

November 27, 2006

UNITED STATES NUCLEAR REGULATORY COMMISSION
Region III, Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Re: Amendment to License No. 21-04177-01, Lakeland Medical Center.

Please amend our license as follows:

Add Thomas J. DeWind, M.D. as authorized user of 10 CFR 35.100, 35.200, and 35.300. He was previously listed as an authorized user on California radioactive material license number 2236-36. A copy of that license is enclosed for your review.

Thank you for your cooperation in this matter. If you have any questions concerning this request, please contact our consulting physicist, Dawn Edwards, at 734-662-3197.

Sincerely,

A handwritten signature in black ink, appearing to read "Joseph Wasserman".

Joseph Wasserman
President & CEO, Lakeland Medical Center

RECEIVED MAR 15 2007

RADIOACTIVE MATERIAL LICENSE

Pursuant to the California Code of Regulations, Division 1, Title 17, Chapter 5, Subchapter 4, Group 2, Licensing of Radioactive Material, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, use, possess, transfer, or dispose of radioactive material listed below; and to use such radioactive material for the purpose(s) and at the places(s) designated below. This license is subject to all applicable rules, regulations, and orders of the Department of Health Services now or hereafter in effect and to any standard or specific condition specified in this license.

1. Licensee: Victor Valley Community Hospital	3. License Number: 2236-36 Amendment Number: 35
2. Address: 15248 11th Street Victorville, CA 92392	4. Expiration date: October 4, 2015 (3)
Attention: John J. Cerrone, M.D. Radiation Safety Officer	5. Inspection agency: Radiologic Health Branch Granada Hills

License Number 2236-36 is hereby renewed in its' entirety.

6. Nuclide	7. Form	8. Possession Limit
A. Groups 1, 2, 3 and 4 as specified in Item 9. Any radionuclide with atomic number 3-83.	A. Any Excluding generators	A. Combined possession limit for Groups 1, 2, 3 and 4 not to exceed 1.45 Ci.
B. Group 9 as specified in Item 9 Any radionuclide with atomic numbers 3-83, inclusive, except: Strontium-90 and Lead-210.	B. Sealed or solid sources manufactured in accordance with a specific license issued by the United States Nuclear Regulatory Commission, an Agreement State or a Licensing State.	B. Total not to exceed 40 mCi. Each source not to exceed 20 mCi.

9. Authorized Use

To be used for nuclear medicine procedures as specified in groups below.

- A. Group 1 Diagnostic studies involving measurement of uptake, dilution, or excretion but not involving imaging.
- Group 2 Diagnostic studies involving imaging including the use of Xenon-127 and/or Xenon-133 gas
- Group 3 Reagent kits utilizing bulk technetium prepared by a radiopharmacy for preparation of radiopharmaceuticals listed in Group 2.
- Group 4 Internal therapy and palliative treatment not usually requiring hospitalization
- B. Group 9 Marker and calibration sources.

LICENSE CONDITIONS

10. Radioactive material shall be used only at the following location:

- (a) 15248 11th Street, Victorville, CA.

11. This license is subject to an annual fee for sources of radioactive material authorized to be possessed at any one time as specified in items 6, 7, 8 and 9 of this license. The annual fee for this license is required by and computed in accordance with Title 17, California Code of Regulations, Sections 30230-30232 and is also subject to an annual cost-of-living adjustment pursuant to Section 100425 of the California Health and Safety Code.

