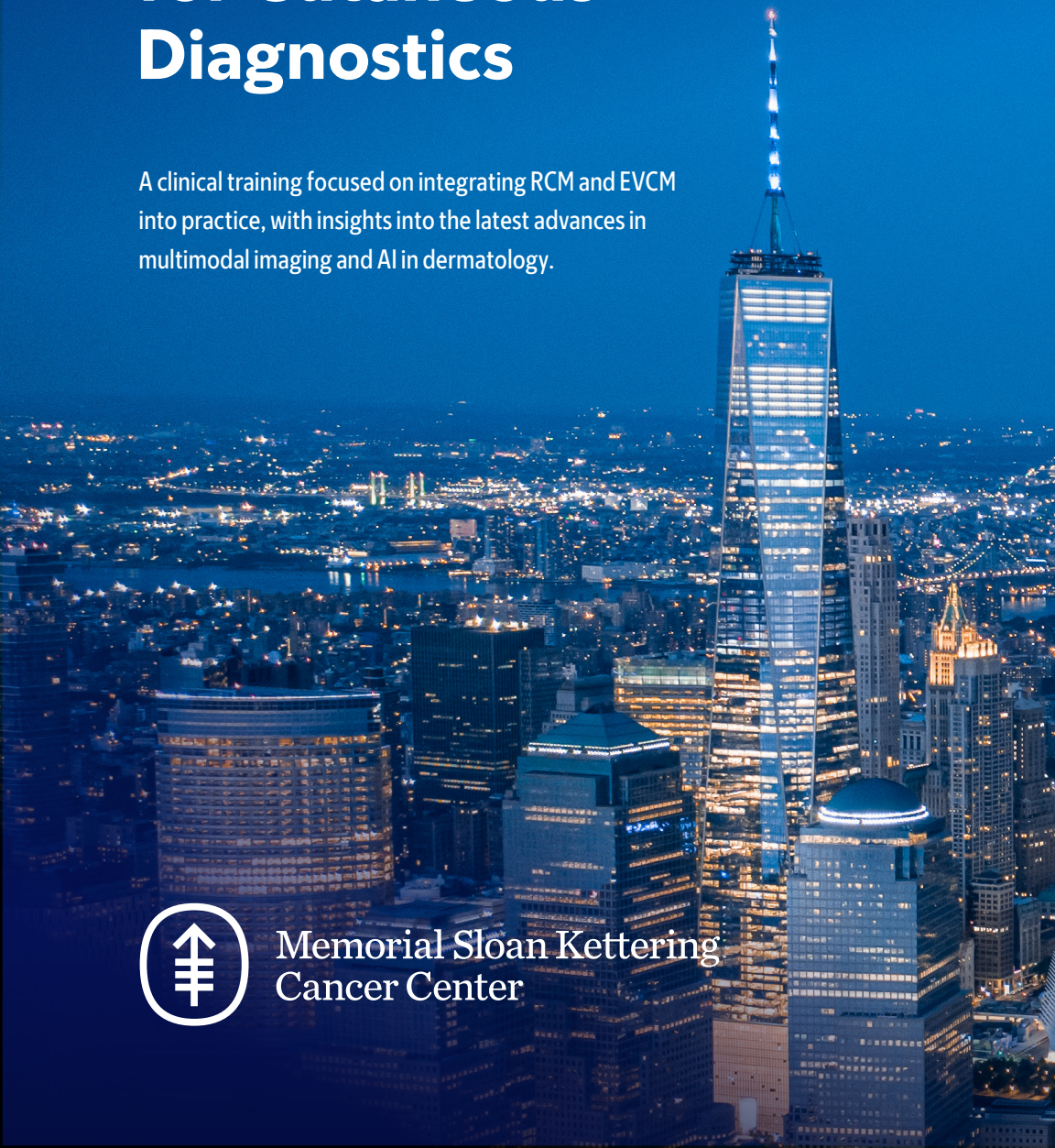
OCTOBER 10—11, 2025

New York City & Virtually

8th Annual Workshop on Confocal Microscopy for Cutaneous Diagnostics

A clinical training focused on integrating RCM and EVCM into practice, with insights into the latest advances in multimodal imaging and AI in dermatology.



Memorial Sloan Kettering Cancer Center

Building on the success of our previous seven workshops, we're excited to invite you to the **8th Annual Workshop on Confocal Microscopy for Cutaneous Diagnostics**. Led by a distinguished faculty of experts, this year's training program focuses on the clinical integration of **Reflectance Confocal Microscopy (RCM)** and **Ex Vivo Confocal Microscopy (EVCM)**, along with emerging multimodal imaging technologies and the evolving role of **Artificial Intelligence (AI)** in dermatology.

Designed for both newcomers and experienced clinicians, the interactive format features didactic lectures, case-based discussions, engaging quizzes, and pre-recorded demonstrations.

We hope you will join us for this dynamic and hands-on educational experience and stay at the forefront of innovation in skin imaging.

