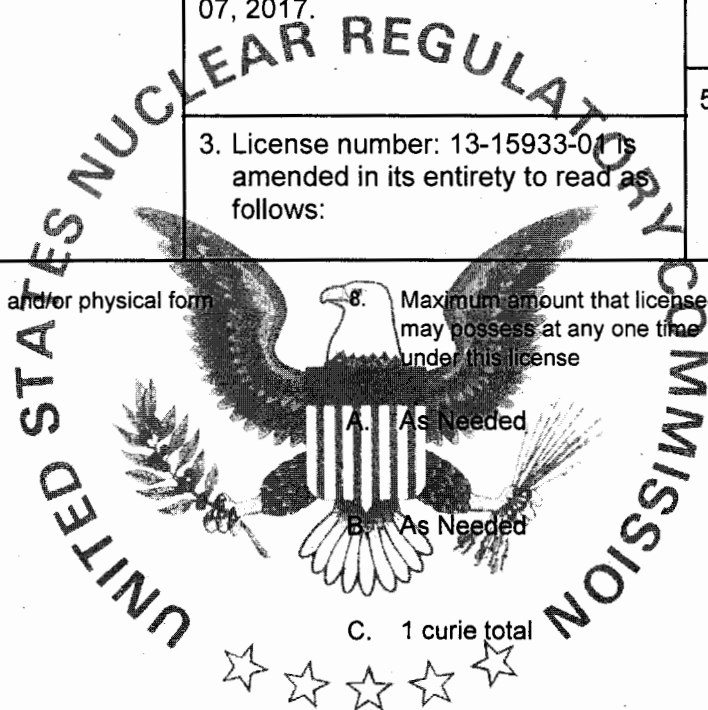


MATERIALS LICENSE

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, 37, 39, 40, 70 and 71, 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. Franciscan Alliance, Inc. d/b/a Franciscan Health Crown Point</p> <p>2. 1201 South Main Street Crown Point, IN 46307</p>		<p>In accordance with letter dated July 07, 2017.</p> <p>3. License number: 13-15933-01 is amended in its entirety to read as follows:</p>	<p>4. Expiration Date: April 30, 2022</p> <p>5. Docket No.: 030-10047 Reference No.:</p>
<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. Cesium-137 permitted by 10 CFR 35.400</p> <p>E. 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. Any</p> <p>D. Sealed Sources (Radiation Therapy Resources, Inc., Model 1862; 1864; 1866)</p> <p>E. Sealed Sources (Bard Brachytherapy, Model STM1251)</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. 1 curie total</p> <p>D. 1200 millicuries total</p> <p>E. 300 millicuries total</p>	<p>9. Authorized use</p> <p>A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.</p> <p>B. For use in imaging and localization studies permitted by 10 CFR 35.200.</p> <p>C. For any use permitted by 10 CFR 35.300.</p> <p>D. For use in any manual brachytherapy procedure permitted by 10 CFR 35.400.</p> <p>E. For use in any manual brachytherapy procedure permitted by 10 CFR 35.400.</p>



**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
13-15933-01

Docket or Reference Number
030-10047

Amendment No. 33
(Corrected Copy)

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	9. Authorized use
F. Iridium-192 permitted by 10 CFR 35.400	F. Sealed Sources (Best Medical International, Inc., Model 81-01)	F. 500 millicuries total	F. For use in any manual brachytherapy procedure permitted by 10 CFR 35.400.
G. Strontium-90 permitted by 10 CFR 35.400	G. Sealed Sources (Amersham International, Model SIA.20)	G. 100 millicuries total	G. For use in any manual brachytherapy procedure permitted by 10 CFR 35.400.
H. Gadolinium-153	H. Source rod or rod source	H. 1 millicurie per source and 1 millicurie total	H. For storage only, incident to disposal.
I. Any byproduct material permitted by 10 CFR 31.11	I. Prepackaged Kits	I. 2 millicuries total	I. For use in in-vitro studies.

CONDITIONS

- 10. Licensed material may be used only at the licensee's facilities located at 1201 South Main Street, Crown Point, Indiana.
- 11. The Radiation Safety Officer (RSO) for this license is Frank T. Godlewski, M.S.
- 12. Licensed material shall only be used by, or under the supervision of:
 - A. Individuals permitted to work as authorized users in accordance with 10 CFR 35.13 and 10 CFR 35.14.

B. The following individuals are authorized users for the material and medical uses as indicated:

<u>Authorized User(M.D.,D.O.,etc.)</u>	<u>Material and Use</u>
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

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
13-15933-01

Docket or Reference Number
030-10047

Amendment No. 33
(Corrected Copy)

Authorized User(M.D.,D.O.,etc.)

Material and Use

Geetha Narasimhan, M.D.	10 CFR 35.300 and 35.400
Mohammed A. Abbas, M.D.	10 CFR 35.100, 35.200 and 35.11
A. Melinda Liller, M.D.	10 CFR 35.100, 35.200, 35.300 and 35.11
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
Perry M. Gilbert, M.D.	10 CFR 35.100, 35.200 and 35.300
Gregory Henkle, M.D.	10 CFR 35.100, 35.200 and 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries)
Joseph E. Judge, M.D.	10 CFR 35.100 and 35.200
Michael A. Wilczynski, D.O.	10 CFR 35.100 and 35.200
Jong-Il Marcus Lee, M.D.	10 CFR 35.100, 35.200 and 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries)
Peter John Georgis, M.D.	10 CFR 35.100, 35.200 and 35.300
Saud S. Ahmed, M.D.	10 CFR 35.100, 35.200 and 35.300 (limited to the oral administration of sodium iodide I-131)
Matthew J. Rose, M.D.	10 CFR 35.100, 35.200 and 35.300 (limited to the oral administration of sodium iodide I-131)
Richard Dobben, M.D.	10 CFR 35.100, 35.200 and 35.300 (limited to the oral administration of sodium iodide I-131)
Steven R. Klepac, M.D.	10 CFR 35.100 and 35.200
Garry Malnar, D.O.	10 CFR 35.100, 35.200 and 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries)
Virag Dandekar, M.D.	10 CFR 35.400

13. 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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
13-15933-01Docket or Reference Number
030-10047Amendment No. 33
(Corrected Copy)

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 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 October 26, 2010 (ML103010499)
- B. Application dated March 9, 2011 (ML1137A020)
- C. Letter dated January 26, 2012 (ML120810307)
- D. Letter dated March 13, 2012 (ML12095A194)
- E. Letter dated April 2, 2012 (ML12101A196)
- F. Letter dated July 7, 2017 (ML17191A422)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

By: Colleen Carol CaseyColleen Carol Casey
Region 3Date: October 11, 2017