

MATERIALS LICENSE

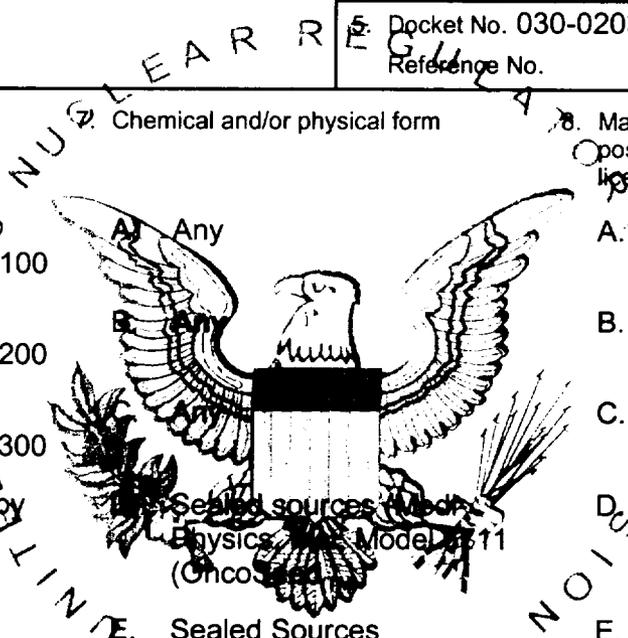
Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, 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:

02230

3.15770

<p>Licensee</p> <p>1. Ingham Regional Medical Center</p> <p>2. 401 Greenlawn Avenue Lansing, MI 48910-2819</p>	<p>In accordance with application dated October 12, 2006,</p> <p>3. License number 21-04073-01 is amended in its entirety as follows:</p> <p>4. Expiration date May 31, 2014</p> <p>5. Docket No. 030-02037 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. Iodine-125 as permitted by 10 CFR 35.400</p> <p>E. Iridium-192</p> <p>F. Depleted uranium</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed sources (Med. Physics Model 11 (Onco...))</p> <p>E. Sealed Sources Models RTS 721 or 24 or MDS Northern, Inc. Model GammaMed 212 source assembly)</p> <p>F. Solid Metal</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. 1 curie</p> <p>E. One source not to exceed 12 curies; 20 curies total possession</p> <p>F. Not to exceed 12 kilograms total possession limit</p>
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<p>9. Authorized Use:</p> <p>A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.</p> <p>B. Any imaging and localization study permitted by 10 CFR 35.200.</p> <p>C. Any diagnostic or therapeutic procedure permitted by 10 CFR 35.300.</p> <p>D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.</p>
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
21-04073-01

Docket or Reference Number
030-02037

Amendment No. 66

- E. Medical use permitted by 10 CFR 35.600 using one source in a GammaMed 12it High Dose Rate Remote Afterloading Brachytherapy Device for Interstitial, intracavitary, and intraluminal therapy treatment in humans. One source in a shipping container for source replacement.
- F. Shielding material for GammaMed 12it High Dose Rate Remote Afterloading Brachytherapy Device.

CONDITIONS

- 10. Licensed material may be used at 401 W. Greenlawn Avenue, Lansing Michigan.
- 11. A. Radiation Safety Officer: Junaki Moni, M.D.
- B. Authorized Medical Physicists for HDR Brachytherapy: Maria Graves Ditman, M.S., Randall TenHaken, Ph.D., James Balten, Ph.D., Peter L. Roberson, Ph.D. and Bryan Tollenaar, M.S. and Ramamurthi Janakiraman, Ph.D.
- 12. Licensed material is only authorized for use by, or under the supervision of:
 - A. Individuals permitted to work as an authorized user or authorized medical physicist in accordance with 10 CFR 35.100 and 35.101.
 - B. Licensed material listed in Item 11 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized Users

Material and Use

Jerrold M. Weiss, M.D.	10 CFR 35.100 and 35.200.
Bing Tai, M.D.	10 CFR 35.100 and 35.200.
Hasmukh I. Patel, M.D.	10 CFR 35.100 and 35.200.
Thomas J. Archambeau, M.D.	10 CFR 35.100 and 35.200.
Gary Leago, M.D.	10 CFR 35.100 and 35.200.
George E. Kleiber, D.O.	10 CFR 35.100 and 35.200.
Donald C. Simon, M.D.	10 CFR 35.100 and 35.200.
Mark W. Cimmerer, M.D.	10 CFR 35.100 and 35.200.
Samir Parikh, M.D.	10 CFR 35.100 and 35.200.
Gregory Mitchinson, M.D.	10 CFR 35.100 and 35.200.
Robert E. Dorfman, M.D.	10 CFR 35.100, 35.200 and 35.300.

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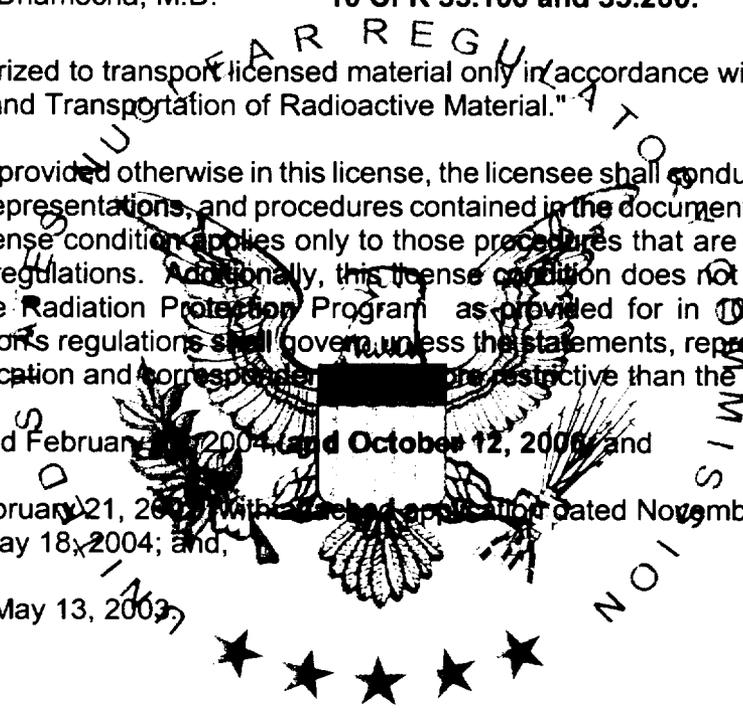
License Number
21-04073-01

Docket or Reference Number
030-02037

Amendment No. 66

- David A. DeBiose, D.O. 10 CFR 35.300, 35.400 and iridium-192 in remote afterloading brachytherapy device.
- Janaki Moni, M.D. 10 CFR 35.300, 35.400 and iridium-192 in remote afterloading brachytherapy device.
- Pauline Woon-Lin Chee, M.D. 10 CFR 35.100 and 35.200.
- Rajesh Dilip Dhamecha, M.D. 10 CFR 35.100 and 35.200.

13. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
14. 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 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. Applications dated February 21, 2004, and October 12, 2006, and
 - B. Letters dated February 21, 2004, (with attached application dated November 14, 2001), April 30, 2004, May 18, 2004; and,
 - C. Facsimile dated May 13, 2003,



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 10 2007

By Colleen Carol Casey
 Colleen Carol Casey
 Materials Licensing Branch
 Region III