

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. Shared Medical Services</p> <p>2. 209 Limestone Pass Cottage Grove, WI 53527</p>	<p>In accordance with letters dated August 18, 2021, and August 24, 2021,</p> <p>3. License No.: 48-32697-01 is amended in its entirety to read as follows:</p>	<p>4. Expiration Date: April 30, 2034</p> <p>5. Docket No.: 030-37826 Reference No.:</p>
<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> <p>9. Authorized use</p> <p>A. For use in imaging and localization studies permitted by 10 CFR 35.200.</p>

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Amendment No. 45

Docket or Reference No.:
030-37826**CONDITIONS**

10. Licensed material may be used only 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 should be obtained from the appropriate state regulatory agency.
11. A. The Radiation Safety Officer (RSO) for this license is Mike Zimmer, Ph.D.
- B. The Associate Radiation Safety Officer (ARSO) for this license is Paul Flaten.
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:

Authorized User (M.D.,D.O.,etc.)Material and Use

Jan Aaron, M.D.

10 CFR 35.200

Suresh Kumar Agrawai, M.D.

10 CFR 35.200

Munir Ahmad, M.D.

10 CFR 35.200

Vincent P. Almario, Jr., M.D.

10 CFR 35.200

Rajaa M. Almestady, M.D.

10 CFR 35.200

Jose F. Alvarez, M.D.

10 CFR 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Docket or Reference No.:
030-37826

Amendment No. 45

Authorized User (M.D., D.O., etc.)Material and Use

Jayant Amberker, M.D.

10 CFR 35.200

Peter D. Arfken, M.D.

10 CFR 35.200

Jason A. Arthur, M.D.

10 CFR 35.200

David Ayoub, M.D.

10 CFR 35.200

Scott Brian Babin, M.D.

10 CFR 35.200

Rebecca Miller Baggett, M.D.

10 CFR 35.200

Conrad Balcer, D.O.

10 CFR 35.200

Eric E. Beltz, M.D.

10 CFR 35.200

James R. Bergh, M.D.

10 CFR 35.200

Jonathan R. Bielefeld, M.D.

10 CFR 35.200

Richard R. Black, D.O.

10 CFR 35.200

Timothy Blackburn, M.D.

10 CFR 35.200

Ravi K. Bodiwaia, M.D.

10 CFR 35.200

James R. Bognanno, M.D.

10 CFR 35.200

Tamara Jean Boore, M.D.

10 CFR 35.200

John L. Bormann, M.D.

10 CFR 35.200

Daniel G. Branam, M.D.

10 CFR 35.200

Jack Bridges, M.D.

10 CFR 35.200

Michael Brophey, M.D.

10 CFR 35.200

David Perry Brummett, M.D.

10 CFR 35.200

Daniel Bucklan, M.D.

10 CFR 35.200

Lucas K. Buckley, M.D.

10 CFR 35.200

David J. Burkart, M.D.

10 CFR 35.200

Enrique Bursztyn, M.D.

10 CFR 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Docket or Reference No.:
030-37826

Amendment No. 45

Authorized User (M.D., D.O., etc.)Material and Use

Joseph C. Capito, M.D.

10 CFR 35.200

Joseph Caresio, M.D.

10 CFR 35.200

Lynn N. Carlton, M.D.

10 CFR 35.200

Rosinda Castanon, M.D.

10 CFR 35.200

B. Chandramouli, M.D.

10 CFR 35.200

Justin P. Chang, M.D.

10 CFR 35.200

Corey W. Chopra, M.D.

10 CFR 35.200

Glenn Coats, M.D.

10 CFR 35.200

Daniel T. Cohen, M.D.

10 CFR 35.200

Kelly J. Colomb, M.D.

10 CFR 35.200

James P. Connors, III, M.D.

10 CFR 35.200

James P. Connors, M.D.

10 CFR 35.200

April L. Cox, D.O.

10 CFR 35.200

Ira Cox, M.D.

10 CFR 35.200

Mary Joelle Curry, M.D.

10 CFR 35.200

George Cyriac, M.D.

10 CFR 35.200

Daniel J. Daunhauer, M.D.

10 CFR 35.200

Victor Davila-Roman, M.D.

10 CFR 35.200

Timothy L. Davis, M.D.

10 CFR 35.200

Christopher J. Day, M.D.

10 CFR 35.200

Farrokh Dehdashti, M.D.

