



Internal Medicine Associates
Cardiovascular Testing Department
550 Landmark Ave.
Bloomington, Indiana 47402
812-331-3404
Fax 812-355-6916

December 23, 2009

Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

License Number: 13-32020-01

To Whom It May Concern:

Internal Medicine Associates of Bloomington, Indiana would like to add Dr. Jennifer Petersen-Goldspiel, as an authorized user for 10CFR35.100 and 10CFR35.200. She was previously on an Illinois Radioactive Materials License as an Authorized User and Radiation Safety Officer. Please find a copy of this license enclosed.

If you have further questions or concerns, please contact our consulting physicist, Erin Bell at ebell@mpcphysics.com or via phone at 877.321.2207 x 342.

Sincerely,

Dave Burnworth
Director of Clinical Operations

Dawn M. Kirchner, RDCS, RVT.
Director, Cardiovascular Testing

RECEIVED JAN 12 2010

July 20, 2004

Radioactive Material License
IL-02208-01

Dana M. Balicki
Executive Director
Heart Horizons, LLC
2088 Ogden Avenue, Suite 150
Aurora, IL 60504

Dear Ms. Balicki:

Enclosed is amendment number 3 to your License Number IL-02208-01. For your convenience, the changes are boldfaced on this license amendment.

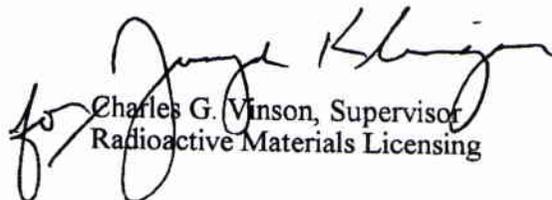
Please review the enclosed document carefully and be sure that you understand all conditions. You must conduct your program involving radioactive material in accordance with the conditions of your Illinois license, representations made in your license application, and Illinois regulations.

You must request and obtain an appropriate amendment if you plan to make any changes in your facility or program. Certain amendments require that a fee be assessed and paid to the Agency. If applicable, you will be billed in accordance with the requirements of 32 Ill. Adm. Code Part 331.120.

You will be inspected periodically by this agency. Failure to conduct your program in accordance with IEMA regulations and your license will result in enforcement action.

Thank you for your cooperation in this matter. When corresponding with this office, please refer to your License Number and ensure that all items are submitted in duplicate. If you have any questions, please contact Radioactive Materials Licensing at (217) 785-9947.

Sincerely,


Charles G. Vinson, Supervisor
Radioactive Materials Licensing

CGV:DSP

Enclosure

STATE OF ILLINOIS
ILLINOIS EMERGENCY MANAGEMENT AGENCY
DIVISION OF NUCLEAR SAFETY

RADIOACTIVE MATERIAL LICENSE

1035 OUTER PARK DRIVE
SPRINGFIELD, ILLINOIS 62704

Pursuant to the Illinois Radiation Protection Act and the rules and regulations in 32 Illinois Administrative Code promulgated thereunder, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material(s) listed herein; and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Agency now or hereafter in effect and to any conditions specified in the license.

LICENSEE

Heart Horizons, LLC
2088 Ogden Avenue, Suite 150
Aurora, IL 60504

LICENSE NUMBER

IL-02208-01

EXPIRATION DATE

June 30, 2008

AMENDMENT NUMBER

3

Attention: Dana M. Balicki
Executive Director

In accordance with letters dated April 27 and June 4, 2004, License Number IL-02208-01 is amended in its entirety. Previous amendments are void.

ITEM	RADIONUCLIDE	CHEMICAL and/or PHYSICAL FORM	MAXIMUM ACTIVITY* PER SOURCE	MAXIMUM POSSESSION LIMIT
A.	Any in 32 Ill. Adm. Code 335.2040	Any calibration or reference source identified in 32 Ill. Adm. Code 335.2040.		As needed
B.	Any in 32 Ill. Adm. Code 335.3010	Any radiopharmaceutical identified in 32 Ill. Adm. Code 335.3010.		As needed
C.	Any in 32 Ill. Adm. Code 335.4010	Any radiopharmaceutical identified in 32 Ill. Adm. Code 335.4010, excluding generators and gases.		As needed
D.	Gd-153	Sealed Source -- IPL Model A-3410 or Dupont Merck Model NES-8426	120 mCi	240 mCi

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram; μ g-microgram; kg-kilogram

APPROVED BY:

for Charles G. Vinson
Charles G. Vinson, Supervisor of Materials Licensing
IL 473-0059

DATE

July 20, 2004

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STATE OF ILLINOIS
IEMA DIVISION OF NUCLEAR SAFETY
RADIOACTIVE MATERIAL LICENSE

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
Heart Horizons, LLC	IL-02208-01	3	June 30, 2008

AUTHORIZED USE:

- A. For use as calibration and reference sources.
- B. Any medical use identified in 32 Ill. Adm. Code 335.3010, for clinical cardiology studies only.
- C. Any medical use identified in 32 Ill. Adm. Code 335.4010, for clinical cardiology studies only.
- D. For use in a Siemens Medical Solutions USA, Inc. "Profile Attenuation Correction System" line source holder/attenuation correction device.

