

**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 style="text-align: center;">Licensee</p> <p>1. Alliance HealthCare Services, Inc.</p> <p>2. 330 Harper Park Drive Suite C Beckley, West Virginia 25801</p>	<p>In accordance with the letter dated October 13, 2015,</p> <p>3. License number 47-25570-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date September 30, 2021</p> <hr/> <p>5. Docket No. 03035774 Reference No.</p>
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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 |
| A. Any byproduct material permitted by 10 CFR 35.200  | A. Any                           | A. As needed   |

9. Authorized use:
- A. Any imaging and localization study permitted by 10 CFR 35.200.

**CONDITIONS**

10. Licensed material may be stored incident to mobile nuclear medicine activities at the licensee's facilities located at 525 S. Gould Street, Owasso, Michigan, and may be used or stored at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

11. 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.

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B. The following individuals are authorized users for medical use as indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Vincent P. Almario, Jr., M.D.	35.200
Daniel R. Alzheimer, M.D.	35.200
Afzal Ahmed, M.D.	35.200
Marsha Anderson, M.D.	35.200
Ross W. Barnett, M.D.	35.200
Steven Barnett, M.D.	35.200
Stephen J. Bartok, M.D.	35.200
Arun Basu, M.D.	35.200
Mark Bechtel, M.D.	35.200
Marc R. Beck, M.D.	35.200
Robert C. Berlin, M.D.	35.200
Martin Black, M.D.	35.200
Richard R. Black, D.O.	35.200
Rodger Blake, M.D.	35.200
Louis Blas, M.D.	35.200
Daniel Boll, M.D.	35.200
Salvador Borges-Neto, M.D.	35.200
Robert L. Bridges, M.D.	35.200
Donald Bruns, M.D.	35.200
Timothy Burke, M.D.	35.200
Enrico Cappiello, M.D.	35.200
Barbara Carr, M.D.	35.200
Craig Chambers, M.D.	35.200
Tapan K. Chaudhuri, M.D.	35.200
Bennett Bing Chin, M.D.	35.200
Peter Chirico, M.D.	35.200
Neal Clinger, M.D.	35.200
James Alan Cochrane, M.D.	35.200
Steven M. Cohen, M.D.	35.200
Ricky Jack Compton, M.D.	35.200
Michael T. Czuba, M.D.	35.200
Corinne Daurdulian, M.D.	35.200
Paul Stuart Davis, M.D.	35.200
Edward Dentsman, M.D.	35.200
Nathaniel D. Dueker, M.D.	35.200
Mary C. Dynes, M.D.	35.200
Ronald T. Egan, M.D.	35.200
Wilhelmina Estrada, M.D.	35.200
Dennis D. Ferguson, M.D.	35.200

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<u>Authorized Users</u>	<u>Material and Use</u>
Ronald Fritz, D.O.	35.200
Milton Gross, M.D.	35.200
John C. Hackethorn, M.D.	35.200
Christopher Sean Haling, M.D.	35.200
Richard Hallett, M.D.	35.200
Michael W. Hanson, M.D.	35.200
William Harley, M.D.	35.200
James T. Harris, M.D.	35.200
Robert Hasson, M.D.	35.200
Gary W. Heath, M.D.	35.200
Harvey L. Hecht, M.D.	35.200
Keith Hewel, M.D.	35.200
Michael Hostetler, M.D.	35.200
James G. Hubbard, M.D.	35.200
Prasanta K. Karak, M.D.	35.200
Richard Karsh, M.D.	35.200
Jeffrey R. Kessler, M.D.	35.200
Philip Kohanski, M.D.	35.200
Keith Y. Kohatsu, M.D.	35.200
Jayaprakasarao Konijeti, M.D.	35.200
Gary W. Kravetz, M.D.	35.200
Jose A. Lauderman, M.D.	35.200
Christopher J. Leary, M.D.	35.200
Jeffrey D. Lovin, M.D.	35.200
Greg B. Marrinan, M.D.	35.200
William Mason, M.D.	35.200
John Mathis, M.D.	35.200
Howard N. Mazurkiewicz, M.D.	35.200
John McArthur, M.D.	35.200
Richard McWhorter, M.D.	35.200
Robert Mehl, M.D.	35.200
Khalid A. Mian, M.D.	35.200
Arne E. Michalson, M.D.	35.200
Linda S. Michalson, M.D.	35.200
Thomas E. Miller, M.D.	35.200
David E. Moody, M.D.	35.200
Mohammad Naseem, M.D.	35.200
Eric Netland, M.D.	35.200
Michael T. Oberhofer, M.D.	35.200
Dana Olson, M.D.	35.200
Bharat Patel, M.D.	35.200
James Patrizi, M.D.	35.200

