



PROVIDENCE MEDICAL GROUP

Date: 2/12/09

Cardiology

George Bittar, M.D.
Nawar Mercho, M.D.
Elias Dalloul, M.D.
Robert Oehler, M.D.
Thomas Orman, M.D.
Neil Kabous, M.D.
Sameh Lamiy, M.D.
Jean Yacoub, M.D.
Mary von Leer, F.N.P.
Joni Steele, F.N.P.

Endocrinology

Mohammad S. Alam, M.D./F.A.C.E.
Isaiah Pittman IV, M.D./PhD

Family Practice

Susan Amos, M.D.
Greg Brock, D.O.
Darren Brucken, M.D.
Charles French, M.D.
Harold Loveall, M.D.
Steven McDonald, M.D.
Alohna Morrow, D.O.
Frank Spendal, M.D.
Craig Johnson, M.D.
Mark Thomas, M.D.
David A. Breitweiser, M.D.
Joyce Boeglin, N.P.
Frank Kiefer, P.A.
Jamie Corey Maynard, PhD, F.N.P.
Tammy Mundy, N.P.
Jeane Peacock, N.P.
Elizabeth Hines, A.P.R.N. BC
Leslie Batty, F.N.P.
Jacqueline Fisher, F.N.P.-C
Lynette Smith, F.N.P.

Internal Medicine

Joel Elias, M.D.
Freij Gobal, M.D.
David Janicki, M.D.
Antwan Mardini, M.D.
Lynn Pittman, D.O./D.N.
Montaser Shaheen, M.D.
Rima Berchane, M.D.

Hematology/Oncology

Sang Huh, M.D.
Montaser Shaheen, M.D.

OB/GYN

Magdy Nour, M.D.

Rheumatology

Henry Davis, M.D.
Martha Miller, N.P.

Pulmonology

Meghasyamarao Theertham, M.D.
Kelly A. Watts, F.N.P.

Nephrology

Sherif Elassal, M.D.

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

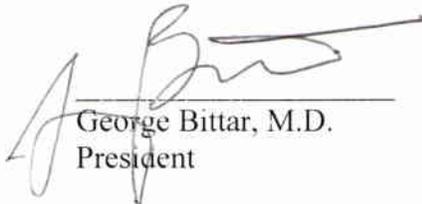
Reference: Byproduct Material License No. 13-32192-01

Attached please find –

1. The application, in duplicate, for the renewal of the above referenced Byproduct Material License and
2. A check for \$2,300 (Twenty Three Hundred Dollars) issued to the U.S. Nuclear Regulatory Commission as renewal application filing fee.

I hope this information is satisfactory. Should you have any questions, please contact our consultant, Ashwin Patel, cell phone number 352.428.8132.

Sincerely,



George Bittar, M.D.
President

RECEIVED FEB 18 2009

Corporate Office
2723 South 7th Street, Suite A • Terre Haute, Indiana 47802
(812) 232-8164 • (812) 234-6391
Offices in Clinton, Brazil, Paris and Sullivan

NRC FORM 313
(4-2008)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 10/31/2008

Estimated burden per response to comply with this mandatory collection request: 4.4 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

APPLICATION FOR MATERIALS LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

IF YOU ARE LOCATED IN:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
612 E LAMAR BOULEVARD, SUITE 400
ARLINGTON, TX 76011-4125

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER
- C. RENEWAL OF LICENSE NUMBER **13-32192-01**

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Providence MedicalGroup
2723 South 7th Street
Terre Haute, IN 47802

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Providence MedicalGroup
2723 South 7th Street
Terre Haute, IN 47802

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Ashwin Patel, Consultant

TELEPHONE NUMBER

(352) 428-8132

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

9. FACILITIES AND EQUIPMENT

10. RADIATION SAFETY PROGRAM

11. WASTE MANAGEMENT

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY **7C** AMOUNT ENCLOSED \$ **2300⁰⁰**

13. CERTIFICATION (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

Dr. George Bittar MD

SIGNATURE

DATE

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		

APPROVED BY

DATE

ITEM 5 Radioactive Material:

Byproduct Material	Chemical/Physical Form	Maximum Amount
Any byproduct material permitted by 10 CFR 35.100	Any	As needed
Any byproduct material permitted by 10 CFR 35.200	Any	As needed
Any byproduct material permitted by 10 CFR 31.11	Packaged Kits	As needed

Item 6: Purposes for which Licensed Material will be used:

10 CFR 35.100	Medical use of unsealed byproduct material for uptake, dilution, and excretion studies for which a written directive is not required.
10 CFR 35.200	Medical use of unsealed byproduct material for uptake, dilution, and excretion studies for which a written directive is not required.
10 CFR 31.11	Invitro Testing

8.10 ITEM 7: Radiation Safety Officer (RSO):

The radiation safety officer for this license is Nawar Mercho, M.D. For his training and experience, please refer to the previous application for this license.

