



Memorial Sloan Kettering  
Cancer Center

# 7<sup>th</sup> Annual Workshop on Confocal Microscopy for Cutaneous Diagnostics

OCTOBER 6—7, 2024 • IN-PERSON / VIRTUAL

Zuckerman Research Center  
417 East 68th Street, New York, NY

[msk.org/ConfocalCourse](https://msk.org/ConfocalCourse)

# Overview

After the resounding success of the previous six years, we are thrilled to announce the return of our highly anticipated **Workshop on Confocal Microscopy for Cutaneous Diagnostics**.

**Reflectance Confocal Microscopy (RCM)** is a non-invasive device that images skin lesions at high resolution in vivo similar to traditional pathology. It has acquired CPT codes in the United States. This course is tailored for both novices and expert clinicians practicing RCM in clinics. **Ex vivo confocal microscopy (EVCN)** can rapidly image freshly excised tissue (without tissue processing and cutting) and is being explored as an alternative to frozen sectioning for tumor margin assessment and rapid tissue evaluation for dermatology. **The future of noninvasive imaging is in a multimodal approach.** This year, we are proud to introduce lectures focusing on the pivotal role of these cutting-edge devices in dermatology clinics.

For this live course, we have assembled a **distinguished team of confocal experts**, comprising both national and international faculty members. Engaging sessions will feature entertaining Kahoot! quizzes designed to test your understanding and simulate your appetite for learning. Additionally, in-person attendees will have the chance to interact with the course faculty during break sessions, fostering **valuable networking opportunities**.

## Who Should Attend

We invite clinical and non-clinical practitioners, dermatologists, dermatologic surgeons, pathologists, medical physicists, residents, fellows, medical students, researchers, and technologists to attend this program.

This symposium offers participants the choice of attending either in person or virtually.

## DAY 1

### RCM (In Vivo) Sessions and Hands-on RCM & EVCM Workshop

- Basics — Fundamentals of RCM, terminology (based on Delphi-consensus)
- RCM features for non-melanocytic (NML) skin lesions
- RCM features for melanocytic (ML) skin lesions
- Expert panel discussion on practical accepts of clinical integration of RCM
- **RCM and EVCM Hands-on Workshop** — training and testing of imaging acquisition and tissue handling (available to in-person attendees only)

## DAY 2

### RCM Case Discussion, EVCM Sessions, and Novel Multimodal Approach

- RCM Case Discussion: clinical and surgical integration (treatment monitoring)
- EVCM: Introduction, normal skin structures, skin neoplasms (melanocytic and non-melanocytic), inflammatory lesions, and case discussion
- **BONUS SESSION** — Novel noninvasive multi-modal imaging lectures

### Pre-Recorded Videos & Course Syllabus

Attendees will be provided access to a series of pre-recorded videos, which are highly recommended for viewing prior to the live program. These videos cover essential content and insights to enhance your learning experience.

- Tips for image acquisition using confocal devices — Handheld-RCM (HH-RCM), Wide-Probe RCM (WP-RCM), and Ex Vivo Confocal Microscope (EVCM)
- Lentigo maligna margin mapping with handheld-RCM (HH-RCM) device and video mosaicking
- Pearls of EVCM
- Tools to aid image acquisition during Lentigo maligna mapping

In addition, attendees will receive access to a syllabus for three months after the course, which will include recorded videos of the presentations/lectures.



## MSK COURSE DIRECTOR

### **Manu Jain, MD**

Optical Imaging Specialist  
Associate Attending  
Dermatology Service  
Department of Medicine

## INVITED FACULTY

### **Simone Amato, MD**

Resident  
Dermatology Unit  
La Sapienza University  
Rome, Italy

### **Luca Reggiani Bonetti, MD**

Assistant Professor  
Department of Pathologic Anatomy  
University of Modena and Reggio Emilia  
Modena, Italy

### **Lilia Correa, MD**

Associate Professor of Dermatology  
and Cutaneous Surgery;  
Member, Cutaneous Oncology Group  
University of South Florida  
Moffitt Cancer Center  
Tampa, FL

### **Pascale Guitera, MD, PhD**

Professor of Dermatology  
Director of the Sydney Melanoma  
Diagnostic Centre  
Royal Prince Alfred Hospital  
Sydney, Australia

### **Attiya Haroon, MD, PhD, FAAD**

Dermatologist  
Rao Dermatology  
Madera, CA

### **Daniela Hartmann, MD**

Associate Professor  
Department of Dermatology  
and Allergy  
University Hospital  
Munich, Germany

### **Jilliana Monnier, MD, PhD**

Assistant Attending  
La Timone Hospital  
Marseille Cancer Research Centre  
and The Computer Science and  
Systems Laboratory  
Aix-Marseille University  
Marseille, France

### **Cristian Navarrete-Dechent, MD**

Attending Physician  
Melanoma and Skin Cancer Unit  
Department of Dermatology  
Pontificia Universidad Catolica de Chile  
Santiago, Chile