RADIOACTIVE MATERIAL LICENSE

License Number: 2236-36Amendment Number: 35

12. The individuals named below are authorized the specific uses of radioactive material described in Items 6, 7, 8, and 9 of this license as follows:
- | | |
|-----------------------------|--|
| (a) John J. Cerrone, M.D. | Groups 1, 2, 3, 4 (I-131 only) and 9 |
| (b) Thomas J. Dewind, M.D. | Groups 1, 2, 3, 4 and 9 |
| (c) Mukachandra Patel, M.D. | Groups (2 and 3; cardiac studies only) and 9 |
13. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Items 6, 7, 8 and 9 of this license in accordance with the statements, representations, and procedures contained in the documents listed below. The Department's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- (a) The license renewal application, with attachments, dated September 13, 2004, signed by Jeff Flood, Chief Executive Officer, as supplemented by the letter, with attachments, dated May 23, 2005, signed by John J. Cerrone, M.D., Radiation Safety Officer.
14. (a) The Radiation Safety Officer in this program shall be John J. Cerrone, M.D.
(b) The Chairperson of the Radiation Safety Committee shall be John J. Cerrone, M.D.
(c) The Custodian of sealed sources shall be John J. Cerrone, M.D.
(d) The Alternate Radiation Safety Officer in this program shall be Thomas J. Dewind, M.D.
15. Sealed sources possessed under this license shall be tested for leakage and/or contamination as required by Title 17, California Code of Regulations, Section 30275 (c).
16. The following individuals are authorized to collect wipe test samples of sealed sources possessed under this license using leak test kits acceptable to the California Department of Health Services
- (a) The Radiation Safety Officer
(b) Qualified individuals designated in writing by the Radiation Safety Officer
17. The licensee is authorized to hold radioactive materials with a physical half-life of less than 65 days for decay in storage before disposal in ordinary trash provided:
- (a) Radioactive waste to be disposed of in this manner shall be held for decay in storage for at least 10 half-lives
(b) Before disposal as normal waste, radioactive waste shall be surveyed to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.
18. The licensee may use one constancy source for the dose calibrator constancy test provided that the dose calibrator manual indicates that only one constancy source is needed for proper Quality Control.
19. The licensee may use any commercially available device, acceptable to the U.S. Nuclear Regulatory Commission or any Agreement State or a Licensing State for doing linearity tests of its dose calibrator provided the procedures described by the manufacturer of the linearity device are followed.
20. Nuclear medicine technology procedures shall be performed by nuclear medicine technologists pursuant to Title 17, California Code of Regulations, Subchapter 4.6. Such procedures shall be performed under the supervision of authorized user physicians on this license who meet the criteria specified in Section 30510. Certificates or special permits issued pursuant to Subchapter 4.6 shall be prominently displayed at the facility(ies) authorized on this license.
21. Notwithstanding the definition of "Misadministration" in title 17, 30100(j), and the requirements listed in title 17, section 30322, the Licensee shall notify and submit reports regarding "Medical Events," as defined in title 10, Code of Federal Regulations, Part 35, section 35.2, to the Department in accordance with title 10, Code of Federal

RADIOACTIVE MATERIAL LICENSE

License Number: 2236-36

Amendment Number: 35

22. Treatment and management of patients receiving therapeutic quantities of unsealed radioactive materials shall be in accordance with the guidance from any of the following:
- (a) Chapter 4, "Release from Hospital of Patients Containing Radioactive Material" National Council on Radiation Protection and Measurements (NCRP) Report No. 37, "Precautions in the Management of Patients Who Have Received Therapeutic Amounts of Radionuclides" (NCRP Publications, P.O. Box 30175, Washington, D.C. 20014).
 - (b) Appendix M in the "Guide for the Preparation of Applications for Medical Programs", State of California Department of Health Services, Radiological Health Branch.
 - (c) Documented rationale or patient-specific calculations demonstrating that members of the general public will be limited to 500 mrem total effective dose equivalent from patients who have been released containing therapeutic quantities of radiopharmaceuticals.
23. Production or processing of radiopharmaceuticals for the purpose of commercial distribution to other licensees is not authorized by this license.
24. For a period not to exceed 60 days in any calendar year, a visiting physician is authorized to use licensed material for human use under the terms of this license, provided the visiting physician:
- (a) Has the prior written permission of the hospital's Administrator and its Radiation Safety Committee.
 - (b) Is specifically named as a user on a U.S. Nuclear Regulatory Commission, an Agreement State or a Licensing State license authorizing human use.
 - (c) Performs only those procedures for which the physician is specifically authorized by the U.S. Nuclear Regulatory Commission, an Agreement State or a Licensing State license.

