

**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.

<p>Licensee</p> <p>1. University Healthcare - Berkeley Medical Center</p> <p>2. 2500 Hospital Drive Martinsburg, West Virginia 25401</p>	<p>In accordance with the application dated May 14, 2015,</p> <p>3. License number 47-15501-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date October 31, 2025</p> <p>5. Docket No. 030-09218 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. Iodine 125 permitted by 10 CFR 35.400</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Sealed Sources (Medi-Physics, Inc. d/b/a GE Healthcare Model 6711; Medi-Physics, Inc. or Amersham Health Model 6733; Amersham/Medi+Physics, Inc. Model 6702; IsoAid, L.L.C. Model IAI-125A; Bard Brachytherapy, Inc. Model STM 1251; Best Medical International, Inc. Model 2301; Core Oncology, Inc. (formerly Mills Biopharmaceuticals, LLC) Model I-125 SL; BEBIG Isotopentechnik und Umweltdiagnostik Model I25.S06; North American Scientific, Inc. Model MED3631)</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. 2.5 curies</p>
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**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
47-15501-01

Docket or Reference Number  
030-09218

Amendment No. 33

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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 |
| D. Any byproduct material permitted by 10 CFR 35.500  | D. Sealed Sources (Isotope Products Laboratories Model PHI-0094) | D. 10 millicuries per source and 40 millicuries total                          |
| E. Any byproduct material permitted by 10 CFR 31.11   | E. Prepackaged Kits  | E. 5 millicuries   |

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 manual brachytherapy procedure permitted by 10 CFR 35.400, for which the patient can be released under the provisions of 10 CFR 35.75.  
 D. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).  
 E. In vitro studies.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 2500 Hospital Drive, Martinsburg, West Virginia.
11. The Radiation Safety Officer for this license is Dimitri Misailidis, 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 Users

Material and Use

John L. Blanco, M.D.

35.100; 35.200; 35.500; In vitro studies

Hoon Jung, M.D.

35.100; 35.200; 35.500; In vitro studies

Dimitri Misailidis, M.D.

35.100; 35.200; 35.500; In vitro studies

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Authorized Users  
Edward Kiggundu, M.D.

Material and Use  
35.400

- 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."
- 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 20, 2015 [ML15230A407]
  - B. Letter dated September 2, 2015 [ML15273A395]

For the U.S. Nuclear Regulatory Commission

Date October 15, 2015

By **Original signed by Janice Nguyen**  
 Janice Nguyen  
 Medical Branch  
 Division of Nuclear Materials Safety  
 Region I  
 King of Prussia, Pennsylvania 19406