,10 CFR 35.200
Sorin Lazar, M.D.	10 CFR 35.200
Jonathon T. Lee, M.D.	10 CFR 31.11,10 CFR 35.100,10 CFR 35.200
Mary Nicholson, M.D.	10 CFR 35.100,10 CFR 35.200
Charles-Lauwanga Okoro, D.O.	10 CFR 35.200
Jeffery Jon Quackenbush, M.D.	10 CFR 35.300
Anas Hakam Safadi, M.D.	10 CFR 35.200
Harish Shah, M.D.	10 CFR 35.100,10 CFR 35.200
Vijah P. Shah, M.D.	10 CFR 35.100,10 CFR 35.200
Justin Spackey, M.D.	10 CFR 35.100,10 CFR 35.200
Lingyun Xiong, M.D.	10 CFR 35.300 (limited to the oral administration of sodium iodide I-131 in quantities of 33 millicuries or less)

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Authorized User(M.D.,D.O.,etc.)	Material and Use
Ramana Yedavalli, M.D.	10 CFR 35.100,10 CFR 35.200; 10 CFR 35.1000 (limited to yttrium-90 as SIR-Spheres)
Kais J. Yehyawi, M.D.	10 CFR 35.100,10 CFR 35.200
Feng Zhang, M.D.	10 CFR 35.100,10 CFR 35.200; 10 CFR 35.300 (limited to oral administration of sodium iodide I-131 in quantities of 33 millicuries or less)
Jack Ziegler, M.D.	10 CFR 35.200

13. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all glass microspheres received and possessed under the license. Records of inventories shall be maintained for 3 years from the date of each inventory, and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.

14. In accordance with letter dated December 19, 2017 (ML17353A894), the licensee may make changes to its radiation safety program, as it relates to the use of yttrium-90 microspheres as permitted by 10 CFR 35.1000.

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. 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 July 28, 2015 (ML15218A568)
    B. Letter dated January 6, 2016 (ML16007A729)
    C. Letter dated January 5, 2017 (ML17018A414)
    D. Letter dated May 22, 2017 (ML17146B324)
    E. Letter dated June 20, 2017 (ML17172A121)

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F. Letter dated September 28, 2017 (ML17276B167)
G. Letter dated December 19, 2017 (ML17354A646)
H. Letter dated December 19, 2017 (ML17353A894)
I. Letter dated February 26, 2018 (ML18057A559)
J. Letter dated September 26, 2019 (ML19270H110)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: February 6, 2020

By: Sara A. Forster
Sara A. Forster
Region 3