The licensee shall maintain for inspection copies of the written permission specified in (a) above and the licensee(s) specified in (b) and (c) above. These records shall be maintained for five years from the time the licensee grants its permission under (a) above.

25. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material so that at no time will the total quantity of radioactive material possessed require financial surety for decommissioning in accordance with the California Code of Regulations, Title 17, Section 30195.1. A value of 100 microcuries is assigned to Cobalt-57 to supplement the Code of Federal Regulations, Title 10, Part 30, Appendix B
26. A copy of this license and a copy of all records and documents pertaining to this license shall be maintained available for inspection at 15248 11th Street, Victorville, CA.

Issued for the State Department of Health Services

Date: September 28, 2005

By: _____

Radiologic Health Branch
 MSC 7610 P.O. Box 007114

RADIOACTIVE MATERIAL LICENSE

License Number: 2236-36Amendment Number: 36

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| (b) Thomas J. Dewind, M.D. | Groups 1, 2, 3, 4 and 9 |
| (c) Mukachandra Patel, M.D. | Groups (2 and 3; cardiac studies only) and 9 |
| (d) Samuel Salen, M.D. | Groups 1, 2, 3 and 9 |
| (e) Caldwell Simms, M.D. | Groups 1, 2, 3 and 9 |
| (f) Curtis R. Handler, M.D. | Groups 1, 2, 3 and 9 |
| (g) Steven R. Cobb, M.D. | Groups 1, 2, 3 and 9 |
| (h) Fahim Gheybi, M.D. | Groups 1, 2, 3 and 9 |
| (i) Kathleen E. Guth, M.D. | Groups 1, 2, 3 and 9 |
| (j) Jeanine McNeil, M.D. | Groups 1, 2, 3 and 9 |
| (k) Huma S. Qureshi, M.D. | Groups 1, 2, 3 and 9 |
| (l) Atul J. Patel, M.D. | Groups 1, 2, 3 and 9 |
| (m) Alfonso J. Carrillo, M.D. | Groups 1, 2, 3 and 9 |
| (n) Aaron H. Jun, M.D. | Groups 1, 2, 3 and 9 |
| (o) John R. Gustafson, M.D. | Groups 1, 2, 3 and 9 |
| (p) Charles L. Taylor, M.D. | Groups 1, 2, 3 and 9 |
| (q) Harmid Reza Jauaherian, M.D. | Groups 1, 2, 3 and 9 |
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 (b) Before disposal as normal waste, radioactive waste shall be surveyed to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.

Victor Valley Community Hospital
 Radiology – Application for Clinical Privileges

Printed Name of Physician: T. DeWind

CORE PRIVILEGES	EXPERIENCE WITHIN PREVIOUS TWO-YEAR PERIOD		ACTION		
	Number of patient contacts or readings required for initial appointment or reappointment	Number of patient contacts by physician YOU MUST ATTACH DOCUMENTS	Request	Recommend	Deny
Applicant to complete <u>non-shaded</u> areas					
Core privileges listed below	100		✓		

Core privileges are those considered to be intrinsic to the discipline and routinely included in any hospital-based postgraduate residency-training program.

