NRC FORM 374 PAGE 1 OF 11 PAGES U.S. NUCLEAR REGULATORY COMMISSION Amendment No. 37 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. Licensee In accordance with letter dated 4. Expiration Date: November 30, 2036 November 09, 2022, 1. Alliance HealthCare Services, Inc. CAK KEG 5. Docket No.: 030-35774 2. 18201 Von Karman Ave. 3. License No.: 47-25570-01 is Reference No.: amended in its entirety to read as Ste. 600 Irvine, CA 92612 follows: 6. Byproduct, source, 7. Chemical and/or physical form Maximum amount that licensee 9. Authorized use 8. and/or special nuclear may possess at any one time under this license material A. Any byproduct material A. As Needed A. For use in imaging and localization A. Anv permitted by 10 CFR studies permitted by 10 CFR 35.200. 35.200 200 millicuries tota B. Any Except Sealed Sources B. B. For decay in storage only in B. Strontium-82 accordance with 10 CFR 35.92. C. Any Except Sealed Sources C. 1 curie total C. Strontium-85 C. For decay in storage only in accordance with 10 CFR 35.92. 50 millicuries total D. Germanium-68 D. Sealed Sources D. For storage only, limited to one year, incident to transfer in accordance with 10 CFR 30.41.

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			-	I	
			CONDITIONS	i	
10.	A.	Licensed material listed in Subitem of the licensee anywhere in the Unit use of licensed material, including a	ed States where the U.S. Nuclear R	egulatory Commission maintains ju	
		If the jurisdiction status of a Federal controlling the job site in question to for use of radioactive materials at jo appropriate state regulatory agency	determine whether the proposed jo b sites in Agreement States not und	b site is an area of exclusive Fede	ral jurisdiction. Authorization
				0	
	Β.	Licensed material listed in Subitem activities, shall be stored at the licer with 10 CFR 35.92.			
	C.	Licensed material listed in Subitem medicine vans, shall be stored at the transfer to an authorized recipient in	e licensee's facilities located at 525		
11.	Th	e Radiation Safety Officer for this lice	nse is Kay Kassel, M. <mark>S</mark> ., C.N.M.T.		
12.	Lic	ensed material shall only be used by	, or under the supervision of:		
	A.	Individuals permitted to work as aut	horized users in accordance with 10	CFR 35.13 and 10 CFR 35.14.	
	В.	The following individuals are author	zed users for the material and medi	cal uses as indicated:	
		Authorized User (M.D.,D.O.,etc.)	Material and Use		
		David Abramowitz, M.D.	10 CFR 35.200		

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10 CFR 35.200		
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Authorized User (M.D.,D.O.,etc.)	Material and Use		
Jeffery S. Cahoon, M.D.	10 CFR 35.200		
James Paul Carl, M.D.	10 CFR 35.200 R REG	11,	
Raj Rocky Chinnappan, M.D.	10 CFR 35.200		
Peter Chirico, M.D.	10 CFR 35.200	ULAZ	
Corey W. Chopra, M.D.	10 CFR 35.200	P	
Jesse A. Cole, M.D.	10 CFR 35.200	1	
Ricky J. Compton, M.D.	44 10 CFR 35.200		
John Phillip Cox, D.O.	10 CFR 35.200	i i i i i i i i i i i i i i i i i i i	
Robert J. Cure, M.D.	10 CFR 35.200		
Anthony R. D'Amico, M.D.	10 CFR 35.200	see alit S	
Ryan Daily, M.D.	10 CFR 35.200		
Kyle L. Dale, M.D.	> 10 CFR 35.200	6	
Daniel J. Daunhauer, M.D.	10 CFR 35.200	S S	
Sarsfield Patrick Dougherty, M.D.	10 CFR 35.200		
Hans G. Dransfeld, M.D.	10 CFR 35.200	4	
Joseph W. Dransfeld, M.D.	10 CFR 35.200		
Nathaniel D. Dueker, M.D.	10 CFR 35.200 🔭 🔭 💢		
Douglas M. Dunco, M.D.	10 CFR 35.200		
Rodney A. Dunseath, D.O.	10 CFR 35.200		
George M. Dwyer, M.D.	10 CFR 35.200		
Paul H. Eikens, M.D.	10 CFR 35.200		
Mark W. Elliott, M.D.	10 CFR 35.200		
Susannah G. Ellsworth, M.D	10 CFR 35.200		
Hilary Ann Evans, M.D.	10 CFR 35.200		

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Authorized User (M.D.,D.O.,etc.) Thomas H. Farquhar, M.D., Ph.D. Angelo Steven Ferraro, M.D. Luke Gerges, D.O. Joshua Dale Gibson, M.D. Kendall Goldschmidt, M.D. Allison A. Griffiths, M.D. Lee Corey Haikal, M.D. Lee Corey Haikal, M.D. Nathan R. Hatfield, M.D. David Damion Hazlett, Jr., M.D. Gregory Alan Henkle, M.D. Jeffrey A. Hicklin, M.D. Robert Hills, D.O. Leszek J. Jaszczak, M.D. Ronald D. Jenkins, M.D. John Kalabat, M.D. Craig S. Kamen, M.D. Prasanta K. Karak, M.D. Kevin Matthew Kavanaugh, M.D. Jeffrey Kaye, M.D. Imran Kazem, M.D. Stephen Joowhan Kim, M.D. Philip Kohanski, M.D. Kenneth L. Koontz, M.D. Michael V. Korona, Jr., M.D.	Material and Use 10 CFR 35.200 10	ULA NOR COM	

