

**APPLICATION FOR MATERIAL LICENSE**

Estimated burden per response to comply with this mandatory collection request: 7 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 F52), 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, NE0B-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.

**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:**

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

**ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:**

**IF YOU ARE LOCATED IN:**

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, 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:

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

**IF YOU ARE LOCATED IN:**

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

*NMSB 3*

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

NUCLEAR MATERIALS LICENSING BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TX 76011-4005

*03034021*

**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 47-25351-01
- C. RENEWAL OF LICENSE NUMBER \_\_\_\_\_

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

CorScan Plus  
27 Kanawha Trail  
Lewisburg, WV 24901

**3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED**

Various - See License

**4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION**

Sharon L. Long National Physics Consultants

**TELEPHONE NUMBER**

(330) 878-8057

**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 **CATEGORY 7C** AMOUNT ENCLOSED \$ **0.00**

**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  
**Steven W. Walter, M.D. General Manager and CEO**

SIGNATURE 

DATE  
**06/15/2004**

**FOR NRC USE ONLY**

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

*135168*  
**NMSS/RGNI MATERIALS-002**  
**REC'D IN LAT JUN 18 2004**

# CorScan Plus

The Nuclear Imaging Company

[www.corscanplus.com](http://www.corscanplus.com)

(800) 627-3439

U.S.N.R.C.  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

Re: License Number 47-25351-01

To Whom It May Concern:

Please amend our materials license to reflect the following change:

A. Add the following physician authorized users to our NRC license as authorized users for materials identified in 10 CFR 35.200. Documents verifying clinical training and certificates of completion for 50 hours of classroom training in the appropriate categories are attached for reference.

After thoroughly reviewing these individuals work, credentials, and work history, I certify by my affixed signature that these individual have achieved a level of competency sufficient to function independently as authorized users of materials identified in 10 CFR 35.200.

1. David Oliver, MD
2. Vaishali M. Swami, MD

B. Remove the following authorized users from our license.

1. Richard Birnbaum, MD
2. Scott Miller, MD
3. Gary Roberts, DO
4. Jashvantial Thakkar, MD

Thank you for your attention to this matter.

Sincerely,



Steven Walter, M.D. RSO  
Authorized User  
General Manager and CEO

01 FEB 18 01:46

RECEIVED  
REGION 1

J. Carlisle Hewitt, M.D., FACR  
B. Ed Shelley, Jr., M.D., FACR  
Robert E. Speir, Jr., M.D.  
Richard J. Wunder, M.D.  
Gary L. Rike, M.D.  
Scott J. Crane, M.D.  
Paul J. Zdybel, M.D.  
John J. Daly, M.D.



# Carolina Radiology

*A Higher Standard.*

G. Scott Mencken, M.D.  
J. Scott Lackey, M.D.  
Russell L. Derrick, M.D.  
Joshua B. Tew, M.D.  
Steven M. Epstein, M.D.  
Jan V. Levitan, M.D.  
John M. Razook, M.D.  
Brian J. Fortman, M.D.  
Young S. Song, M.D.

May 19, 2004

Vaishali Swami, M.D.  


RE: Nuclear Medicine

To Whom It May Concern:

This document will confirm that Vaishali M. Swami, M.D. has been an active medical staff member at Grand Strand Regional Medical Center from July, 1995 to present. She has had clinical privileges in Nuclear Cardiology during that last nine years. She has interpreted Nuclear Cardiology studies in conjunction with the radiology staff, and has also actively participated in the Nuclear Cardiology section of her private practice group (Cardiology/Gastroenterology Associates of Myrtle Beach). Both our hospital and that group were two of the first certified nuclear cardiology laboratories.

She received her clinical cardiology training at Tulane University, and received nuclear cardiology training under the supervision of Dr. Richard Campeau.

I am pleased to confirm that Dr. Swami has achieved a level of competency sufficient to function independently as an authorized user for the Medical Uses Authorized User under the NRC guidelines 35.100 and 35.200.

Sincerely,



Richard J. Wunder, M.D., CAQ  
Radiation Safety Officer  
Grand Strand Regional Medical Center

Medical Director Department of Radiology  
Grand Strand Regional Medical Center

RJW/pcs

**PERSONAL INFORMATION WAS REMOVED  
BY NRC. NO COPY OF THIS INFORMATION  
WAS RETAINED BY THE NRC.**

**CORPORATE OFFICE:**

P.O. Box 1885, Myrtle Beach, SC 29578-1885 • (843) 692-0570 • Fax (843) 692-7641

**BILLING OFFICE:**

P.O. Box 51030, Myrtle Beach, SC 29579-51030 • (843) 467-2676 • Fax (843) 497-9566