ITEM 7: Authorized User:

Authorized Users	Material & Use
Nawar Mercho, M.D.	10 CFR 35.100, 35.200 and 31.11
Geroge Bittar, M.D.	10 CFR 35.100, 35.200 and 31.11
Bob F. Klingelheber, M.D.	10 CFR 35.100, 35.200 and 31.11
Jean Yacoub, M.D.	10 CFR 35.100 and 35.200

ITEM 8. Training for Individuals working in or frequenting restricted areas:

Occupational Employees-

1. Nuclear Medicine Technologists are classified as occupational employees. These individuals perform their duties from the radiation safety viewpoint under the direction of the "authorized" physician and the RSO. The Nuclear Medicine Technologist will be certified, or be eligible for certification, by the NMTCB or ARRT(NM). The Technologist will also be licensed by the State (where applicable).

The Technologist will get the training when he/she begins the employment in the department. This training will be given by the Chief Technologist (or the Lead Technologist), and the written documentation, in the form of a check list, will be reviewed by the RSO to assure that appropriate training has been given to the employee. The items covered under this training program are listed below.

ORIENTATION AND TRAINING PROGRAM

The training program will include:

- A. Use and storage areas of radioactive materials.
- B. Potential hazards from radioactive materials.
- C. Radiological safety procedures appropriate to each individual's respective duties.
- D. Pertinent Department Regulations.
- E. Pertinent terms and conditions of the license, including information and procedures submitted as part of the application.
- F. The individual's obligation to report unsafe conditions.
- G. Appropriate response to emergencies or unsafe conditions.
- H. Each individual's right to be informed of his or her radiation exposure, including bioassay results, when applicable.
- I. Locations of available notices, copies of pertinent Regulations and license application (including the applicable correspondence, as required by the regulations).
- J. Review of the Standards for Protection Against Radiation (applicable to the License). Attached is the check list of the items reviewed with the new employee and which will be reviewed and signed by the RSO.

Our Nuclear Medicine Department is surveyed periodically by a Consultant. The Consultant reviews the deficiencies in the program with the Department employees (the Nuclear Medicine Technologists) and issues a written report of his findings, which is available for review by the technologists. The Consultant, who visits the department at least twice a year, also keeps the technologists up-dated with any changes in regulations regarding radiation safety, etc.

2. The Ancillary Employees, who may come in contact with radiation (such as Radioactive Packages, etc.) or diagnostic radioactive patients, will be given written instructions on Radiation Safety which specifically applies to their job responsibilities. The departments involved are:
 - Housekeeping
 - Receiving, and
 - Cardiographic Technologists

Attached are the copies of the written instructions given to the employees.

The employees will be given these written instructions as a part of their orientation program when they assume their responsibilities. All employees will also be given these instructions annually.

**Item No. 8 (Continued) -
Nuclear Medicine Department Technologist Orientation Check List**

The following items are to be reviewed by Nuclear Medicine personnel prior to assuming responsibilities in the Department.

Employee: _____

- ___ Radioactive Material License and correspondence.
- ___ Radiation protection - distance, time and shielding
- ___ Prenatal Radiation Exposure instructions (NRC Regulatory Guide 8.13)
- ___ Nuclear Medicine Policy and Procedures Manual.
- ___ Nuclear Medicine Department Posting requirement
- ___ Nuclear Medicine Department Record Keeping Requirements
- ___ Radioactive Package Receiving, opening, handling and Safe Transportation Requirements
- ___ Proper use of shielding
- ___ Guides and Notices - posting requirements
- ___ Diagnostic Radiopharmaceutical Reportable and Recordable Policy
- ___ Employee IV Radiopharmaceutical Administration Authorization Statement
- ___ Proper Use of Department Survey Meters and Dose Calibrator
- ___ Survey meter and Dose Calibrator Quality Control checks
- ___ Access control procedures
- ___ Dose limits to the embryo/fetus, including instruction on declaration of pregnancy
- ___ Emergency procedures
- ___ Dose to individual members of the public

This is to verify that _____ has had the opportunity to review and is trained in the above described items.