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Orin Perkins, M.D.	35.200
Mark Peterson, M.D.	35.200
Grant Petty, M.D.	35.200
Christopher Reisenauer, M.D.	35.200
Michael E. Richards, M.D.	35.200
George Ro, M.D.	35.200
Sheldon Robbins, M.D.	35.200
Roy Romey, M.D.	35.200
Colin Rose, M.D.	35.200
Heather Rose, M.D.	35.200
Leslie A. Russell, M.D.	35.200
Leslie E. Russell, M.D.	35.200
Robert M. Salman, M.D.	35.200
Paul Sanchirico, M.D.	35.200
Gary L. Schumacher, M.D.	35.200
Kevin Serey, M.D.	35.200
Rashmikant B. Shah, M.D.	35.200
Suzanne L. Shaw, M.D.	35.200
William Sheils, M.D.	35.200
Rathnakara M. Sherigar, M.D.	35.200
Sara Shull, M.D.	35.200
William Skiles, M.D.	35.200
Robert Smith, M.D.	35.200
Lucille Soldano, M.D.	35.200
John Sorrentino, M.D.	35.200
Robert Stears, M.D.	35.200
Jeffrey Stephenson, M.D.	35.200
James Tatum, M.D.	35.200
Parke Thrush, M.D.	35.200
Jean-Luc Urbain, M.D.	35.200
Rajendra Prasad Valiveti, M.D.	35.200
Frederich Vanbasteaer, M.D.	35.200
Michael Waldman, M.D.	35.200
Alan Wales, M.D.	35.200
James Keith Watson, M.D.	35.200
John Weaver, M.D.	35.200
Steven M. Wetzner, M.D.	35.200
Michael Whisenant, M.D.	35.200
Jason M. White, M.D.	35.200
Tyler L. Will, M.D.	35.200
Michael Williams, M.D.	35.200
Allan Wray, M.D.	35.200

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<u>Authorized Users</u>	<u>Material and Use</u>
Dennis O. Wright, M.D.	35.200
Terrence Z. Wong, M.D.	35.200
Jae-Hwi Yoo, M.D.	35.200
Ahmed Zaza, M.D.	35.200
Vishnu Bobba, M.D.	35.200
Mark S. Bernard, M.D.	35.200

12. The Radiation Safety Officer for this license is Kay Kassel, M.S., C.N.M.T.
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.
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| A. Application dated April 5, 2011                                   | [ML110970462] |
| B. Letter dated August 31, 2011                                      | [ML112440261] |
| C. Document received on September 12, 2011 (delegation of authority) | [ML112620433] |
| D. Letter dated June 19, 2015  | [ML15195A190] |
| E. Letter dated October 13, 2015                                     | [ML15292A554] |
| F. Letter dated January 4, 2016                                      |               |
| G. Letter dated January 12, 2016                                     |               |

For the U.S. Nuclear Regulatory Commission

**Original signed by Janice Nguyen**

Date January 14, 2016

By \_\_\_\_\_

Janice Nguyen  
Medical Branch  
Division of Nuclear Materials Safety  
Region I