

Mercy Hospital of Pittsburgh  
1400 Locust Street  
Pittsburgh, PA 15219-5166

2007 NOV -9 AM 10:47  
RECEIVED  
REGION I

October 23, 2007

NMSB1

U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

Re: License Number: 37-01321-02 Docket Number: 030-02982/37-16031-01

To Whom It May Concern,



Please amend our license as follows:

1. Add authorization for the use of Iridium-192 in a high dose rate remote afterloading brachytherapy unit and Strontium 90 for instrument calibration. This physician is currently listed on our license for materials identified in 10 CFR 35.400. Documentation of training and experience for these individuals is attached.
  - a. Prabha Bansal, M.D.
  
2. Add authorization for the use of Iodine-131 in quantities less than 33 mCi for the following physicians. These physicians have participated in more than 3 administrations each. These physicians are currently listed on our license for materials identified in 10 CFR 35.200. The Authorized User attestation statement is appended to this document.
  - a. Edward R. Gates, MD
  - b. Clyde John Schultheis, MD

Thank you for your attention to this matter. If you have any questions or we can provide any further assistance, please contact Barbara Bookser at 412-232-8130.

Sincerely,

Linda Hogan  
Vice President Clinical Informatics and Operations  
Mercy Hospital of Pittsburgh

141306

NMSS/RGN1 MATERIALS-002

DISPLAY THIS CERTIFICATE PROMINENTLY - NOTIFY AGENCY WITHIN 10 DAYS OF ANY CHANGE

Commonwealth of Pennsylvania  
Department of State  
Bureau of Professional and Occupational Affairs  
PO Box 2649 Harrisburg PA 17105-2649

06 120720

License Type  
Medical Physician and Surgeon

License Status  
Active



Initial License Date  
02/11/1975

PRAKHA BANSAL

License Number

MD035706L

Expiration Date  
12/31/2008

*Basil L. Weir*  
Commissioner of Professional and Occupational Affairs

*P. Bansal*  
Signature

ALTERATION OF THIS DOCUMENT IS A CRIMINAL OFFENSE UNDER 18 P.S. 4911

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

APR-30-07 MON 02:40 PM  
PHY-20-03 TUE 03:46 AM

FAX NO.  
FAX NO.

P. 02  
P. 05

# The American Board of Radiology

*Organized through the cooperation of the  
American College of Radiology, the American Roentgen Ray Society,  
the American Radium Society, the Radiological Society of North America,  
the Section on Radiology of the American Medical Association  
and the American Society of Therapeutic Radiologists*  
*Herby certifies that*

**Prabha Bansal, M.B.**

*Has pursued an accepted course of graduate study  
and clinical work, has met certain standards and qualifications and  
has passed the examinations conducted under the authority of  
The American Board of Radiology*

*On this ninth day of June, 1975*

*Herby demonstrating to the satisfaction of the Board  
that she is qualified to practice the specialty of*

**Therapeutic Radiology**

*Sidney W. Nelson*

*C. Allen Hood*



**UNIVERSITY OF PITTSBURGH**  
**"AUTHORIZED USER CERTIFICATION FOR HUMAN USES OF RADIOACTIVE**  
**MATERIAL UNDER JOINT AUTHORIZATION"**

- New Application (Supplement: "Physicians Training and Experience Summary" must be completed)
- Renewal

**1. APPLICANT IDENTIFICATION**

Name: PRABHA BANSAL Degree: M.D.  
 Department: Radiation Oncology Title: Assistant Professor  
 Office Location: Room 07<sup>3</sup>~~6~~ Building: Magee Women's Hosp. Rad. Onc.  
 Office Phone: 412-647-1160 Email: bansal.p@upmc.edu

**2. JOINT AUTHORIZATION:** UPMC Radiation Oncology  
NRC License No. 37-00245-02

**3. AUTHORIZED USES**

List the types of categories of medical use from Section 5. of the Joint Application for which specific authorization is requested.

- A) Use of sealed sources under 10 CFR 35.400 for manual brachytherapy
- B) Use of sealed sources under 10 CFR 35.600 for Ir-192 High Dose Rate brachytherapy
- ~~D) Sr-90 Novoste Beta Cath System for intravascular brachytherapy~~
- ~~E) P-32 Guidant Galileo System for intravascular brachytherapy~~
- C) Accelerators for x-ray and electron beam therapy

**4. CONDITIONS ON THE USE OF RADIONUCLIDES AND RADIATION SOURCES**

1. All policies, procedures, and conditions contained in the current UPMC Radiation Oncology Department Joint Authorization application must be followed.
2. Uses under items B, D, and E above are subject to completion of the internal training requirements.

