

# DANBURY HOSPITAL

24 Hospital Ave  
Danbury, CT 06810  
203.739.7182  
DanburyHospital.org

Br. 1

Licensee: Danbury Hospital

License Number: 06-08544-01 103001274

June 22, 2015

Dear Ms. Lanzisera,

Enclosed is additional documentation in support of our previous request to add Dr. Fatejeet Sandhu as an authorized user for 35.1000, Y-90 microspheres. He has attended recent courses (January 2015) based on the NRC licensing guidance for use of SIR-Spheres. These courses included Radiation Physics and Instrumentation, Radiation Protection, Mathematics Pertaining to the Use and Measurement of Radioactivity, and Radiation Biology. He also studied these topics during his residency/fellowship and passed the Physics portion of his boards. He is certified by the American Board of Radiology in Diagnostic Radiology with subspecialty certification in Vascular and Interventional Radiology. He has been continuously employed as a Radiologist since completing his fellowship, meeting all appropriate continuing educational requirements.

Thank you!

Sincerely,



Ruth Shanley, MS, RT (R), RDMS  
Radiation Safety Coordinator  
Western Connecticut Health Network—Danbury Hospital  
24 Hospital Avenue  
Danbury, CT 06810  
v: 203-739-7182 f: 203-739-8944  
[ruth.shanley@wchn.org](mailto:ruth.shanley@wchn.org)

588246 Ref. 586115  
NNCC/RGNI MATERIALS-002

Jeet Sandhu, M.D.  
Continuing Education Pertinent to Radioembolization

Y-90 The Complete Course San Francisco, CA January 11-14, 2015 Topics included Radiation Physics and Instrumentation, Radiation Protection, Mathematics Pertaining to the Use and Measurement of Radioactivity, and Radiation Biology	18.5 hours
Y-90 The Complete Course Prerequisite Work Online Completed April 16, 2015	7.0 hours
The Symposium on Clinical Interventional Oncology Miami, FL January 14-15, 2012	17.5 hours
Emerging Trends in Radioembolization Chicago, IL May 4-5, 2007	13.5 hours
Multiple Society of Interventional Radiology meetings Presentations and topics related to Radioembolization	>10 hours
Radiology Residency with Nuclear Medicine Training Gordon Gamsu, M.D. Residency Director 1987-1991	>100 hours
Passed Physics Section of the Radiology Board Exam	



*The Society of Interventional Radiology  
Certificate of Completion*

Jeet Sandhu

has completed 18.5 hours of course work and successfully passed a formal examination in the following areas during the Society of Interventional Radiology's Y-90: The Complete Course, held January 11-14, 2015, in San Francisco, California. The course content was based upon the Nuclear Regulatory Commission's Microsphere Brachytherapy Sources and Devices, Licensing Guidance - TheraSphere® and SIR-Spheres® Yttrium-90 Microspheres, revised January 2015 as related to Authorized Use (AU) status for intra-arterial Y90 in the treatment of hepatic malignancies.

In witness whereof, we have here unto affixed our signatures Society of Interventional Radiology - Fairfax, Virginia, January 14, 2015

A handwritten signature in black ink, appearing to read 'Matthew S. Johnson'.

Matthew S. Johnson, MD, FSIR  
Indiana University School of Medicine

A handwritten signature in black ink, appearing to read 'Robert J. Lewandowski'.

Robert J. Lewandowski, M.D., FSIR  
Northwestern Memorial Hospital  
Chicago

A handwritten signature in black ink, appearing to read 'Daniel Sze'.

Daniel Sze, M.D., PhD, FSIR  
Stanford University Medical  
Center Stanford, Calif

**Course content of the SIR Y90: The Advanced Course includes the following topic areas:**

## Historical Perspective on Liver Cancer

### State of the Art: Treatment Strategies

- HCC
- Metastatic Colon and Rectal Carcinoma
- Liver Dominant Metastatic Disease
- Hepatobiliary Surgery for Malignancy

### Basic Principles of Radiation Physics for Y-90

- Fundamentals of Radiation Physics and Instrumentation
- Radiation Protection
- Mathematics Pertaining to the Use and Measurement of Radioactivity
- Brachytherapy

### Radiation Biology

- Basic Radiation Concepts
- Radiation Chemistry
- Hepatic Radiation Biology

### Y90 Patient Selection and Outcomes - HCC

- Diagnosis of HCC and Guidelines
- Outcomes of Y90

### Y90 Patient Selection and Outcomes – Metastatic Disease

- Colorectal Cancer
- Neuroendocrine Tumors
- Role of Y90 in Other Primaries

### The Initial Clinic Visit

### Pretreatment Angio and MAA Shunt Study for Y90

### Advanced Angio for Y90

- Complex Anomalies
- Advanced Coil Embolization Strategies
- Mitigating Complications
- Cone Beam CT

### Y90 Dosimetry Simplified

- Mathematical calculations for doses for TheraSphere
- Mathematical calculations for doses for SIR-Sphere

### Comparing Y90 Devices

### AU Requirements

### Health Policy and Economics

- Professional Coding and Reimbursement Strategies
- National Health Policy and Liver Cancer: Where Should Y90 Fit in?