CONDITIONS

1. Radioactive material shall be used only at the licensee's facilities located at 2088 Ogden Avenue, Aurora, Illinois in accordance with statements, representations and procedures listed in other conditions of this license.
2. Radioactive material is authorized for use by, or under the supervision of, the following individual(s) for the materials and uses indicated:

Santosh Gill, M.D.	All
Jennifer Peterson Goldspiel, M.D.	All
3. The Radiation Safety Officer for this license is Jennifer Peterson Goldspiel, M.D.
4. The licensee shall decontaminate or restrict access to each area described in 32 Ill. Adm. Code 335.2080(d) for which removable radioactive contamination is found to exceed 2000 dpm/100 cm². This monitoring must be performed to ensure that decontamination was effective or decay reduced the levels adequately. Records of monitoring must contain the information specified in 32 Ill. Adm. Code 335.2080(f).
5.
 - A. Each sealed source possessed under this license shall be tested for leakage and/or contamination as specified in 32 Ill. Adm. Code 340.410. Tests for leakage and/or contamination shall be performed by persons specifically licensed to provide such services.
 - B. This license does not authorize analysis of leak test samples. However, the licensee is authorized to collect leak test samples for analysis by persons specifically authorized by the Agency, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services.

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram; μ g-microgram; kg-kilogram

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IL 473-0059

July 20, 2004

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STATE OF ILLINOIS
IEMA DIVISION OF NUCLEAR SAFETY
RADIOACTIVE MATERIAL LICENSE

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
Heart Horizons, LLC	IL-02208-01	3	June 30, 2008

6. Except as otherwise specifically provided by this license, radioactive material to be administered to humans shall be procured in prepackaged, pre-calibrated form from a supplier who manufactures, labels, packages, or repackages the product in accordance with all applicable state and federal laws and rules related to appropriate pharmaceutical controls for assay, identity, quality, purity, sterility and nonpyrogenicity.
7. Investigational New Drugs (IND) labeled with radioactive material shall not be used in human beings until the individual user has filed with the Federal Food and Drug Administration the required documentation in accordance with 21 CFR 312.1, and the exemption has not been terminated.
8. The licensee is authorized to receive, possess and transfer depleted uranium in amounts not greater than 999 kg for use as shielding material.
9. Notwithstanding the distribution requirements of 32 Ill. Adm. Code 335.1090, the licensee may receive, possess, and use naturally-occurring or accelerator-produced radioactive material (NARM) specifically authorized by this license and distributed by a supplier located in a non-Licensing State.
10. Sealed sources containing radioactive material shall not be opened.
11. The licensee may use the Calcorp, Inc. "Calicheck" device or the Atomic Products Corp. "Lineator" device for linearity tests of their dose calibrator(s). Such tests shall be performed in strict accordance with the procedures contained in the device manufacturer's instruction manual. A copy of the appropriate device manufacturer's instruction manual shall be maintained at the licensee's facility if one of these devices is used.
12. The licensee is authorized to store waste containing, or comprised of, radioactive material with a physical half-life of less than 90 days for "decay-in-storage" before disposal with the following provisions:
 - A. Radioactive waste to be disposed of shall be held for decay a minimum of ten half-lives.
 - B. Pursuant to 32 Ill. Adm. Code 340.510(a) and (b), radiation surveys shall be performed prior to disposal of the waste to ensure that the waste's radioactivity cannot be distinguished from background radiation levels. The package/container surface shall be surveyed with an appropriate radiation detection survey instrument set on its most sensitive scale, with no interposed shielding between the detector and the waste, in a low background radiation environment. Records of monitoring shall be maintained to include: date of disposal; date placed in storage; manufacturer, model and serial number of the survey instrument used; background radiation levels; measured radiation levels; and identity of the individual performing the monitoring. All radiation labels shall be removed or obliterated.

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram; μ g-microgram; kg-kilogram

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(Condition 12. continued)

- C. Generator columns shall be segregated from their shields and other waste and monitored separately to ensure decay to background levels prior to disposal.
- D. Nothing in this condition relieves the licensee from complying with other applicable federal, state, and local regulations governing any other toxic or hazardous property of these materials.
13. The licensee shall have radiation survey instrument(s) used to establish compliance with 32 Ill. Adm. Code calibrated by a person specifically authorized by the Agency, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services. Records of radiation survey instrument calibrations shall be maintained for Agency inspection.
14. Except as specifically provided otherwise by the license, the licensee shall possess and use radioactive material described in all schedules of this license in accordance with statements, representations and procedures contained in, referenced in, or enclosed with the documents listed below. The regulations contained in 32 Ill. Adm. Code: Chapter II, Subchapters b and d shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations. The most recent statements, representations and procedures listed below shall govern if they conflict with previously submitted documents.
- A. Application dated May 8, 2003.
- B. Letter dated September 12, 2003.
- C. Telefacsimile dated January 21, 2004.

CGV.DSP

* μ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram; μ g-microgram; kg-kilogram

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US POSTAGE



Internal Medicine Associates
LANDMARK MEDICAL CENTER
550 LANDMARK AVENUE
BLOOMINGTON, IN 47403

FORWARDING AND ADDRESS CORRECTION REQUESTED

**Materials Licensing Branch
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532**