### **Giovanni Pellacani, MD**

Chairman of Dermatology Department  
Sapienza University of Rome  
Rome, Italy

### **Javiera Perez-Anker, MD, MSc, PhD**

Dermatologist and Researcher in  
Imaging Technologies,  
Dermatology Department  
Hospital Clinic de Barcelona,  
Universitat de Barcelona  
Barcelona, Spain

### **Babar Rao, MD, FAAD**

Professor, Rutgers Center for Dermatology  
Associate Professor, Dermatology,  
Weill Cornell Medical School  
Professor, Department of Dermatology  
Rawalpindi Medical University  
New Brunswick, NJ

**Gene Rubinstein, MD**

Dermatology and Laser Centre  
Studio City, CA

**Trilokraj Tejasvi, MD**

Professor  
Director, Cutaneous Lymphoma Program  
Director, Teledermatology Services,  
Faculty Associate, GLOBAL REACH  
Michigan Medicine

## MSK FACULTY

**Kishwer S. Nehal, MD**

Attending

**Milind Rajadhyaksha, PhD**

Attending

**Anthony Rossi, MD**

Assistant Attending

## DEMO & QUIZ FACULTY

**Saud Aleissa, MD, FAAD**

Attending and Assistant Professor  
King Abdulaziz University  
Jeddah, Saudi Arabia

**Hesham Alshaikh, MD**

Mohs Fellow  
Memorial Sloan Kettering Cancer Center  
New York, NY

**Banu Farabi, MD**

Dermatology Resident  
New York Medical College  
Health + Hospital/Metropolitan  
Health + Hospital/South Brooklyn  
New York, NY

**Ucalene Harris, MS**

Clinical Research Associate  
Memorial Sloan Kettering Cancer Center  
New York, NY

**Julia Kahn, MD**

Class of 2025  
New York Medical College School  
of Medicine  
Valhalla, NY

**Miriam Ricanati, BS**

Histology Technician, Dermatology  
Memorial Sloan Kettering Cancer Center  
New York, NY

**Alba Vidal Ruiz, MD**

Resident Dermatology  
Virgen Macarena University Hospital  
Seville, Spain

**Mercedes Sendín, MD**

Dermatologist  
Hospital Universitario Virgen del Rocío  
Seville, Spain



# Schedule


## SUNDAY, OCTOBER 6, 2024

8:00 AM	Registration and Breakfast (In-person Attendees)
8:25 AM	Virtual/Zoom Check-in (Virtual Attendees)
8:30 AM	<b>Introduction and Welcome</b> Manu Jain, MD

### RCM — History, Terminology, and Non-Melanocytic Lesions (NML)

8:40 AM	<b>Pre-test Kahoot! Quiz</b> Jilliana Monnier, MD, PhD Banu Farabi, MD
8:55 AM	<b>History and Fundamentals of RCM</b> Milind Rajadhyaksha, PhD
9:15 AM	<b>RCM Terminology and NML Delphi Consensus</b> Manu Jain, MD
10:30 AM	Break
10:40 AM	<b>Basal Cell Carcinoma</b> Babar Rao, MD, FAAD
11:10 AM	<b>Squamous Cell Carcinoma and Actinic Keratosis</b> Babar Rao, MD, FAAD
11:40 AM	<b>Benign Non-Melanocytic Lesions (SK, SL, LPLK, DF)</b> Manu Jain, MD
12:10 PM	Lunch Break


### RCM — Features of Melanocytic Lesions (ML) with Dermoscopy and Histopathology Correlates

1:10 PM	<b>Nevi</b> Giovanni Pellacani, MD
1:40 PM	<b>Dysplastic Nevi and Melanoma</b> Giovanni Pellacani, MD
2:30 PM	<b>Melanocytic and Non-Melanocytic Kahoot! Quiz</b> Jilliana Monnier, MD, PhD Banu Farabi, MD
2:45 PM	Break
3:00 PM	<b>LM Features and Cases</b> Pascale Guitera, MD, PhD 
3:40 PM	<b>UV-Damage and Photoaging: What We Learn from RCM</b> Giovanni Pellacani, MD

3:55 PM

## PANEL DISCUSSION

### Practice Integration and Billing (Academic & Private)

Manu Jain, MD (MODERATOR)  
Lilia Correa, MD  
Babar Rao, MD, FAAD  
Gene Rubinstein, MD   
Trilokraj Tejasvi, MD

## EVCM & RCM Hands-on Workshop

Complimentary hands-on workshop for in-person attendees to master image acquisition with RCM and EVCM (registration required). Space is limited to allow for maximum interaction between attendees and faculty.