<p>Privileges include general diagnostic radiology (supervision and interpretation), diagnostic ultrasound, diagnostic nuclear medicine studies, diagnostic neuroradiology, diagnostic invasive procedures, and diagnostic body imaging.</p> <p>Privileges include the following procedures:</p> <ul style="list-style-type: none"> • Angiography • Angioplasty • Angiographic percutaneous intervention (Interior vena cava filter placement, Thrombolysis, Vascular embolization, Vasopressin intra-arterial infusion) • Arthrography • Barium and IV contrast examinations, fluoroscopy • Biliary percutaneous intervention: (internal or external drainage, stone extraction, wall stent placement trans-jugular intra-hepatic porto-systemic shunt (TIPS)) • Carotid Angiography • Central line placement • Chest tube placement • Computed tomography (all) 	<ul style="list-style-type: none"> • Cyst sclerosis • Discogram • Facet block • Lymphangiogram • Magnetic resonance imaging (all) • Myelography • Needle biopsy of lung • Nephrostomy • Paracentesis • Percutaneous abscess drainage • Percutaneous biopsy • Percutaneous cholangiogram • Percutaneous gastrostomy • Sialogram • Stenting • Thoracentesis • Venogram • Ultrasound (diagnostic, peripheral vascular, & duplex) • Ultrasound, intravascular • Other: _____ • Other: _____
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SPECIAL PRIVILEGES	EXPERIENCE WITHIN PREVIOUS TWO-YEAR PERIOD			ACTION		
	INITIAL Number of procedures required	REAPPOINTMENT Number of procedures required	Number of procedures performed by physician YOU MUST ATTACH DOCUMENTS	Request	Recommend	Deny
Applicant to complete <u>non-shaded</u> areas						
Mammography	240 readings for FDA	960 readings & 10 hours of current CME		✓		
Therapeutic nuclear medicine	Special license required	Special license required		✓		

Arthrogram, hip	3	0
Arthrogram, knee	15	0
Arthrogram, shoulder	32	0
Arthrogram, wrist	14	0
Barium Enemas	79	0
Biliary Drain	8	0
Biliary Drain to internal	1	0
Biliary Drain check	8	0
Biopsy, Abd or chest wall	2	0
Biopsy, Adrenal	2	0
Biopsy, Bone	5	0
Biopsy, CBD	3	0
Biopsy, Liver	23	0
Biopsy, Lung	35	4 chest tube, 2 hemoptysis
Biopsy, Medistinal	1	0
Biopsy, neck	1	0
Biopsy, Omental	1	0
Biopsy, Pancreas	2	0
Biopsy, Pelvic node	1	0
Biopsy, Pleural	1	0
Biopsy, Renal	3	0
Biopsy, retroperitoneal	1	0
Biopsy, thyroid	3	0
Breast cyst aspiration	2	0
Breast needle localization	36	0
Bronchoscopy Assistance	2	0
Catheter Checks	30	0
Celiac Block Assistance	1	0
Cervical Esophagrams	29	0
Chest tube	6	0
Cholangiogram	8	0
Cystograms	15	0
CVP	1	0
Diaphragm Fluoroscopy	6	0
Discogram	2	0
Enteroclysis	2	0
ERCP's	13	0
Esophagrams	56	0
Esophageal Dilatation	1	0
Facet Block	5 levels	0
Fistulagram	6	0
Gallbladder 2 day	1	0
Gastrostomy	1	0
Gastrostomy check	4	0
Herniagram	4	0
Hip aspiration	4	0
Hip U/S	1	0
Hip Injection	3	0
Hysterosalpingogram	21	0
I131 therapy for CA	9(+4 months)	
I131 therapy for Graves	17(+4 months)	
IVU's	130	0
Jejunum tube check	1	0
Loopogram (Urinary pouch)	2	0

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Lakeland Health Care
C/O Kellee Terry - Nuclear Medicine
1234 Napier Ave.
St. Joseph, MI 49085

United States Nuclear Regulatory Commission
Region III, Office of Materials Licensing
801 Warrenville Road
Lisle, IL 60532-4351

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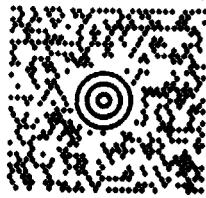
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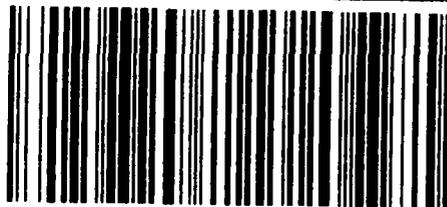
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