SCHOOL OF MEDICINE

*Department of Radiology*

May 7, 2004

To whom it may concern:

This document will confirm that Vaishali Swami, M.D. gained clinical and work experience during her cardiology fellowship (July 1992 – June 1995) in nuclear cardiology at our institution, Tulane University Health Sciences Center, an institution approved by the Accreditation Council for Graduate Medical Education (ACGME), as well as our affiliate nuclear medicine service at the Veterans Administrations Medical Center, New Orleans, LA facility. Dr. Swami gained additional classroom, laboratory, and didactic (200 hrs) training in a Basic Isotopes Handling Course, sufficient to satisfy Nuclear Regulatory Commission (NRC) licensure requirements 10 CFR Part 35. During the above time frame, Dr. Swami examined patients and reviewed histories to determine the suitability for these procedures; selected the suitable radiopharmaceutical and dose; administered radiopharmaceuticals using a syringe shield; collaborated with an authorized user in the interpretation of the procedures and used her interpretation in the clinical management of patients.

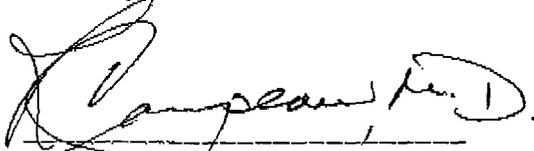
Concurrent with clinical experience was supervised work experience. This included but was not limited to the procedures for ordering, receiving and unpacking radioactive materials, calibrating a dose calibrator and other instruments as well as checks for proper operation; calculating and preparing patient dosages; using administrative controls to prevent misadministration; using procedures to contain spills and decontamination procedures.

During the time periods above, Dr. Swami was directly supervised by myself, satisfied 6 months training in all phases of nuclear cardiology as defined by 10 CFR Part 35 and Level II training as specified in the COCATS guidelines of the American Society of Nuclear Cardiology.

The total supervised clinical and work experience during this period was 1,075 hours, including in excess of 500 patient exams comprising nuclear cardiology procedures with 40 angiographic catheter correlations.

I am pleased to confirm that Dr. Swami has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under the NRC guidelines 35.100 and 35.200.

Sincerely,



Richard J. Campeau, M.D.  
Professor of Radiology (Nuclear Medicine)  
and Internal Medicine (Cardiology)  
Director of Nuclear Medicine

5/7/04  
Date signed

**AUTHORIZED USERS UNDER LICENSE LA-0004-L01:**

Richard J. Campeau, M.D.  
Edward H. DeMouy, M.D.  
Brian M. Rodgers, M.D.  
Harold R. Neitzschman, M.D.  
Adam M. Dowling, M.D.

RJC/sab

*Certificate of Completion*  
*Authorized User Classroom and Laboratory*  
*Training Program*

*Vaishali M Swami, M.D.*

*has successfully completed 50 hours of classroom and laboratory training that included:*

*Radiation physics and instrumentation;*

*Radiation protection;*

*Mathematics pertaining to the use and measurement of radioactivity;*

*Chemistry of byproduct material for medical use;*

*Radiation biology; Generator elution and*

*Review of regulations regarding the medical use of radioisotopes.*

***CorScan Plus***

*The Nuclear Imaging Company*

*www.corscanplus.com*

*Steven W. Walter, MD*

Steven W. Walter, MD

Program Director

General Manager and CEO

CorScan Plus

800 627 3439

Authorized User NRC License No. 47-25351-01

June 15, 2004

Date



# Coastal Carolina

## H E A L T H C A R E, P.A.

### Coastal Internal Medicine and Cardiology

670 Cardinal Place  
New Bern, NC 28562  
(252) 636-6222  
(252) 636-5385 Fax

New Bern  
Family Practice &  
Urgent Care Center  
810 Kennedy Avenue  
New Bern, NC 28560  
(252) 633-1678  
(252) 633-1403 Fax

New Bern Internal  
Medicine and Cardiology  
702 Newman Road  
New Bern, NC 28562  
(252) 633-5333  
(252) 633-9443 Fax

Twin Rivers  
Family Practice  
3252 Wellons Blvd.  
New Bern, NC 28562  
(252) 636-2664  
(252) 636-8305 Fax

New Bern Cancer Care  
1915 Trent Blvd.  
New Bern, NC 28560  
(252) 636-5135  
(252) 636-5395 Fax

Atlantic Internal Medicine  
730 Newman Road  
New Bern, NC 28562  
(252) 634-9090  
(252) 634-9915 Fax

Coastal Carolina  
Imaging  
3252 Wellons Blvd.  
New Bern, NC 28562  
(252) 637-5480  
(252) 637-2514 Fax

Coastal Carolina  
Hospitalists  
2000 Neuse Blvd.  
New Bern, NC 28560

CCHC Administration &  
Central Billing Office  
P.O. Box 12248  
1315 S. Glenburnie Rd.  
Suite A-5  
New Bern, NC 28561  
(252) 514-2061  
(252) 514-0371 Fax

May 27, 2004

Dear Colleague,

I am an Authorized User listed on the Radioactive Materials License of Coastal Carolina Health Care, P.A., license number 025-1131-1. This communication is to confirm that David C. Oliver, M.D. has successfully completed all training requirements set forth by the Nuclear Regulatory Commission guidelines section §§35.290, paragraph c (1). He has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under the NRC guidelines §§35.100 and 35.200.

