

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.

Licensee

1. Franciscan St. Anthony Health-Crown Point
2. 1201 South Main Street  
Crown Point, IN 46307

In accordance with application dated  
**October 26, 2010,**

3. License number 13-15933-01 is renewed in its entirety to read as follows:

4. Expiration date April 30, 2022

5. Docket No. 030-10047  
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 35.400	D. Sealed sources (Radiation Therapy Resources, Inc. Model Nos. 1862, 1864, and 1866; Bard Brachytherapy Model No. STM1251; Best Medical International, Inc. Model No. 81-01; or Amersham International Model No. SIA.20)	D. Not to exceed 1200 millicuries of cesium-137; 300 millicuries of iodine-125; 500 millicuries of iridium-192; and 100 millicuries of strontium-90. Total activity not to exceed 2100 millicuries.
E. Gadolinium-153	E. Sealed rod source	E. 1 source not to exceed 1 millicurie
F. Any byproduct material permitted by 31.11	F. Prepackaged kits	F. 2 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.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
13-15933-01

Docket or Reference Number  
030-10047

Amendment No. 28

- 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. For storage only incident to disposal.
- F. In vitro studies.

CONDITIONS

- 10. Licensed material may be used only at the licensee's facilities located at St. Anthony Medical Center, Inc., 1201 South Main Street, Crown Point, Indiana.
- 11. Radiation Safety Officer: Ram A. Basavatia, 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, authorized nuclear pharmacist, 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:

Authorized Users

Material and Use

H. S. Kim, M.D.	10 CFR 35.100, 35.200, and 31.11
Abdul W. Khan, M.D.	10 CFR 35.400
Mir J. Shah, M.D.	10 CFR 35.400
Geetha Narasimhan, M.D.	10 CFR 35.300 and 35.400
Mohammed A. Abbas, M.D.	10 CFR 35.100, 35.200, and 31.11
A. Melinda Liller, M.D.	10 CFR 35.100, 35.200, 35.300, and 31.11
Trent G. Orfanos, M.D.	10 CFR 35.100 and 35.200
Boris Sagalovsky, M.D.	10 CFR 35.100 and 35.200.
David P. Megremis, D.O.	10 CFR 35.100, 35.200 and 35.300

- 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.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
13-15933-01

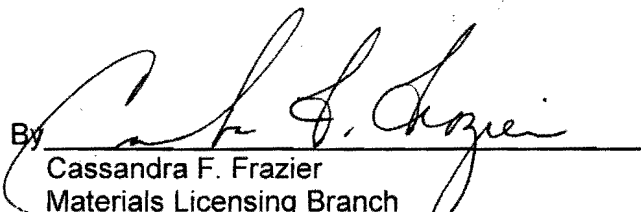
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14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
15. Notwithstanding the requirements of 10 CFR 30.32(g), 35.49, and 35.400, the licensee may use Radiation Therapy Resources, Inc., Model Nos. 1862, 1864, and 1866 manual brachytherapy sources for medical uses authorized under the provisions of 10 CFR 35.400.
16. 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. Applications dated October 26, 2010 and March 9, 2011.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date APR 27 2012

By   
Cassandra F. Frazier  
Materials Licensing Branch  
Region III