MSK Course Director

Manu Jain, MD

Associate Attending Optical Imaging Specialist
Dermatology Service
Department of Medicine
Memorial Sloan Kettering Cancer Center

Overview

Reflectance Confocal Microscopy (RCM)

RCM is a non-invasive imaging modality that provides high-resolution, in vivo images of skin lesions closely resembling conventional histopathology. With the recent assignment of CPT codes in the U.S., RCM continues to gain traction in clinical practice. This course will prepare learners to effectively integrate RCM into dermatologic workflows.

Topics include:

- Fundamentals of RCM: Understanding terminology (Based on Delphi Consensus)
- RCM Features in Non-Melanocytic Lesions
- RCM Features in Melanocytic Lesions
- RCM Applications in Surgical Dermatology
- Practical Considerations for Clinical Integration (Expert Panel Discussion)
- Clinical Case Discussions

Ex Vivo Confocal Microscopy (EVCM)

EVCM allows for rapid imaging of freshly excised tissue without the need for processing or sectioning, making it a promising alternative to frozen sections for tumor margin assessment and real-time dermatologic evaluation.

Topics include:

- EVCM Applications: Normal Skin Structures, Melanocytic and Non-melanocytic Neoplasms, Inflammatory Lesions
- EVCM Case-Based Discussions
- Recent Advances in EVCM

Expanding the Future of Non-Invasive Imaging: Multimodal Devices and AI

The future of non-invasive imaging lies in a multimodal approach that integrates complementary technologies for more comprehensive dermatologic assessment. This year's featured modality is **Line-Field Confocal Optical Coherence Tomography (LC-OCT**) – Highlighting advancements and clinical integration in the U.S. and Europe

Additional modalities to be explored include:

- Full-Field Optical Coherence Tomography (FF-OCT)
- Cross-Sectional Multi-Modality Imaging
- RCM-OCT Hybrid Imaging

We will also introduce the emerging role of Artificial Intelligence (AI) in non-invasive imaging and its application in clinical dermatology.

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 provide a detailed step-by-step guide for image acquisition at the bedside to aid technicians in getting started in clinics. They also include essential tips and pearls from the experts to acquire high-quality images.

Pre-recorded demonstration topics include:

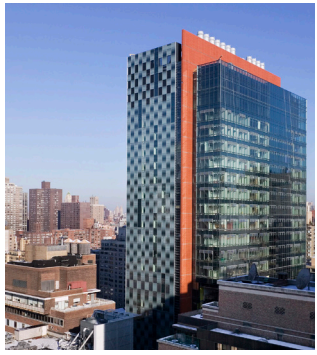
- Tips for Image Acquisition Using Confocal Devices — Handheld-RCM (HH-RCM), Wide-Probe RCM (WP-RCM), and Ex Vivo Confocal Microscope (EVCM)
- Lentigo Maligna Margin Mapping with Handheld-RCM (HH-RCM) Device and Video Mosaicking
- Pearls of Ex Vivo Confocal Microscopy (EVCM)
- Tools to Aid Image Acquisition During Lentigo Maligna Mapping
- Ex Vivo Confocal Microscopy (EVCM) Features of Inflammatory Lesions

In addition to the pre-recorded videos, attendees will receive access to an online syllabus after the course concludes, which will include recorded videos of the presentations/lectures. Attendees must check in during the live program to receive access to the syllabus, and the syllabus will be available for three months after the course.

Target Audience

The target audience for this program includes clinical and non-clinical practitioners, dermatologists, dermatologic surgeons, pathologists, medical physicists, residents, fellows, medical students, researchers, and technologists.

In-person and virtual registration available: Participants may choose to attend the course either on-site at Memorial Sloan Kettering's Zuckerman Research Center or remotely via Zoom.



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

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 live activity for a maximum of **15.50 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Course Faculty

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
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Banu Farabi, MD
Assistant Professor
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New York, NY

Pascale Guitera, MD, PhD
Faculty of Melanoma Institute Australia
and the University of Sydney
Royal Prince Alfred Hospital
Sydney, Australia

Attiya Haroon, MD, PhD, FAAD
Dermatologist
Rao Dermatology
Madera, CA

Daniela Hartmann, MD
Associate Professor, Department of
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Head of Experimental Dermatosurgery Group
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Ludwig Maximilian University of Munich
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; Assistant Professor
Melanoma and Skin Cancer Unit
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Giovanni Pellacani, MD
Chairman of Dermatology Department
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Rome, Italy

Javiera Perez-Anker, MD, MSc, PhD
Researcher in Imaging Technologies
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Attending Optical Engineer
Memorial Sloan Kettering Cancer Center
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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

Quiz Faculty

Mehmet Fatih Atak, MD
Dermatologist
New York Medical College
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Rory Gallagher, AAS
Research Technician
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Julia Kahn, MD
Class of 2025
New York Medical College School of Medicine
Valhalla, NY

Mercedes Sendín, MD
Dermatologist
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Seville, Spain

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 this activity.

Memorial Sloan Kettering Cancer Center

ACCME ACCREDITED WITH COMMENDATION

Schedule

All times indicated in the schedule follow Eastern Time (New York).

