



**MIRO & MCCI**

**Affiliated with 21st Century Oncology**



Jeffrey D. Forman, M.D., FACR, Medical Director

Ahmed E. Ezz, M.D., FRCP

Mark J.R. Fireman, M.D.

Michael J. Katin, M.D., FACP, FACR, FACRO

Kay T. Miller, M.D.

Madhubala C. Patel, M.D.

Nitin G. Vaishampayan, M.D.

Anatoly Zelikov, M.D.

May 28, 2008

United States Nuclear Regulatory Commission – Region III  
Attn: James R. Mullauer, M.H.S.  
Material Licensing Section  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

Re: Amendment to NRC License # 21-26488-01

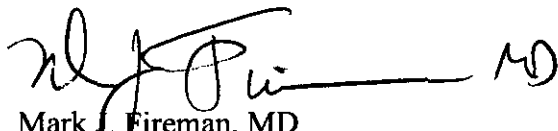
Dear Mr. Mullauer,

I am writing in response to your letter dated May 12, 2006, regarding addition of Mr. Maksud Khatri as an Authorized Medical Physicist. As per your request form 313A along with supporting documents are enclosed herewith for your review.

You will note that Mr. Khatri holds a Master's degree in Medical Physics from Wayne State University, an AAPM accredited program. He is a board certified physicist and has been working in Radiation Oncology Physics since 1995. His experience includes high-energy external beam therapy and brachytherapy.

Should you need any additional information, please contact me at 248-310-0067.

Sincerely,

  
Mark J. Fireman, MD  
Radiation Safety Officer

**RECEIVED JUN 03 2008**

**AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE  
AND PRECEPTOR ATTESTATION  
[10 CFR 35.51]**

APPROVED BY OMB: NO. 3150-0120  
EXPIRES: 10/31/2008

Name of Proposed Authorized Medical Physicist  
MAKSUD G. KHATRI, MS, DABMP

- Requested Authorization(s)** (check all that apply)
- 35.400 Ophthalmic use of strontium-90
  - 35.600 Teletherapy unit(s)
  - 35.600 Remote afterloader unit(s)
  - 35.600 Gamma stereotactic radiosurgery unit(s)

**PART I -- TRAINING AND EXPERIENCE**  
(Select one of the three methods below)

\*Training and Experience, including Board Certification, must have been obtained within the 7 years preceding the date of application or the individual must have obtained related continuing education and experience since the required training and experience was completed. Provide dates, duration, and description of continuing education and experience related to the uses checked above.

- 1. Board Certification**
  - a. Provide a copy of the board certification.
  - b. Go to the table in 3.c. and describe training provider and dates of training for each type of use for which authorization is sought.
  - c. Skip to and complete Part II Preceptor Attestation.
- 2. Current Authorized Medical Physicist Seeking Additional Authorization for use(s) checked above**
  - a. Go to the table in section 3.c. to document training for new device.
  - b. Skip to and complete Part II Preceptor Attestation
- 3. Education, Training, and Experience for Proposed Authorized Medical Physicist**
  - a. Education: Document master's or doctor's degree in physics, medical physics, other physical science, engineering, or applied mathematics from an accredited college or university.

Degree	Major Field
MS	MEDICAL PHYSICS
College or University	
WAYNE STATE UNIVERSITY, DETROIT, MI	

- b. Supervised Full-Time Medical Physics Training and Work Experience in clinical radiation facilities that provide high-energy external beam therapy (photons and electrons with energies greater than or equal to 1 million electron volts) and brachytherapy services.

Yes. Completed 1 year of full-time training in medical physics (for areas identified below) under the supervision of Adib Shamaoun, PhD who meets the requirements for an Authorized Medical Physicist.

**AND**

Yes. Completed 1 year of full-time work experience in medical physics (for areas identified below) under the supervision of Adib Shamaoun, PhD who meets the requirements for an Authorized Medical Physicist.

**AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**3. Education, Training, and Experience for Proposed Authorized Medical Physicist (continued)**

**b. Supervised Full-Time Medical Physics Training and Work Experience (continued)**

*If more than one supervising individual is necessary to document supervised training, provide multiple copies of this page.*

Description of Training/ Experience	Location of Training/License or Permit Number of Training Facility/Medical Devices Used+	Dates of Training*	Dates of Work Experience*
Medical Physics	Wayne State University, Detroit, MI Greshenson Radiation Oncology Center Linear Accelerators, X-Ray Units, Various Dosimetry equipments (Electrometers)	1991 to 1994	1995 to Present
Performing sealed source leak tests and inventories	MIRO Cancer Center, Pontiac, MI License No. 21-26488-01 GM and Well Chamber counter	June 2001 to June 2002	July 2002 to Present
Performing decay corrections	MIRO Cancer Center, Pontiac, MI License No. 21-26488-01	June 2001 to June 2002	July 2002 to Present
Performing full calibration and periodic spot checks of external beam treatment unit(s)	MIRO Cancer Center, Pontiac, MI License No. 21-26488-01 Siemens Primus, Electrometers/Ionization Chambers	June 2001 to June 2002	July 2002 to Present
Performing full calibration and periodic spot checks of stereotactic radiosurgery unit(s)	N/A	June 2001 to June 2002	July 2002 to Present
Performing full calibration and periodic spot checks of remote afterloading unit(s)	MIRO Cancer Center, Pontiac, MI License No. 21-26488-01 Nucletron After Loader, Electrometer/Ionization Chamber	June 2001 to June 2002	July 2002 to Present
Conducting radiation surveys around external beam treatment unit(s), stereotactic radiosurgery unit(s), remote after loading unit(s)	MIRO Cancer Center, Pontiac, MI License No. 21-26488-01 Kiethley Survey Meter	June 2001 to June 2002	July 2002 to Present

Supervising Individual\*\*  
*Adib Shamaoun*  
Adib Shamaoun, PhD  
License/Permit Number listing supervising individual as an authorized Medical Physicist  
License No. 21-26488-01

for the following types of use:

- Remote afterloader unit(s)       Teletherapy unit(s)       Gamma stereotactic radiosurgery unit(s)

+ Training and work experience must be conducted in clinical radiation facilities that provide high-energy external beam therapy (photons and electrons with energies greater than or equal to 1 million electron volts) and brachytherapy services.

\* 1 year of Full-time medical physics training and 1 year of full time work experience cannot be concurrent.

\*\* If the supervising medical physicist is not an authorized medical physicist, the licensee must submit evidence that the supervising medical physicist meets the training and experience requirements in 10 CFR 35.51 and 35.59 for the types of use for which the individual is seeking authorization.

**AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**3. Education, Training, and Experience for Proposed Authorized Medical Physicist (continued)**

c. Describe training provider and dates of training for each type of use for which authorization is sought.

Description of Training	Training Provider and Dates		
	Remote Afterloader	Teletherapy	Gamma Stereotactic Radiosurgery
Hands-on device operation	Adib Shamaoun, PhD June 2001 to June 2002		
Safety procedures for the device use	Adib Shamaoun, PhD June 2001 to June 2002		
Clinical use of the device	Adib Shamaoun, PhD June 2001 to June 2002		
Treatment planning system operation	Adib Shamaoun, PhD June 2001 to June 2002		

Supervising Individual: License/Permit Number listing supervising individual as an authorized Medical Physicist  
If training is provided by Supervising Medical Physicist, (If more than one supervising individual is necessary to document supervised training, provide multiple copies of this page.)

*Adib Shamaoun*

Adib Shamaoun, PhD

License No. 21-26488-01

for the following types of use:

- Remote afterloader unit(s)       Teletherapy unit(s)       Gamma stereotactic radiosurgery unit(s)

If Applicable:

Authorization Sought	Device	Training Provided By	Dates of Training
35.400 Ophthalmic Use of strontium-90			

d. Skip to and complete Part II Preceptor Attestation.

**AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**PART II – PRECEPTOR ATTESTATION**

Note: This part must be completed by the individual's preceptor. The preceptor does not have to be the supervising individual as long as the preceptor provides, directs, or verifies training and experience required. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each.

**First Section**

Check one of the following:

**1. Board Certification**

I attest that \_\_\_\_\_ has satisfactorily completed the requirements in  
Name of Proposed Authorized Medical Physicist  
10 CFR 35.51(a)(1) and (a)(2).

OR

**2. Education, Training, and Experience**

I attest that Maksud G. Khatri has satisfactorily completed the 1-year of full-time  
Name of Proposed Authorized Medical Physicist  
training in medical physics and an additional year of full-time work experience as required by 10 CFR 35.51(b)(1).

