

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.

OC 02120

316237

Licensee

In accordance with letters dated **May 8, 2007, and May 31, 2007, and facsimile dated August 1, 2007,**

1. Mercy Memorial Hospital

3. License number 21-18816-01 is amended in its entirety to read as follows:

2. 740 North Macomb Street
Monroe, MI 48161

4. Expiration date **September 30, 2011**

5. Docket No. 030-14210
Reference No.

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

E. Iodine-125 permitted by 10CFR 35.400

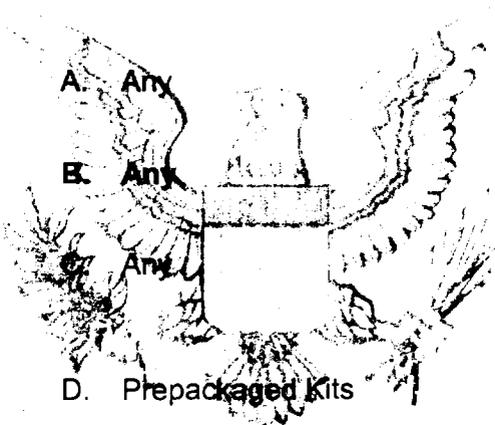
E. Sealed sources (MediPhysics Mos. 6711, 6733, and BEBIG Mo. 125.S06 and North American Scientific Mo. 3631)

E. As needed

F. Palladium-103 permitted by 10CFR 35.400

F. Sealed sources (Theragenics Mo. 200 and North American Scientific MED 3633)

F. As needed



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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
21-18816-01

Docket or Reference Number
030-14210

Amendment No. 14

- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
- D. In vitro studies.
- E. and F. Any manual brachytherapy procedure permitted by 10 CFR 35.400.

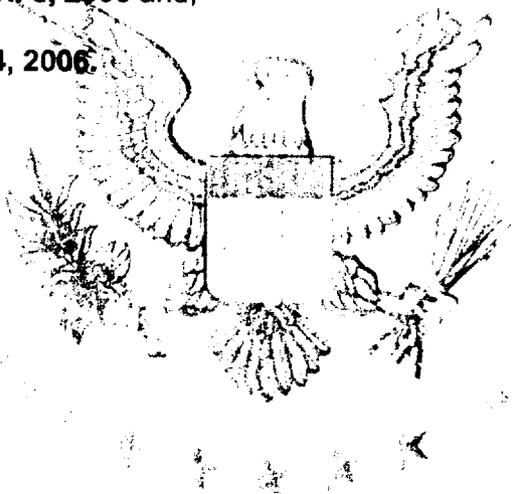
CONDITIONS

10. Licensed material listed in Subitems 6.A. through 6.F. may be used at the licensee's facilities located at 718 North Macomb Street, Monroe, Michigan and licensed material listed in Subitems 6.A through 6.D. may be used at the licensee's facilities located at 730 North Macomb Street, Monroe, Michigan.
11. A. The Radiation Safety Officer for this license is **Michael Arsenault, D.O.**
- B. The Radiation Safety Officer for Brachytherapy is **Ronald C. Lutsic, D.O.**
12. Licensed material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user and/or authorized medical physicist in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for medical use as indicated:
- | <u>Authorized User</u> | <u>Material and Use</u> |
|--------------------------------|---|
| Michael Arsenault, D.O. | 10 CFR 35.100 and 35.200. |
| Bruno Borin, D.O. | 10 CFR 35.100, 35.200 and 35.300. |
| Reza Abghari, M.D. | 10 CFR 35.100 and 35.200. |
| Ronald C. Lutsic, D.O. | 10 CFR 35.400, limited to iodine-125 or palladium-103. |
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."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
21-18816-01Docket or Reference Number
030-14210

Amendment No. 14

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 28, 2001; and,
 - B. Letter received April 3, 2001 (excluding Quality Management Program (QMP)), and;
 - C. Letters dated June 4, 2003, facsimile transmitting letters dated August 19, 2003 and August 28, 2003, and **April 5, 2006** and;
 - D. **Facsimile dated June 14, 2006.**



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date AUG 09 2007 By Colleen Carol Casey
Colleen Carol Casey
Materials Licensing Branch
Region III