### 5. STATEMENT OF AUTHORIZED USER RESPONSIBILITY

As an Authorized User of radioactive material under the University of Pittsburgh's License, I will abide by all regulations, policies and procedures of the U.S. Nuclear Regulatory Commission, the Pennsylvania Department of Environmental Protection - Bureau of Radiation Protection and the University Radiation Safety Committee.

Applicant's Signature: *Roana* Date: 1-16-04

### 6. REVIEW AND APPROVAL

Review and approval by the University's Radiation Safety Committee:

	Signature	Date
Chairperson:	<u><i>Neil Wald</i></u>	<u>2 Feb 04</u>
Vice Chairperson:	<u><i>Dennis Bueger</i></u>	<u>01/26/04</u>
Chairperson, Subcommittee on Human Use of Radioisotopes and Radioactive Drug Research:	<u><i>Dennis Bueger</i></u>	<u>01/26/04</u>
Radiation Safety Officer:	<u><i>gca</i></u>	<u>1/27/04</u>

This application, signed by the members of the Radiation Safety Committee and Human Use Subcommittee is your authorization to possess and use radioactive materials and radiation sources as indicated in the items above.

Date of Approval 2/4/04

Date of Expiration 5/31/05

**Supplement to Form RSO-313HU**  
(Required for new applicants only)

**PHYSICIAN'S TRAINING AND EXPERIENCE WITH RADIONUCLIDES:**

NAME OF PROPOSED AUTHORIZED USER: PRABHA BANSAL AU.# \_\_\_\_\_

Submit the following information in support of the qualification requirements for the human use of radioactive material and radiation sources:

1. Current copy of Curriculum Vitae:
2. Copy of Medical Board Certification(s):

Specialty board American Board Category Therapeutic Month and Year Certified 6.9.1978  
of Radiology or Radiology.

Preceptor Statement of physician's classroom, laboratory, and clinical training and experience with radioactive material, signed by the supervising authorized user (NRC Forms: Supplement A and B).

3. Clinical Training And Experience:

List practical experience in actual handling and use of radionuclides and clinical experience in the management of patients receiving radionuclides and/or radiation for diagnostic and therapeutic procedures.

Radionuclide(s)	Location and Date(s)	Type of Use
$Co^{60}$	AGH - 1973 - 1980.	External Beam Radiation Therapy
$Ir^{192}$	AGH 1984 - 1987	IntraCavitary, Interstitial Implants
$Cs^{137}$	AGH 1973 - 80	IntraCavitary Haysmen Capsules
<del><math>Ir^{192}</math></del> $Ir^{125}$	Armstrong County Memorial Hosp. Kittanning 2001 - 2003. (1998 - 2003)	Interstitial Prostate Implants Linear Accelerators.

Signature: \_\_\_\_\_

Date: 1.16.04.

University of Pittsburgh  
Department of Radiation Oncology

## HDR TRAINING RECORD

Device: Nucletron microSelectron HDR Version 2  
License No. 37-00245-02

TRAINEE: PRABHA BANSAL

POSITION: M.D. Radiation Oncologist.

TYPE OF TRAINING	DATE	LOCATION	INSTRUCTOR
Nucletron Training Seminar: 1. HDR equipment operation and design 2. Safety systems and precautions 3. Emergency procedures	10-30-03 10-30-03 10-30-03	Magee Women Hospital (MWH) M. W. H. M. W. H.	David Glessner David Glessner David Glessner
Operational Instruction: 1. Operating, emergency, and quality assurance procedures 2. Radiation safety requirements - use of personnel monitoring, survey instruments, and area monitors 3. NRC license conditions and regulatory requirements 4. Procedures for shipping and receiving the Ir-192 sealed source	1-16-04 1-16-04 1-16-04 1-16-04	Magee Women Hospital (MWH) M. W. H. M. W. H. M. W. H. M. W. H.	Jess Fittan, Ph.D. Jess Fittan, Ph.D. Jess Fittan, Ph.D. Jess Fittan, Ph.D.
Clinical (Hands-on) Training 1. Applications of HDR treatment 2. Participation in 3 cases under supervision of approved device operator 3. Perform dry run of emergency procedures	9/3/03 9/4/03 9/5/03	M. W. H.	Jessa Fittan, Ph.D. Marta Seifer

I certify that I have received the training and instruction on the use and operation of the Nucletron microSelectron HDR as indicated above.

Trainee Signature: 

Date: 1.16.04.

