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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 1. IOM Health System, LP d/b/a Lutheran Hospital of Indiana 2. 7950 West Jefferson Blvd. Fort Wayne, IN 468041677			In accordance with letter dated July 16, 2019. 3. License number: 13-01535-01 is amended in its entirety to read as follows:		July 4	4. Expiration Date: August 31, 2025			
					1 is	5. Docket No.: 030-01594 Reference No.:			
6.	Byproduct, source, and/or special nuclear material	7.	Chemica	al and/or physical	form 8.	Maximum amount may possess at an under this license		9.	Authorized use
A.	Any byproduct material permitted by 10 CFR 35.100	Α.	Any		A.	As Ne eded		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	В.	Any		В.	As Needed		В.	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.	1 curie total		C.	For any use permitted by 10 CFR 35.300.

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CONDITIONS

- 10. A. Licensed material may be used or stored at the licensee's facilities located at 7950 West Jefferson Boulevard, Fort Wayne, Indiana.
 - B. Licensed material listed in Subitem Nos. 6.A. and 6.B. may be used at the licensee's facilities located at 7916 West Jefferson Boulevard, Fort Wayne, Indiana.
- 11. The Radiation Safety Officer (RSO) for this license is Randall J Phillips, 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 Users	Material and Use
Sanjiv G. Aggarwal, M.D.	10 CFR 35.100 and 35.200
James A. Arata, M.D.	10 CFR 35.100, 35.200, 35.300, 35.500 and 31.11
Andrew V. Barger, M.D. Jonathan Berger, M.D.	10 CFR 35.100, 35.200 and 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33mci) 10 CFR 35.100 and 35.200
John L. Borman, M.D.	10 CFR 35.100, 35.200, 35.300 and 35.500
Daniel Branam, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries)
Nathan A. Cannon, M.D., Ph.D.	10 CFR 35.400
Nathan D. Comsia, M.D.	10 CFR 35.400
Joseph R. Decamp, M.D.	10 CFR 35.100, 35.200, 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries) and 35.500
Brett A. Hagedorn, M.D.	10 CFR 35.100, 35.200, 35.300 and 35.500

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Authorized Users	Material and Use			
Eric V. Heatwole, M.D.	10 CFR 35.100, 35.200, and	35.500		
Joel Heitman, M.D.	10 CFR 35.100 and 35.200			
David B. Janizek, M.D.	10 CFR 35.100, 35.200, 35.3	300, 35. 50 0 and 31.11		
Christopher M. Kowalski, M.D.	10 CFR 35.100, 35.200 and	35.500		
John C. Lucunza, M.D.	10 CFR 35.100 and 35.200			
Rao V.P. Mantravadi, M.D.	10 CFR 35.300 and 35.400	e de la companya de La companya de la co		
Scott E. Mattson, D.O.	10 CFR 35 .100 and 35.200			
Indu Rekha Meesa, M.D.	10 CFR 35.100 , 35.200 and	35.300 (limited to the oral administration of sodium iodide I-131)		
Mark A. Meier, M.D.	10 CFR 35.200			
Michael E. Parker, M.D.	10 CFR 35. 100, 35.200, 35 .:	300 and 35.500		
John Pasalich, M.D.	10 CFR 35.100, 35.200, 35.3	300 and 35.500		
Dakshesh S. Patel, M.D.	10 CFR 35.100, 35.200 and	35.500		
Randall J. Phillips, M.D. Venkata Rama Prasad Nalamolu,	10 CFR 35.100, 35.200, 35.3 system) and 31.11 10 CFR 35.200	300, 35.500, 35.1000 (limited to the yttrium-90 SIR-Spheres deliver		
M.D. Krishnan Ramani, M.D.	10 CFR 35.200			
Mark C. Ranck, M.D.	10 CFR 35.400			
John Rock, M.D.	10 CFR 35.100, 35.200 and	31.11		
Wesley A. Russell, M.D.	10 CFR 35.400			
Vivek Sharma, M.D.	10 CFR 35.100 and 35.200			
Eugene Shih, M.D.	10 CFR 35.100 and 35.200			
Richard W. Sibley, M.D.	10 CFR 35.100, 35.200, 35.3	300 and 35.500		
Rik Stephens, M.D.	10 CFR 35.100, 35.200, 35.			

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Authorized Users	Material and Use				
Andre Byard Stovall, M.D.	Andre Byard Stovall, M.D. 10 CFR 35.100, 35.200, 35.300, 35.500 and 35.1000 (limited to the yttrium-90 SIR-Sph delivery system) Pamela Lee Strange, M.D. 10 CFR 35.100, 35.200, 35.300 and 35.500				
Pamela Lee Strange, M.D.					
Marc Thomas, M.D.	10 CFR 35.100, 35.200, 35.300 and 35,500 10 CFR 35.100, 35.200 and 35.300 (limited to the oral administration of sodium iodide I-131)				
Benjamin A. Tourkow, M.D.					
Edward K. Yi, M.D.	10 CFR 35.100, 35.200 and 35.300 (limited to the oral administration of sodium iodide I-131)				
 The manufacturer's training for Thera TheraSpheres. 	Spheres shall include operation of the deli	very system, safety procedure	s, and clinical use of		
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 and applicable guidance updates for 10 CFR 35.1000 uses. 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 May 12, 2015 (ML15146A271)					

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- B. Letter dated May 12, 2015 (ML15146A271)
- C. Letter dated June 18, 2015 (ML15175A296)
- D. Letter dated February 17, 2017, excluding reference to request for Dr. Ibrahim to use Y-90 SIR-Spheres (ML17201J344)
- E. Letter dated September 3, 2019 (ML19248C703)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Colleen Carol Casey Region 3

Date: October 22, 2019