10 CFR 35.200

Gabrial DeSimon, M.D.

10 CFR 35.200

Noel G. Dias, M.D.

10 CFR 35.200

Richard Dobben, M.D.

10 CFR 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Docket or Reference No.:
030-37826

Amendment No. 45

Authorized User (M.D., D.O., etc.)Material and Use

Laura Dugan, M.D.

10 CFR 35.200

Anthony Duncan, M.D.

10 CFR 35.200

Edward F. Elliott, Jr., M.D.

10 CFR 35.200

Edwin C. Ernest, III, M.D.

10 CFR 35.200

James Farkas, M.D.

10 CFR 35.200

Irfan Farukhi, M.D.

10 CFR 35.200

Randy W. Fields, M.D.

10 CFR 35.200

Vincent L. Flanders, M.D.

10 CFR 35.200

Michael J. Flood, M.D.

10 CFR 35.200

Sean M. Flynn, M.D.

10 CFR 35.200

Robert J. Forbes, M.D.

10 CFR 35.200

William R. Fortner, M.D.

10 CFR 35.200

Kimberly H. Foust, M.D.

10 CFR 35.200

Tyler Fraum, M.D.

10 CFR 35.200

Saul Friedman, M.D., Ph.D

10 CFR 35.200

Annabel Galva, M.D.

10 CFR 35.200

Paul E. Gandy, M.D.

10 CFR 35.200

Charles Garvin, M.D.

10 CFR 35.200

Marck Gates, M.D.

10 CFR 35.200

Peter John Georgis, M.D.

10 CFR 35.200

Robert Gibbs, M.D.

10 CFR 35.200

Michael A. Gilbert, D.O.

10 CFR 35.200

Kendall Goldschmidt, M.D.

10 CFR 35.200

Michael Green, M.D.

10 CFR 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Docket or Reference No.:
030-37826

Amendment No. 45

Authorized User (M.D., D.O., etc.)Material and Use

Richard Green, M.D.

10 CFR 35.200

Robert Gropler, M.D.

10 CFR 35.200

Rajinder M. Gulati, M.D.

10 CFR 35.200

Richard Ha, M.D.

10 CFR 35.200

Brett A. Hagedorn, M.D.

10 CFR 35.200

Steven C. Hannah, M.D.

10 CFR 35.200

Jeffery A. Hardy, M.D.

10 CFR 35.200

Paul W. Hargan, M.D.

10 CFR 35.200

Chester E. Harrison, M.D.

10 CFR 35.200

Rodney Hartman, M.D.

10 CFR 35.200

Aaman Hassan, M.D.

10 CFR 35.200

Joel Hassien, M.D.

10 CFR 35.200

Robert R. Hasson, M.D.

10 CFR 35.200

Bruce L. Hedgepath, M.D.

10 CFR 35.200

Thomas S. Helling, M.D.

10 CFR 35.200

Robert S. Hellman, M.D.

10 CFR 35.200

Jeffrey A. Hicklin, M.D.

10 CFR 35.200

Allen Hillard, M.D.

10 CFR 35.200

Nicholas L. Hilpipre, M.D.

10 CFR 35.200

Michael Holt, M.D.

10 CFR 35.200

Jon Hopkins, M.D.

10 CFR 35.200

Douglas W. Hughes, M.D.

10 CFR 35.200

Joseph M. Hunt, M.D.

10 CFR 35.200

Amir Iravani, M.D.

10 CFR 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Docket or Reference No.:
030-37826

Amendment No. 45

Authorized User (M.D., D.O., etc.)Material and Use

Feraas Jabi, M.D.
Amin Jahromi, M.D.
Joy A. Johnson, M.D.
Shawn Johnson, M.D.
Austin L. Jones, D.O.
Kenneth Jones, D.O.
Krystyna Jones, M.D.
James A. Junker, M.D.
Jonathan Kahn, M.D.
Craig S. Kamen, M.D.
Keith Kastelic, M.D.
Christine Keesling, M.D.
Brian J. Kenkel, M.D.
Ali Khan, M.D.
Do Hee Kim, M.D.
Steven R. Klepac, M.D.
Robert Knudson, M.D.
Jayaprakasarao Konijeti, M.D.
Kenneth L. Koontz, M.D.
Stephen R. Kunz, M.D.
David Kurlander, M.D.
Theodore P. Labus, M.D.
Sean M. Ladson, M.D.
Douglas R. Lake, M.D.