AND

**Second Section**

Complete the following:

I attest that Maksud G. Khatri has training for the types of use for which authorization  
Name of Proposed Authorized Medical Physicist  
is sought that include hands-on device operation, safety procedures, clinical use, and the operation of a treatment planning system.

AND

**Third Section**

Complete the following:

I attest that Maksud G. Khatri has achieved a level of competency sufficient to  
Name of Proposed Authorized Medical Physicist  
function independently as an Authorized Medical Physicist for the following:

- 35.400 Ophthalmic use of strontium-90     35.600 Teletherapy unit(s)  
 35.600 Remote afterloader unit(s)     35.600 Gamma stereotactic radiosurgery unit(s)

AND

**Fourth Section**

Complete the following for preceptor attestation and signature:

I meet the requirements in 10 CFR 35.51, or equivalent Agreement State requirements for Authorized Medical Physicist for the following:  
 35.400 Ophthalmic use of strontium-90     35.600 Teletherapy unit(s)  
 35.600 Remote afterloader unit(s)     35.600 Gamma stereotactic radiosurgery unit(s)

Name of Preceptor	Signature	Telephone Number	Date
Adib Shamaoun, PhD	<i>Adib Shamaoun</i>	248-338-0300	05/22/08

License/Permit Number/Facility Name  
License No. 21-26488-01 / MIRO Cancer Center, Pontiac, MI

# Wayne State University

Upon the recommendation of  
The Graduate Faculty of the School of Medicine

the Board of Governors hereby confers upon

Maksud G. Khatri

the degree

Master of Science

in recognition of the achievements  
specified for this degree

December 16, 1993  
Detroit, Michigan



*Daniel Adamany*  
President of the University

*Climentine McLaughlin*  
Secretary, Board of Governors

The American Board of Medical Physics

**ABR**

*Hereby certifies that*

**Maksud G. Khatri, M.S.**

*Has satisfactorily met the professional standards  
and clinical experience requirements  
in medical physics to qualify for*

**Certification in Medical Physics**

*with special competence in*

**Radiation Oncology**



*April 13, 2003*  
DATE

*L. Eisenstein*  
CHAIRPERSON

*Kenneth W. Miller*  
SECRETARY

# The American Board of Radiology

Diagnostic Radiology    Radiation Oncology    Radiologic Physics

Robert R. Hattery, M.D., Executive Director



## The American Board of Radiology Letter of Equivalence in Radiologic Physics

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New York, New York  
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William R. Hendee, Ph.D.  
Milwaukee, Wisconsin  
Bhudatt R. Paliwal, Ph.D.  
Madison, Wisconsin  
Stephen R. Thomas, Ph.D.  
Cincinnati, Ohio

The American Board of Radiology, sponsored by 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, the American Society for Therapeutic Radiology and Oncology, the Association of University Radiologists, and the American Association of Physicists in Medicine, hereby recognizes the equivalency of certification by the American Board of Medical Physics for:

In  
Maksud G. Khatri, MS  
Radiation Oncology Physics  
Expires December 31, 2013

The American Board of Radiology hereby affirms that the above individual has pursued an accepted course of graduate study and clinical experience, has met the required standards and qualifications, and has passed the examinations conducted under the authority of The American Board of Medical Physics.

*R.R. Hattery*  
Robert R. Hattery, M.D.  
Executive Director  
The American Board of Radiology

*William R. Hendee*  
William R. Hendee, PhD  
President  
The American Board of Radiology

Date: July 02, 2003





By Nucletron

# CERTIFICATE OF TRAINING

awarded to

Maksud Khatri, Physicist

for completing the following course:

Brachytherapy Treatment Planning Version 14.3


*At 21st Century Oncology, FT. Myers, FL*

Date

May 14-17, 2007

Presented by:

Nucletron Corporation, 8671 Robert Fulton Drive, Columbia, Maryland

  
Joe Iannitto  
Instructor

Certificate expires two years after last course day

19 MDCB Credits, MDCB Ref # MDCB041561

15.5 Category A CE, ASRT Ref # MD70143008



Michigan Comprehensive Cancer Institute  
Affiliated with 21st Century Oncology

Ann Arbor, MI 48106  
East Lansing, MI 48824

*Return Service Requested*

United States Nuclear Regulatory Commission  
- Region III  
Attn: James R. Mullauer, M.H.S.  
Material Licensing Section  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

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