CURRICULUM VITAE

NAME: Prabha Bansal, M.D.  
 DATE OF BIRTH: [REDACTED]  
 BIRTHPLACE: [REDACTED]  
 SOCIAL SECURITY NO: [REDACTED]  
 CITIZENSHIP: [REDACTED]  
 HOME ADDRESS: [REDACTED]

EDUCATION

1951 – 1960 Lal Bagh High School  
 Lucknow, India  
 Matriculation  
  
 1960 – 1962 S.N. Sen College  
 Allahbad University  
 Kanpur, India  
 F.S.C. (Pre-Medical)  
  
 1962 – 1967 Lady Hardinge Medical College  
 Delhi University  
 New Delhi, India  
 M.B.B.S.

POSTGRADUATE TRAINING

1967 – 1968 Rotating Internship  
 Lady Hardinge Medical College  
 New Delhi, India  
  
 1969 – 1970 Rotating Internship  
 St. Paul's Hospital  
 Saskatoon, Canada  
  
 1973 – 1976 Resident in Radiation Oncology  
 Allegheny General Hospital  
 Pittsburgh, Pennsylvania

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

1976 - 1977  
Fellow in Radiation Oncology  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

EMPLOYMENT

Hospital Appointments

1977 - 1980  
Attending, Division of Radiation  
Oncology  
Department of Internal Medicine  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

1980 - 1983  
Associate Attending, Division of  
Radiation Oncology  
Department of Internal Medicine  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

1983 - 1984  
Acting Director, Division of  
Radiation Oncology  
Department of Internal Medicine  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

1984 - 1995  
Senior Attending, Division of  
Radiation Oncology  
Department of Internal Medicine  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

1992 - 1995  
Attending Radiation Oncologist  
Thorn Run Region Oncology Center  
Coraopolis, Pennsylvania

1993 - 1995  
Consulting Radiation Oncologist  
Sewickley Valley Hospital  
Sewickley, Pennsylvania

12/4/95 - 4/16/97  
Medical Director  
Tri-State Cancer Center  
East Liverpool, Ohio

1998 – 2003	Medical Director Armstrong County Memorial Hospital One Nolte Drive Department of Radiation Oncology Pittsburgh, PA 16201
2003 -2004	Staff Radiation Oncologist UPMC Cancer Centers UPMC Cancer Pavilion 5150 Centre Avenue 5 <sup>th</sup> Floor, Room 536-B Pittsburgh, PA 15232
2004	Medical Director UPMC Magee Women's Hospital 300 Halket Street Pittsburgh, Pa 15213
2004 – 10/31/2006	Medical Director UPMC – Natrona Heights 1604 Burtner Road Suite 105 Natrona Heights, PA 15065
11/01/2006 · present	Staff Radiation Oncologist UPMC Cancer Center and The Washington Hospital 155 Wilson Avenue Washington, PA 15301

Hospital Affiliations

1997 – present	UPMC Shadyside Hospital Department of Radiation Oncology 5230 Centre Avenue Pittsburgh, PA 15232
1999 – present	UMPC Presbyterian Department of Radiation Oncology 200 Lothrop Street Pittsburgh, PA 15213

Mercy Hospital of Pittsburgh  
1400 Locust Street  
Pittsburgh, PA 15219-5166

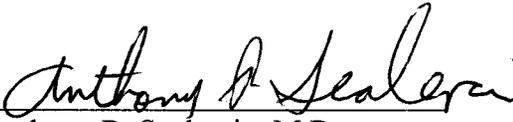
Preceptor Attestation and Signature

License #37-01321-02



This is to certify that Clyde John Schultheis, M.D. has received clinical training and experience at Mercy Hospital, Pittsburgh, PA under my supervision, which included:

Oral NaI-131 requiring a written directive in quantities less than or equal to 1.22 gigabecquerels (33 millicuries).

  
Anthony R. Scalercio, M.D.

Date: 10/24/07

Commonwealth of Pennsylvania  
Department of State  
Bureau of Professional and Occupational Affairs  
PO Box 2649 Harrisburg PA 17105-2649

06 1939

License Type

Medical Physician and Surgeon

License Status

Active

Initial License Da

12/21/1987

CLYDE JOHN SCHULTHEIS

License Number

MD040721E

Expiration Date

12/31/2008

*Basil L. Mevula*

Commissioner of Professional and Occupational Affairs

*Clyde John Schulteis*  
Signature

ALTERATION OF THIS DOCUMENT IS A CRIMINAL OFFENSE UNDER 18 P.S. § 4911

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

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

10/23/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 37-01321-02 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

---

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** 14306.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.