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Authorized User (M.D.,D.O.,etc.)Gary W. Kravetz, M.D.Adam Thomas Krompecher, M.D.Herbert S. Lambert, M.D.Francisco J. Lammoglia, M.D.Christopher J. Leary, M.D.Terry S. Lee, M.D.Eric L. Leonard, M.D.Donald Lewis, M.D.Edward J. Maas, M.D.Colleen M. Madden, M.D.Mrinal Mali, M.D.Michael J. Malnofski, M.D.A. Jane MaLoof, M.D.Jack D. Markiewicz, M.D.Phyllis Martin-Simmerman, M.D.William Mason, M.D.Matthew E. Maxwell, M.D.Marco S. Mazzella, M.D.Elvin McCarl, M.D.Richard D. Miller, M.D.Steve Min, D.O.Virginia Molleran, M.D.Craig Moore, M.D.Joshua A. Nepute, M.D.	Material and Use	BULA ON COM	

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Authorized User (M.D.,D.O.,etc.)Josef R.S. Noga, M.D.Kevin O'Brien, M.D.Patrick M. O'Toole, M.D.Ademola Michael Obajuluwa, M.DDana Olson, M.D.Robert Oostveen, M.D.Samir Parikh, M.D.Bharat Patel, M.D.Grant D. Petty, M.D.Randall J. Phillips, M.D.Krishna R. Pillai, M.D.Syam P. Reddy, M.D.James Milton Reynolds, M.D.Reuben Rock, M.D.Daniel Adam Rodgers, M.D.Colin Rose, M.D.Heather Rose, M.D.Aldo Ruffolo, M.D.Paul Sanchirico, M.D.Mark Shaman, M.D.Paul W. Sheets, M.D.Steven K. Shekut, M.D.Charles W. Siegler, M.D.	Material and Use 10 CFR 35.200 10	ULA ON COM NOISSING	

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Authorized User (M.D.,D.O.,etc.)	Material and Use		
Justin Sims, M.D.	10 CFR 35.200		
Stacy L. Spooner, M.D.	10 CFR 35.200 R REG	ULAZ	
Gregory R. Spurling, M.D.	10 CFR 35.200		
Michael A. Stewart, M.D.	10 CFR 35.200	· · · ·	
LeAnn Stidham, M.D.	10 CFR 35.200	10	
Nathan M. Strabala, M.D.	10 CFR 35.200	1	
Edward Strauss, M.D.	44 10 CFR 35.200		
Victoria A. Swegles, D.O.	10 CFR 35.200	i i i i i i i i i i i i i i i i i i i	
Sanjay J. Talati, M.D.	10 CFR 35.200		
Shrey K. Thawait, M.D.	10 CFR 35.200	State 2	
Smari Thordarson, M.D.	10 CFR 35.200		
Walter Parke Thrush, M.D.	10 CFR 35.200	is is	
Paul E. Timperman, M.D.	10 CFR 35.200	S S	
Gregory T. Turner, M.D.	10 CFR 35.200		
Torin P. Walters, M.D.	10 CFR 35.200	4	
James K. Watson, M.D.	10 CFR 35.200	× ·	
Ronald R. Weis, M.D.	10 CFR 35.200	V	
Jonathan W. Weiss, M.D.	10 CFR 35.200		
Michael Whisenant, M.D.	10 CFR 35.200		
Thomas T. Win, M.D.	10 CFR 35.200		
Milton R. Wolf, M.D.	10 CFR 35.200		
Ehab H. Youssef, M.D.	10 CFR 35.200		
John S. Yungmeyer, M.D.	10 CFR 35.200		
Roy W. "Chip" Zimmer, III, M.D.	10 CFR 35.200		

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C. The following individuals are authoriz	zed users for nonmedical uses as indicat	ed:		
Non-Medical Use	Material and Use REGU			
Kay Kassel, M.S., C.N.M.T.	Strontium-82/85 for decay-in-storage	; Germanium-68 sealed sources for	storage only	
Commission, to account for all sealed so maintained for 3 years from the date of e	3. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 3 years from the date of each inventory, and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.			
14. Sealed sources containing licensed mate	4. Sealed sources containing licensed material shall not be opened by the licensee, except as specifically authorized.			
		stilele IN		
	akage and/or contamination at intervals ear Regulatory Commission under 10 CF es shall be tested for leakage and/or con	R 32.210 or by an Agreement State.	In the absence of a	
of registration issued by the U.S. Nu	transferor indicating that a leak test has clear Regulatory Commission under 10 (om another person shall not be put into u	CFR 32.210 or by an Agreement State	e, prior to the	
C. Sealed sources need not be tested it is 30 days or less; or they contain no microcuries of alpha-emitting materia	t more than 100 microcuries of beta- and		-	
•	f they are in storage and are not being us , and have not been tested within the rec stored for a period of more than 10 years	uired leak test interval, they shall be	tested before use or	

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- E. The leak test shall be capable of detecting the presence of 185 becquerels (0.005 microcuries) of radioactive material on the test sample. If the test reveals the presence of 185 becquerels (0.005 microcuries) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
- F. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the licensee or other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
- G. Records of leak test results shall be kept in units of becquerels (microcuries) and shall be maintained for 3 years.



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- 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 statements, representations, and 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 impose on the licensee requirements that are more restrictive than or in addition to the regulations.
 - A. Letter, Application, and Delegation of Authority dated June 3, 2021, excluding Radiation Safety Program policies and procedures (ML21172A247)

FIND AND NO

- B. Letter dated July 6, 2021 (ML21197A087)
- C. Letter dated October 18, 2021 (ML21299A298)
- D. Letter dated November 11, 2022 (ML22318A143)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: November 17, 2022

By:

Magdalena R. Gryglak Region 3