Technologist: _____; Supervisor: _____; Date: _____

RSO: _____

INSTRUMENTATION

SURVEY METER:

Manufacturer	Ludlum	Ludlum	
Model No.	14C	Model 3 with scintillation probe	
No. of instruments available	One	One	
Minimum Range	0 – 0.2 mr/hr	0 to 5000 CPM	
Maximum Range	0 – 2000 mr/hr	0 – 500,000CPM	

DOSE CALIBRATOR:

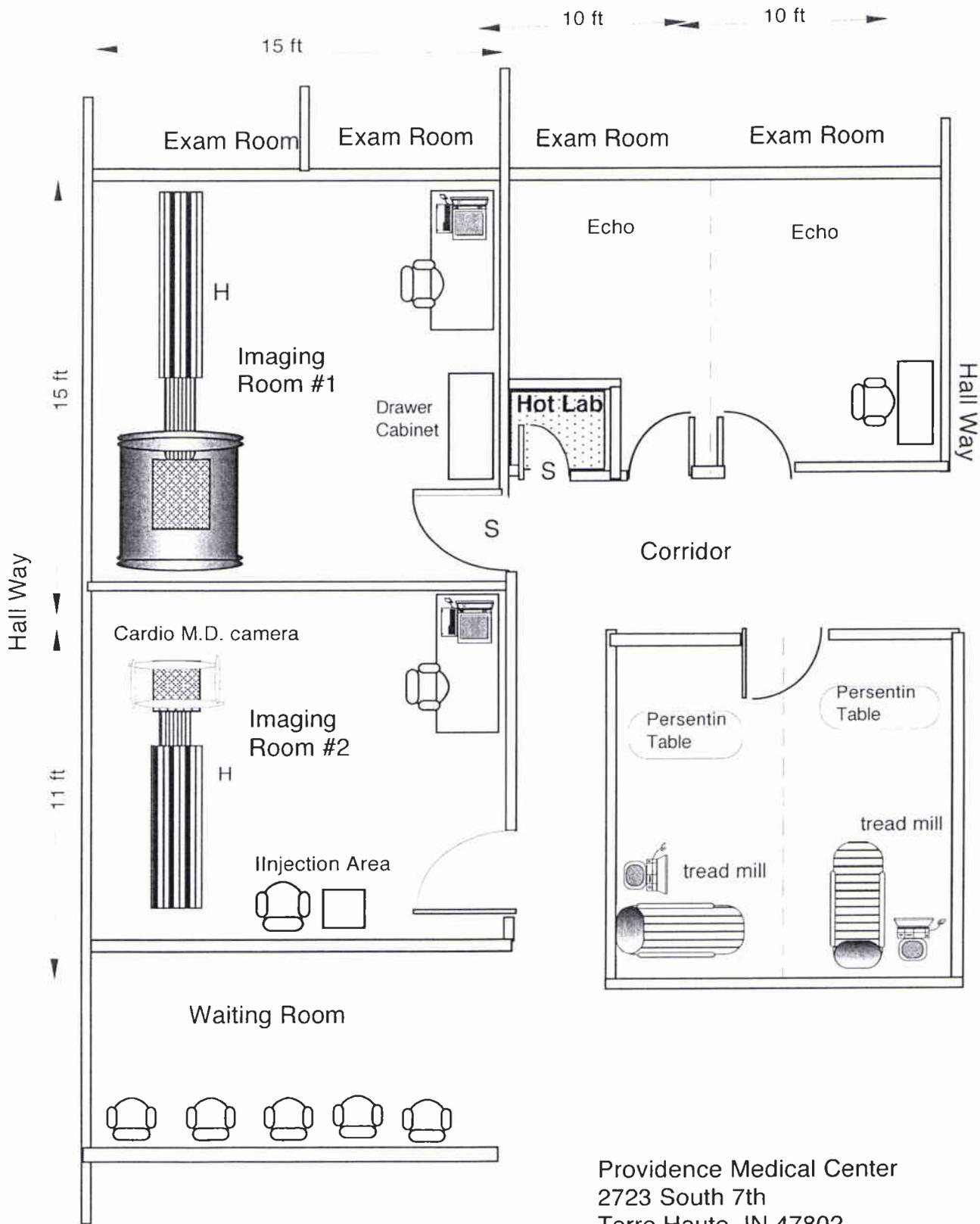
Manufacturer	Capintec
Model No.	CRC - 15R
No. of Instruments	Two