### Radiation Safety Issues Treatment and Follow-up

### Dosimetry

### Advanced Concepts in Y90: Round Table Panel

#### Discussion

- Y90 Re-treatment
- Segmentectomy/Lobectomy
- Adjuvant Chemo Therapy, Metastatic Disease
- Sorafenib and Y90, HCC
- Re-resection Following Y90
- Re-distribution
- Shunt Over 20 Percent and Portal Thrombosis
- Recognizing Radiation Hepatitis
- Managing GI Complaints
- Nuances of Y90 for Neuroendocrine Cancer
- Chemo and Combination Therapy, Metastases

### Practice Models: Strategies for Success

- AU From an Academic Perspective
- AU From a Private Practice Perspective
- Unified Multispecialty Practice
- Benefits of AU Status
- Achieving AU Status

### Novel Concepts in Y90

- Novel Interventional Approaches to Safe Y90 Delivery
- Using Y90 After XRT to the Liver
- Moffitt Cancer Center: Experience with Cholangiocarcinoma and Neuroendocrine Tumors
- Clinical Trials with Y90: Current Status
- Anti-Reflux Catheters

### Review of SIR and ASTRO Consensus Guidelines



## PHYSICIAN PARTICIPANT CERTIFICATE OF CONTINUING EDUCATION

SIR certifies that

**Jeet Sandhu**

participated in the

**SIR 2015 Y-90: The Complete Course**

**January 11-14, 2015  
San Francisco, California**

Jeet Sandhu received a total of **18.50 AMA PRA Category 1 Credits™**.

The Society of Interventional Radiology is accredited by the  
Accreditation Council for Continuing Medical Education (ACCME) to provide Continuing Medical Education for physicians.

The Society of Interventional Radiology designates this enduring material CME activity

for a maximum of **18.50 AMA PRA Category 1 Credits™**.

Physicians should only claim credit commensurate with the extent of their participation in the activity.

*Note: If the recipient of this CME Certificate is not a physician (MD or DO), this certificate is null and void. SIR can only provide AMA PRA Category 1 Credit™ CME Certificates to physicians.*

A handwritten signature in cursive script that reads "Jennifer L. Rowley".

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Jennifer L. Rowley  
Senior Manager, Professional  
Education and Certification

Society of Interventional Radiology | 3975 Fair Ridge Drive, Suite 400 North | Fairfax, VA 22033  
Tel: 703.691.1805 | Fax: 703.691.1855 | E-mail: [CME@SIRweb.org](mailto:CME@SIRweb.org) | [www.SIRweb.org](http://www.SIRweb.org)

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CertificateNumber: 476628C\_U506\_A5278\_O1\_T1



## PHYSICIAN PARTICIPANT CERTIFICATE OF CONTINUING EDUCATION

SIR certifies that

Jeet Sandhu

has received 12.50 SAM credits at the

SIR 2015 Y-90: The Complete Course

January 11-14, 2015  
San Francisco, California

The Society of Interventional Radiology (SIR) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide medical education for physicians.

This program has been approved for 12.5 self-assessment module (SAM) credit by the Society of Interventional Radiology (SIR). SIR is awarded Deemed Status by the American Board of Radiology (ABR). The SAMs offered at this live meeting meet the ABR's criteria for a self-assessment toward the purpose of fulfilling requirements in the ABR Maintenance of Certification (MOC) Program.

Approved: December 1, 2014

The Society of Interventional Radiology designates this educational activity for a maximum of 18.5 *AMA PRA Category 1 Credits™*. These credits have already been calculated in the Y-90: The Complete Course CME Certificate.

*Physicians should claim only the credit commensurate with the extent of their participation in the activity*

**Date of Completion:** January 14, 2015

A handwritten signature in cursive script that reads "Jennifer L. Rowley".

Jennifer Rowley  
Senior Manager of Professional  
Education and Certification

Society of Interventional Radiology | 3975 Fair Ridge Drive, Suite 400 North | Fairfax, VA 22033  
Tel: 703.691.1805 | Fax: 703.691.1855 | E-mail: [CME@SIRweb.org](mailto:CME@SIRweb.org) | [www.SIRweb.org](http://www.SIRweb.org)

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CertificateNumber: 101578C\_U506\_A5278\_O1\_T6

**PHYSICIAN PARTICIPANT  
CERTIFICATE OF CONTINUING EDUCATION**

SIR certifies that

**Jeet Sandhu**

participated in the

**Y-90: The Complete Course Prerequisite Work**

**Completed Thursday, April 16, 2015**

Jeet Sandhu received a total of **7.00 AMA PRA Category 1 Credits™**.

The Society of Interventional Radiology is accredited by the  
Accreditation Council for Continuing Medical Education (ACCME) to provide Continuing Medical Education for physicians.