10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200
10 CFR 35.200



**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Docket or Reference No.:
030-37826

Amendment No. 45

Authorized User (M.D., D.O., etc.)Material and Use

Ladd Daniel Lake, M.D.

10 CFR 35.200

Francisco J. Lammoglia, M.D.

10 CFR 35.200

Jong-II Marcus Lee, M.D.

10 CFR 35.200

Joseph B. Lee, D.O.

10 CFR 35.200

Lawrence Lee, M.D.

10 CFR 35.200

Terry S. Lee, M.D.

10 CFR 35.200

Thomas F. Lee, M.D.

10 CFR 35.200

Paula M. Leiva, M.D.

10 CFR 35.200

Charles A. Lerner, M.D.

10 CFR 35.200

Oscar Lin, M.D.

10 CFR 35.200

James L. Littlefield, M.D.

10 CFR 35.200

Stephen Long, M.D.

10 CFR 35.200

Chris Looney, M.D.

10 CFR 35.200

Rodrigo I. Lopez-Costa, M.D.

10 CFR 35.200

Dennis Luetkemeyer, M.D.

10 CFR 35.200

Sidney D. Machefsky, M.D.

10 CFR 35.200

Mary E. MacNaughton, M.D.

10 CFR 35.200

Robert MacNaughton, M.D.

10 CFR 35.200

Garry Malnar, D.O.

10 CFR 35.200

Michael J. Malnofski, M.D.

10 CFR 35.200

Srinivasarao Malyala, M.D.

10 CFR 35.200

William Mason, M.D.

10 CFR 35.200

Vincent P. Mathews, M.D.

10 CFR 35.200

Marco. S. Mazzella, M.D.

10 CFR 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Docket or Reference No.:
030-37826

Amendment No. 45

Authorized User (M.D., D.O., etc.)Material and Use

Timothy M. McClure, M.D.

10 CFR 35.200

Fred McFall, M.D.

10 CFR 35.200

David P. Megremis, M.D.

10 CFR 35.200

John Merkle, M.D.

10 CFR 35.200

Carl W. Meyer, M.D.

10 CFR 35.200

Neal Meyer, M.D.

10 CFR 35.200

Joyce Mhlanga, M.D.

10 CFR 35.200

Kenneth Miller, M.D.

10 CFR 35.200

Richard D. Miller, M.D.

10 CFR 35.200

Scott Miller, M.D.

10 CFR 35.200

Scott Robert Miller, M.D.

10 CFR 35.200

Mark Monroe, M.D.

10 CFR 35.200

Bruce M. Monson, M.D.

10 CFR 35.200

Ty A. Montgomery, M.D.

10 CFR 35.200

Patrick J. Morello, M.D.

10 CFR 35.200

John A. Morton, M.D.

10 CFR 35.200

Sridhar R. Mothkur, M.D.

10 CFR 35.200

Joseph Mulholland, M.D.

10 CFR 35.200

Keith L. Mullerger, M.D.

10 CFR 35.200

Razi Muzaffar, D.O.

10 CFR 35.200

Dennis Lee Myers, M.D.

10 CFR 35.200

C. Neal, M.D.

10 CFR 35.200

Randall Newth, M.D.

10 CFR 35.200

Robert Newth, M.D.

10 CFR 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Docket or Reference No.:
030-37826

Amendment No. 45

Authorized User (M.D., D.O., etc.)Material and Use

Douglas Francis Niemann, M.D.

10 CFR 35.200

James Northern, D.O.

10 CFR 35.200

Larry Nussbaum, M.D.

10 CFR 35.200

Patrick M. O'Toole, M.D.

10 CFR 35.200

Lisa M. Oakley, M.D.

10 CFR 35.200

Medhat Osman, M.D.

10 CFR 35.200

Smita Parikh, M.D.

10 CFR 35.200

Michael E. Parker, M.D.

10 CFR 35.200

Dakshesh S. Patel, M.D.

10 CFR 35.200

Jeffrey Patrick, M.D.

10 CFR 35.200

James Patrizi, M.D.

10 CFR 35.200

Michael Penny, M.D.

10 CFR 35.200

Thomas J. Piehowicz, D.O.

10 CFR 35.200

Marc J. Pinchouck, M.D.

10 CFR 35.200

George Pjura, M.D.