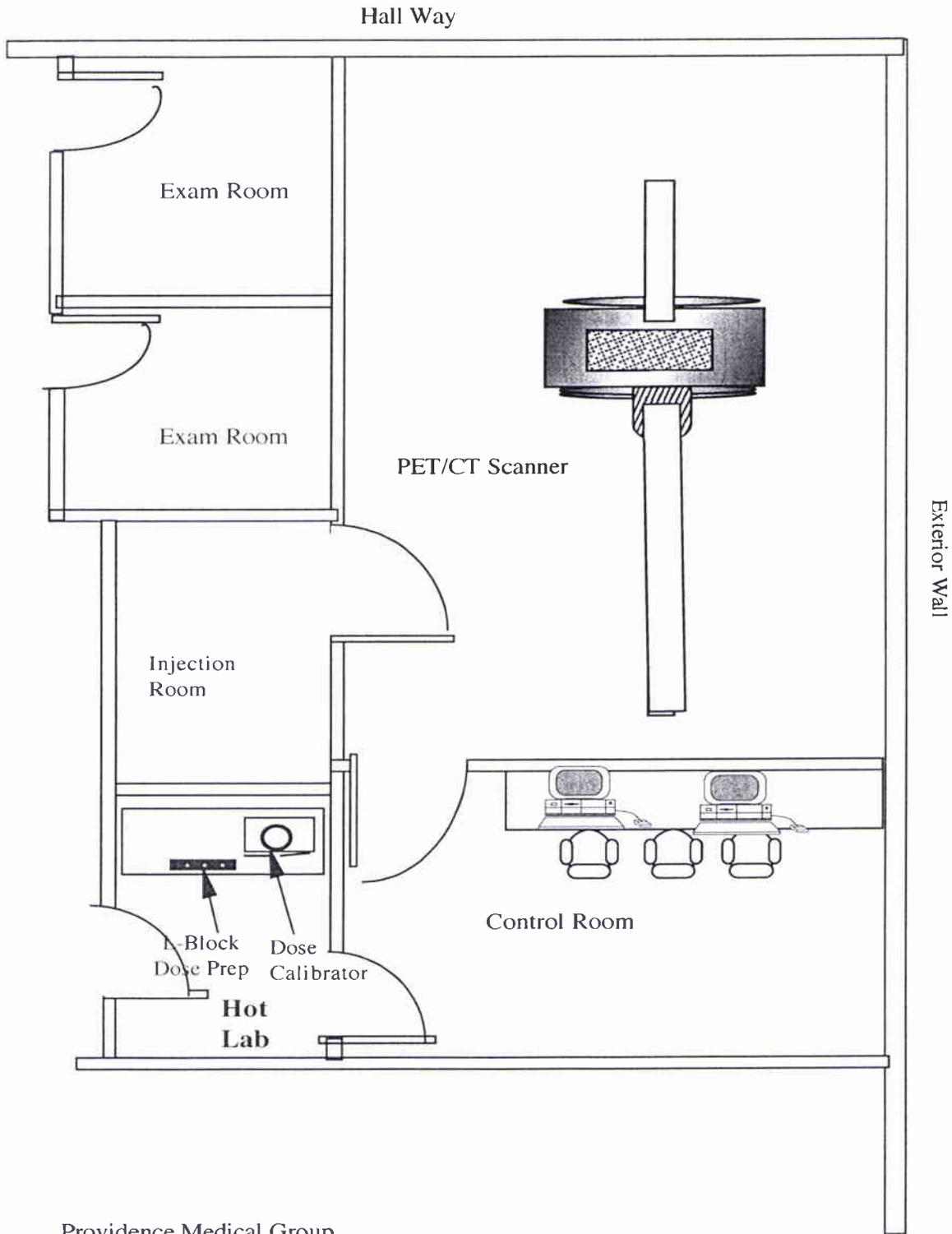
DIAGNOSTIC INSTRUMENTS:

Type of Instrument	Scintillation Camera	Scintillation Camera
Manufacturer	Phillips	Phillips
Model No.	Vertex	Cardio MD

DIAGNOSTIC INSTRUMENTS:

Type of Instrument	Scintillation Camera	
Manufacturer	Siemens - PET	
Model No.	Accel	





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License No.: 13-32192-01

9B

Item 9: Radiation Monitoring Instrumentation -

Radiation monitoring instruments will be calibrated by a person qualified to perform survey meter calibrations.

Item 9: Dose Calibrator -

Equipment used to measure dosages will be calibrated in accordance with nationally recognized standards or the manufacturer's instructions.

Item 10: Radiation Safety Program:

(a) Occupational Dose -

Either we will perform a prospective evaluation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or we will provide dosimetry that meets the requirements listed under "Criteria: in NUREG-1556, Vol. 9, (Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Medical Use Licensees" dated October 2002.

(b) Safe Use of Unsealed Licensed Material:

We have developed and will implement and maintain procedures for safe use of unsealed byproduct material that meet the requirements of 10 CFR 20.1101.

(c) Spill Procedure:

We have developed and will implement and maintain written procedures for safe response to spills of licensed material in accordance with 10 CFR 20.1101.

Item 11: Waste Management -

We have developed and will implement and maintain written waste disposal procedures for licensed material in accordance with 10 CFR 20.1101, that also meet the requirements of the applicable section of Subpart K to 10 CFR Part 20 and 10 CFR 35.92.

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