

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.

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<p style="text-align: center;">Licensee</p> <ol style="list-style-type: none"> Truman Medical Center Department of Radiology 2301 Holmes Street Kansas City, MO 64108 	<p>In accordance with letter dated August 11, 2009,</p> <ol style="list-style-type: none"> License number 24-25816-01 is amended in its entirety to read as follows: Expiration date September 30, 2013 Docket No. 030-30130 Reference No.
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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. As needed (not to exceed 1 curie of iodine-131)
D. Any byproduct material permitted by 10 CFR 31.11	D. Prepackaged Kits	D. As needed

9. Authorized Use:
- Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
 - Any imaging and localization study permitted by 10 CFR 35.200.
 - Any medical use permitted by 10 CFR 35.300.
 - In vitro studies.

CONDITIONS

- Location of Use: Truman Medical Center facilities, 2301 Holmes Street, Kansas City, Missouri. License material may also be stored at 660 East 24th Street, Kansas City, Missouri.
- The Radiation Safety Officer for this license is Lawrence Ricci, D.O.
 - The Assistant Radiation Safety Officer for this license is Gerald E. Finke, D.O.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
24-25816-01

Docket or Reference Number
030-30130

Amendment No. 28

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:

<u>Authorized Users</u>	<u>Material and Use</u>
Annette M. Quick, M.D.	10 CFR 35.200
Gerald E. Finke, D.O.	10 CFR 35.100, 35.200, and 35.300
Lawrence Ricci, D.O.	10 CFR 35.100, 35.200, and 35.300
Mukesh Garg, M.D.	10 CFR 35.200
Charles F. Schwab, D.O.	10 CFR 35.100 and 35.200
John Stephen Dykstra, D.O.	10 CFR 35.100 and 35.200, and 35.300 (limited to sodium iodide-131)
Socrates Jamoulis, M.D.	10 CFR 35.100 and 35.200, and 35.300 (limited to sodium iodide-131)
Lee Steinberg, D.O.	10 CFR 35.100 and 35.200, and 35.300 (limited to sodium iodide-131)
Darcy L. Conaway, M.D.	10 CFR 35.200
Joseph Witham, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to sodium iodide-131)
Chad M. Ruble, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to sodium iodide-131)
Natasha Acosta, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide-131)
Muhammad J. Ashraf, M.D. MPH	10 CFR 35.200

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."

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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 23, 2003; and
- B. Letters dated April 26, 2004, **August 11, 2009** and **November 16, 2009**.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date NOV 18 2009

By 
Toye L. Simmons
Materials Licensing Branch
Region III