10 CFR 35.200

Maria Ponisio, M.D.

10 CFR 35.200

Arti Raj, M.D.

10 CFR 35.200

Timothy Raveill, M.D.

10 CFR 35.200

Edsel S. Reed, M.D.

10 CFR 35.200

Stephen J. Regan, M.D.

10 CFR 35.200

Gerald Terhahn Riley, M.D.

10 CFR 35.200

E. Dwain Roberts, Jr., M.D.

10 CFR 35.200

Jose A. Rodriguez, M.D.

10 CFR 35.200

David H. Roehrs, M.D.

10 CFR 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Docket or Reference No.:
030-37826

Amendment No. 45

Authorized User (M.D., D.O., etc.)Material and Use

Jonathan D. Root, M.D.

10 CFR 35.200

Matthew J. Rose, M.D.

10 CFR 35.200

Henry Royal, M.D.

10 CFR 35.200

Aldo C. Ruffolo, D.O.

10 CFR 35.200

G. David Runyon, D.O.

10 CFR 35.200

Alexander T. Ryan, M.D.

10 CFR 35.200

Thomas Schindler, M.D.

10 CFR 35.200

John H. Schlepphorst, M.D.

10 CFR 35.200

Michael Schmidt, M.D.

10 CFR 35.200

Robert Seelig, M.D.

10 CFR 35.200

Alfred Shaplin, M.D.

10 CFR 35.200

Anjum Shariff, M.D.

10 CFR 35.200

William D. Shidal, M.D.

10 CFR 35.200

Richard W. Sibley, M.D.

10 CFR 35.200

Barry A. Siegel, M.D.

10 CFR 35.200

Jonas Singer, M.D.

10 CFR 35.200

William Skiles, M.D.

10 CFR 35.200

Kenneth Smith, M.D.

10 CFR 35.200

Steven L. Solomon, M.D.

10 CFR 35.200

Robert Sonnemaker, M.D.

10 CFR 35.200

Scott C. St. Amour, M.D.

10 CFR 35.200

Andre Byard Stovall, M.D.

10 CFR 35.200

Nathan Strabala, M.D.

10 CFR 35.200

Andre Strzembosz, M.D.

10 CFR 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Docket or Reference No.:
030-37826

Amendment No. 45

Authorized User (M.D., D.O., etc.)Material and Use

Christopher A. Swingle, D.O.

10 CFR 35.200

Amir I. Tabrizipour, M.D.

10 CFR 35.200

Chandrakant Tailor, M.D.

10 CFR 35.200

Ardita Tali, M.D.

10 CFR 35.200

Michael Tate, M.D.

10 CFR 35.200

Adam W. Taves, M.D.

10 CFR 35.200

Barbara Taylor, M.D.

10 CFR 35.200

Shrey K. Thawait, M.D.

10 CFR 35.200

Chiarra Thompson, M.D.

10 CFR 35.200

Christine Anne Tremper, M.D.

10 CFR 35.200

Marc P. Underhill, M.D.

10 CFR 35.200

Joshua David Valtos, M.D.

10 CFR 35.200

John J. Waddell, M.D.

10 CFR 35.200

Richard Wahl, M.D.

10 CFR 35.200

Jerold W. Wallis, M.D.

10 CFR 35.200

Ryan Watson, M.D.

10 CFR 35.200

Ronald. R. Weis, M.D.

10 CFR 35.200

John P. Whalen, M.D.

10 CFR 35.200

Brian J. Wiegel, M.D.

10 CFR 35.200

Amy Wigand, M.D.

10 CFR 35.200

Ken William Winkler, M.D.

10 CFR 35.200

Mark D. Wittry, M.D.

10 CFR 35.200

Michael A. Wohlberg, M.D.

10 CFR 35.200

Milton R. Wolf, M.D.

10 CFR 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 48-32697-01

Docket or Reference No.:
030-37826

Amendment No. 45

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

Brian Worm, M.D.

Todd Wright, M.D.

Rajkumar Yarlagadda, M.D.

John S. Yungmeyer, M.D.

Material and Use

10 CFR 35.200

10 CFR 35.200

10 CFR 35.200

10 CFR 35.200

13. 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. Application dated October 15, 2018 (ML18298A262)

B. Letter dated February 20, 2019 (ML19058A152)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: October 29, 2021

By: _____

Laura B. Cender
Region 3