4:40 PM

### In Vivo Workshop

Ucalene Harris, BS  
Manu Jain, MD

### Ex Vivo Workshop

Miriam Ricanati, BS  
Julia Kahn, MD  
Alba Vidal Ruiz, MD

5:40 PM

### Closing Remarks and Adjournment

Manu Jain, MD

## MONDAY, OCTOBER 7, 2024

8:00 AM

Registration and Breakfast (In-person Attendees)

8:25 AM

Virtual/Zoom Check-in (Virtual Attendees)

8:30 AM

### Introduction and Welcome

Manu Jain, MD

## RCM — Case Discussions: Clinical and Surgical



8:40 AM

### Integrating RCM in Dermatology Clinical Workflow: Evaluating Confocal Cases in Real-time

Manu Jain, MD  
Attiya Haroon, MD, PhD, FAAD  
Jilliana Monnier, MD  
Giovanni Pellacani, MD  
Babar Rao, MD, FAAD

10:00 AM

### Integrating RCM in Dermatological Surgery - Clinical

Hesham Alshaikh, MD  
Anthony Rossi, MD  
Simone Amato, MD  
Cristian Navarrete-Dechent, MD   
Kishwer S. Nehal, MD 


10:50 AM

Break

## EVCM — Normal and Non-Melanocytic Lesions (NML)



11:00 AM


### Pre-test Kahoot! Quiz

Alba Vidal Ruiz, MD  
Mercedes Sendín, MD 


11:30 AM	<b>Role of EVCM and Normal Skin</b> Manu Jain, MD
12:00 PM	<b>EVCM Features of Basal Cell Carcinoma</b> Manu Jain, MD
12:30 PM	<b>Squamous Cell Carcinoma</b> Javiera Perez, MD
1:00 PM	Lunch Break

## EVCM — Melanocytic Lesions (ML) and Inflammatory

1:40 PM	<b>Benign Non-melanocytic Lesions</b> Manu Jain, MD
2:10 PM	<b>EVCM Features of Melanocytic Lesions</b> Daniela Hartmann, MD 
2:40 PM	<b>Role of Immunofluorescence in EVCM</b> Daniela Hartmann, MD 

3:00 PM	<b>Post-test Kahoot! Quiz</b> Alba Vidal Ruiz, MD Mercedes Sendin, MD 
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3:10 PM	Break
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3:20 PM	<b>INTERACTIVE CASE DISCUSSION</b> <b>EVCM</b> Daniela Hartmann, MD  Manu Jain, MD Babar Rao, MD, FAAD Javiera Perez, MD
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4:20 PM	Break
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## New Noninvasive Multi-Modal Techniques

4:30 PM	<b>Combined Reflectance confocal microscopy and Optical Coherence Tomography</b> Manu Jain, MD Jilliana Monnier, MD
4:45 PM	<b>Cellular Resolution Full-Field Optical Coherence Tomography (FF-OCT)</b> Manu Jain, MD
5:00 PM	<b>Line-Field Confocal Optical Coherence Tomography (LC-OCT)</b> Babar Rao, MD
5:15 PM	<b>Cross-Sectional Multi-Modality (Cross-MM):</b> Manu Jain, MD
5:30 PM	<b>Closing Remarks and Adjournment</b> Manu Jain, MD



## PRE-RECORDED VIDEOS

### **Tips for Image Acquisition Using Confocal Devices: Handheld-RCM (HH-RCM), Wide-Probe RCM (WP-RCM)**

Ucalene Harris, BS

### **Ex Vivo Confocal Microscope (EVCN) Features of Inflammatory**

Luca Reggiani Bonetti, MD

### **Lentigo Maligna Margin Mapping with Handheld-RCM (HH-RCM) Device and Video Mosaicking**

Saud Alessi, MD

### **Pearls EVCN**

Javiera Perez, MD

### **Tools to Aid Image Acquisition During Lentigo Maligna Mapping**

Cristian Navarrete, MD

## **Accreditation**

Memorial Sloan Kettering Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## **AMA Credit Designation Statement**

Memorial Sloan Kettering Cancer Center designates this other activity (live activity and on demand material) for a maximum of **14.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## **Mitigation of Relevant Financial Relationships**

Memorial Sloan Kettering Cancer Center adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CE activity, including faculty, planners, reviewers or others are required to disclose all relevant financial relationships with ineligible entities (commercial interests). All relevant conflicts of interest have been mitigated prior to the commencement of the activity.



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Register online

[msk.org/ConfocalCourse](https://msk.org/ConfocalCourse)

Registration Fees	Early*	General
Physicians (MDs, PhDs, NDs, and DOs)	\$525	\$575
Advanced Practice Providers	\$425	\$475
Nurses, Techs, and Other Healthcare Providers	\$325	\$375
Residents and Fellows	\$50	\$100
Registrants in Low-and Lower-Middle-Income Countries	Complimentary	
MSK Employees	Complimentary	

**\*Apply promotion code COFERY24 during registration to take advantage of early discounted rates. Offer valid through April 5, 2024.**

**\*\*Employees who are currently employed by a Pharmaceutical and Medical Device company may attend MSK CME activities for their own education. Marketing, sales, and promotion of products and services is strictly prohibited at MSK CME activities.**

This symposium offers participants the choice of attending either in person or virtually. Selection can be made during registration.

**Registrants that Reside and Practice in Low & Lower-Middle Income Countries:** We are pleased to offer complimentary registration to registrants residing in low and lower-middle income countries as defined by The World Bank.

**MSK Alumni and MSK Cancer Alliance Member Discount:** A discounted registration rate is offered to MSK Alumni and MSK Cancer Alliance members for all CME programs at MSK.

**MSK Employees:** MSK employees can register for any CME program on a complimentary basis.



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