

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.

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| <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 letters dated October 29, 2014 and December 9, 2014, 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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| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.200</p> | <p>7. Chemical and/or physical form</p> <p>A. Any</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> |
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| <p>9. Authorized use:</p> <p>A. Any imaging and localization study permitted by 10 CFR 35.200.</p> |
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CONDITIONS

10. Licensed material may be used or stored incident to mobile nuclear medicine activities 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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
47-25570-01

Docket or Reference Number
03035774

Amendment No. 12

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 |
| Ronald Fritz, D.O. | 35.200 |

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| <u>Authorized Users</u> | <u>Material and Use</u> |
|-------------------------------|-------------------------|
| 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. Lauderaman, 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 |
| Orin Perkins, M.D. | 35.200 |

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| <u>Authorized Users</u> | <u>Material and Use</u> |
|--------------------------------|-------------------------|
| 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 |
| Dennis O. Wright, M.D. | 35.200 |

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Authorized Users

Terrence Z. Wong, M.D.
Jae-Hwi Yoo, M.D.
Ahmed Zaza, M.D.

Material and Use

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35.200
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.
- 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]

For the U.S. Nuclear Regulatory Commission

Date January 14, 2015

By

Original signed by Tara L. Weidner

Tara L. Weidner
Medical Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406