The Society of Interventional Radiology designates this enduring material CME activity  
for a maximum of 7.00 AMA PRA Category 1 Credits™.

Physicians should only claim credit commensurate with the extent of their participation in the activity.

*Note: If the recipient of this CME Certificate is not a physician (MD or DO), this certificate is null and void. SIR can only provide AMA PRA  
Category 1 Credit™ CME Certificates to physicians.*

*Jennifer L. Rowley*

Jennifer L. Rowley  
Senior Manager, Professional Education  
and Certification

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CertificateNumber: 68569C\_U506\_A4925\_O2\_T1

**PHYSICIAN PARTICIPANT  
CERTIFICATE OF CONTINUING EDUCATION  
Self-Assessment CME (SA-CME)**

SIR certifies that

**Jeet Sandhu**

participated in

**Y-90: The Complete Course Prerequisite Work**

Completed Thursday, April 16, 2015

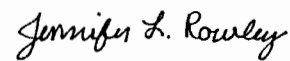
Jeet Sandhu received a total of **7.00 AMA PRA Category 1 Credit(s)**<sup>TM</sup>  
towards the SA-CME requirement of the ABR MOC program.

*This program has been approved for a total of 7.00 SA-CME credits by the Society of Interventional Radiology (SIR). SIR has been awarded Deemed Status by the American Board of Radiology (ABR) to provide SA-CME credits. This educational activity meets the criteria for SA-CME toward the purpose of fulfilling requirements in the ABR Maintenance of Certification (MOC) Program.*

The Society of Interventional Radiology is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide Continuing Medical Education for physicians.

The Society of Interventional Radiology designates this enduring material for a maximum of 7.00 AMA PRA Category 1 Credit(s)<sup>TM</sup>.  
Physicians should claim only the credit commensurate with the extent of their participation in the activity.  
These credits have already been calculated in the CME Certificate for this activity.

*Note: If the recipient of this CME Certificate is not a physician (MD or DO), this certificate is null and void. SIR can only provide CME/SA-CME Certificates to physicians.*



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Jennifer Rowley  
Senior Manager, Professional  
Education and Certification

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CertificateNumber: 397438C\_U506\_A4925\_O2\_T11





UMA ULTIMATE  
MEDICAL  
ACADEMY

CCM is a division of UMA

certifies that

**Jeet Sandhu, M.D.**

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has participated in the live activity titled:

**The Symposium on Clinical Interventional Oncology**

in Miami Beach, Florida on January 14-15, 2012,  
and is awarded 17.5 AMA PRA Category 1 Credits™.

Complete Conference Management is accredited by the Accreditation Council for Continuing Medical Education (ACCME®) to provide continuing medical education for physicians.

**Shaun Samuels, MD**  
Course Director



**Baptist Cardiac &  
Vascular Institute**

MIAMI

**Sarah Gray, MD**  
Director of CME



UMA ULTIMATE  
MEDICAL  
ACADEMY

CCM is a division of UMA



MEDICAL EDUCATION COLLABORATIVE

651 Corporate Circle, Suite 104

Golden, CO 80401

T 303.420.3252 + 1.866.420.3252

F 303.420.3259

www.mecme.org

## Statement of Continuing Professional Education

**Emerging Trends in Radioembolization Using Microspheres**

*was successfully completed by*

**Jeet Sandhu**

Date: 5/4/2007 - 5/5/2007

Location: Chicago, IL

License #:

**Medical Education Collaborative certifies that Jeet Sandhu has participated in the educational activity titled Emerging Trends in Radioembolization Using Microspheres in Chicago, IL on 5/4/2007 - 5/5/2007 and is awarded 13.50 AMA PRA Category 1 Credit(s) (™).**



Stephen Lewis  
President

*Please keep this document for your professional records. Do not send it to your board unless it is specifically requested.*

# 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,  
the American Society for Therapeutic Radiology and Oncology,  
and the Association of University Radiologists*

*Hereby certifies that*

**Hatejeet Singh Sandhu, M.D.**

*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 sixth day of June, 1991*

*Thereby demonstrating to the satisfaction of the Board  
that he is qualified to practice the specialty of*

**Diagnostic Radiology**



*James F. Manning, M.D.*  
President

*Douglas Maynard, M.D.*  
Secretary-Treasurer

*Fenneth L. Fishbein, M.D.*  
Executive Director



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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 acknowledges that*

**Hatejeet Singh Sandhu, MD**

*Has successfully fulfilled the requirements of this Board's  
Maintenance of Certification Program and is certified as a  
Diplomate of the American Board of Radiology*

**Diagnostic Radiology**

with Subspecialty Certification in

**Vascular and Interventional Radiology**



*Phyllis O. Anderson, MD*  
President

*Litha Eichen*  
Secretary-Treasurer

*R.P. Hatten, MD*  
Executive Director



Certificate No. 35276

This 10-year certificate is valid  
through December 31, 2016

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

06/22/2015, and to inform you that the initial processing which includes an administrative review has been performed.

☒ 06-08544-01 (amendment)  
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 588246.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.