

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.

AO 2120

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<p style="text-align: center;">Licensee</p> <p>1. Union Hospital, Inc.</p> <p>2. 1606 North Seventh Street Terre Haute, IN 47804-2780</p>	<p>In accordance with letter dated May 28, 2008,</p> <p>3. License number 13-16457-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date September 30, 2015</p> <hr/> <p>5. Docket No. 030-11072 Reference No.</p>
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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>E. Any byproduct material permitted by CFR 35.500</p> <p>F. Yttrium-90</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Any brachytherapy source 10 CFR 35.400 (Amersham Models CDCS.J1, CDCS.J2, CDCS.J3, CDCS.J4, CDCS.J5, 6711, and 6733; Best Industries Models 81-01 Series (IR192), and 2301; Source Tech Medical Model STM 1251; and Theragenics Corp. Model I-Seed I-125.S06)</p> <p>E. Sealed sources (Siemens Models LS-ACCEL, CS-20-3, CS-20-1, and LS-LA)</p> <p>F. Unsealed liquid radiopharmaceutical sources (IDEC Pharmaceuticals Zevalin)</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. 2 curies</p> <p>E. 60 millicuries</p> <p>F. Not to exceed 110 millicuries total</p>
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
13-16457-01

Docket or Reference Number
030-11072

Amendment No. 52

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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 |
| G. Gadolinium-152 | G. Sealed source | G. 1 millicurie |

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.
- E. **Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).**
- F. To be used for dose calibrator checks, calibration and quality assurance testing.
- G. For storage only.

CONDITIONS

- 10. A. Licensed material shall be used at the licensee's facilities located at 1606 N. Seventh Street, Terre Haute, Indiana.
- 11. A. Radiation Safety Officer: Rasiklal Ganatra, M.D.
B. Authorized Medical Physicist: Gary J. Adler, M.S.
- 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>
Robert Haerr, M.D.	10 CFR 35.300 and 35.400.
Newell Pugh, M.D.	10 CFR 35.300 and 35.400.

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Gerald J. Longa, M.D.	10 CFR 35.100 and 35.200.
M. Bashir Kashlan, M.D.	10 CFR 35.100 and 35.200.
Scott L. Ackley, M.D.	10 CFR 35.300 and 35.400.
Dennis J. Cavanaugh, M.D.	10 CFR 35.100 and 35.200.
Rasiklal Ganatra, M.D.	10 CFR 35.300 (excluding iodine-131 for thyroid carcinoma).
Thomas C. Dugan, M.D.	10 CFR 35.400.
Peter G. Garrett, M.D.	10 CFR 35.400.
Alexander M. Yeh, M.D.	10 CFR 35.400.
Upendra C. Shah, M.D.	10 CFR 35.100 and 35.200.
Betty Jo Mills, M.D.	10 CFR 35.100 and 35.200.

13. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
14. In addition to the possession limits in Condition 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.

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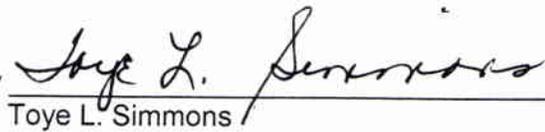
15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are 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 March 23, 2005; and
- B. Letters dated May 13, 2005, July 6, 2005, November 30, 2005, January 16, 2008(except authorization for Dr.Brown as a user), February 5, 2008, **May 8, 2008**;
- C. Facsimiles dated June 11, 2008, June 18, 2008 and **August 8, 2008**.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

AUG 20 2008

By

Toye L. Simmons
Materials Licensing Branch
Region III