Dr. Oliver has completed 700 hours of training and experience in basic radionuclide handling techniques applicable to the medical use of unsealed byproduct material for imaging and localization studies. This training and experience included a minimum of the following:

A. 1) Classroom and laboratory training in the following areas:

- a) Radiation physics and instrumentation;
- b) Radiation protection;
- c) Mathematics pertaining to the use and measurement of radioactivity;
- d) Chemistry of byproduct material for medical use;
- e) Radiation biology
- f) Generator Elution

2) Work experience, under the supervision of authorized user, Andrew Win MD, which meet the requirements in §§35.290, involving:

- a) Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys
- b) Calibrating instruments used to determine the activity of dosages and performing checks for proper operation of survey meters
- c) Calculating, measuring, and safely preparing patient or human research subject dosages;
- d) Using administrative controls to prevent a medical event involving the use of unsealed byproduct material;
- e) Using procedures to safely contain spilled radioactive material and using proper decontamination procedures;
- f) Administering dosages of radioactive drugs to patients or human research subjects; and
- g) Eluting generator systems appropriate for preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radionuclidic purity, and processing the eluate with reagent kits to prepare labeled radioactive drugs

B. In addition, Dr. Oliver has completed training in the clinical aspects of Nuclear Cardiology, which has included the following:

1) Interpretation of over 500 patient studies.

- a) Review of over 50 myocardial perfusion scans with angiographic correlation
- b) preparation of nuclear radiopharmaceuticals
- c) camera quality control, set up and calibration
- d) patient preparation, dose administration
- e) scan acquisition and processing
- f) interpretation and reporting results of exams

I am pleased to confirm that Dr. David Oliver has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under the NRC guidelines §§35.100 and 35.200.

Sincerely,

A handwritten signature in black ink, appearing to be 'Andrew Win', written in a cursive style.

Andrew Win, MD

*Certificate of Completion*  
*Authorized User Classroom and Laboratory*  
*Training Program*

*David Oliver, M.D.*

*has successfully completed 50 hours of classroom and laboratory training that included:*

*Radiation physics and instrumentation;*

*Radiation protection;*

*Mathematics pertaining to the use and measurement of radioactivity;*

*Chemistry of byproduct material for medical use;*

*Radiation biology; Generator elution and*

*Review of regulations regarding the medical use of radioisotopes.*

***CorScan Plus***

*The Nuclear Imaging Company*  
[www.corscanplus.com](http://www.corscanplus.com)

*Steven W. Walter, MD*

Steven W. Walter, MD  
Program Director  
General Manager and CEO  
CorScan Plus  
800 627 3439  
Authorized User NRC License No. 47-25351-01

June 15, 2004

Date

This is to acknowledge the receipt of your letter/application dated

6/15/2004, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 47-25351-01  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 135068.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

BETWEEN: : (FOR LFMS USE)  
 : INFORMATION FROM LTS  
 : -----  
 :  
 License Fee Management Branch, ARM : Program Code: 02120  
 and : Status Code: 0  
 Regional Licensing Sections : Fee Category: 7C  
 : Exp. Date: 20110630  
 : Fee Comments: \_\_\_\_\_  
 : Decom Fin Assur Reqd: N  
 : ::

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED  
 Applicant/Licensee: CORSCAN PLUS  
 Received Date: 20040618  
 Docket No: 3034021  
 Control No.: 135168  
 License No.: 47-25351-01  
 Action Type: Amendment

2. FEE ATTACHED  
 Amount: \_\_\_\_\_  
 Check No.: \_\_\_\_\_

3. COMMENTS

Signed M. A. Perkins  
 Date 6/21/04

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /\_\_/)

1. Fee Category and Amount: \_\_\_\_\_

2. Correct Fee Paid. Application may be processed for:  
 Amendment \_\_\_\_\_  
 Renewal \_\_\_\_\_  
 License \_\_\_\_\_

3. OTHER \_\_\_\_\_

Signed \_\_\_\_\_  
 Date \_\_\_\_\_