Friday, October 10

8:45 AM	Onsite Breakfast and Check-in
9:15 AM	Virtual Zoom Sign On
9:20 AM	**Course Welcome and Introduction** Manu Jain, MD

Reflectance Confocal Microscopy (RCM): History, Terminology, and Non-Melanocytic Lesions

9:30 AM	**Pre-Test Kahoot! Quiz** Banu Farabi, MD Jilliana Monnier, MD, PhD
9:45 AM	**History and Fundamentals of RCM** Milind Rajadhyaksha, PhD
10:05 AM	**RCM Terminology and Non-Melanocytic Lesions Delphi Consensus** Manu Jain, MD
11:20 AM	Break
11:30 AM	**Basal Cell Carcinoma** Babar Rao, MD, FAAD
12:00 PM	**Squamous Cell Carcinoma and Actinic Keratosis** Babar Rao, MD, FAAD
12:30 PM	**Benign Non-Melanocytic Lesions (SK, SL, LPLK, DF)** Manu Jain, MD
1:00 PM	Lunch Break

Reflectance Confocal Microscopy (RCM): Features of Melanocytic Lesions with Dermoscopy and Histopathology

1:50 PM	**Nevi** Giovanni Pellacani, MD
2:20 PM	**Dysplastic Nevi and Melanoma** Giovanni Pellacani, MD
3:10 PM	**Melanocytic and Non-Melanocytic Kahoot! Quiz** Banu Farabi, MD Jilliana Monnier, MD, PhD

Reflectance Confocal Microscopy (RCM): Practice Integration and Billing

3:20 PM — **PANEL DISCUSSION**
Practice Integration and Billing (Academic & Private)
Manu Jain, MD (MODERATOR)
Lilia Correa, MD
Attiya Haroon, MD, PhD, FAAD
Babar Rao, MD, FAAD
Gene Rubinstein, MD

4:20 PM — Break

Reflectance Confocal Microscopy (RCM): Integration in Dermatological Surgery

4:30 PM — **Lentigo Maligna Features and Cases**
Pascale Guitera, MD, PhD

5:00 PM — **CASE-BASED DISCUSSION**
Integrating RCM in Dermatological Surgery - Clinical:
Residual Basal Cell Carcinoma, Lentigo Maligna Margins, and Treatment Monitoring (PDT, Fluorouracil, and Imiquimod)
Cristian Navarrete-Dechent, MD

5:40 PM — **Closing Remarks and Adjourn**
Manu Jain, MD

Saturday, October 11

8:00 AM — Onsite Breakfast

8:25 AM — Virtual Zoom Sign On

8:30 AM — **Day 2 Welcome**
Manu Jain, MD

Reflectance Confocal Microscopy (RCM): Clinical Case Discussion

8:40 AM — **Integrating RCM in Dermatology Clinical Workflow: Real-Time Evaluation of Confocal Cases**
Manu Jain, MD (MODERATOR)
Banu Farabi, MD
Attiya Haroon, MD, PhD, FAAD
Jilliana Monnier, MD, PhD

Ex Vivo Confocal Microscopy (EVCM): Normal and Non-Melanocytic Lesions

10:00 AM	**Pre-Test Kahoot! Quiz** Mehmet Fatih Atak, MD Banu Farabi, MD
10:10 AM	**Role of EVCM and Normal Skin** Manu Jain, MD
10:40 AM	**EVCM Features of Basal Cell Carcinoma** Manu Jain, MD
11:10 AM	**Squamous Cell Carcinoma** Javiera Perez-Anker, MD, MSc, PhD
11:40 AM	Break

Ex Vivo Confocal Microscopy (EVCM): Melanocytic and Inflammatory

11:50 AM	**Benign Non-Melanocytic Lesions** Manu Jain, MD
12:20 PM	**EVCM Features of Melanocytic Lesions** Daniela Hartmann, MD
12:50 PM	**Post-Test Kahoot! Quiz** Julia Kahn, MD Mercedes Sendín, MD
1:00 PM	Lunch Break

Ex Vivo Confocal Microscopy (EVCM): Recent Advances in and Interactive Case Discussion

1:50 PM	**Role of Immunofluorescence in EVCM** Daniela Hartmann, MD
2:10 PM	**Advances in EVCM: AI and New Dyes** Daniela Hartmann, MD Manu Jain, MD
2:40 PM	CASE-BASED DISCUSSION **Ex Vivo Confocal Microscope** Daniela Hartmann, MD Manu Jain, MD Javiera Perez-Anker, MD, MSc, PhD Banu Farabi, MD
3:30 PM	Lunch Break

Multi-Modal Noninvasive Imaging Techniques

3:40 PM **Introduction to Novel Noninvasive Multi-Modal Techniques**
Manu Jain, MD

4:10 PM **Line-Field Confocal Optical Coherence Tomography (LC-OCT) for Neoplastic Lesions**
Javiera Perez-Anker, MD, MSc, PhD

5:30 PM **Line-Field Confocal Optical Coherence Tomography (LC-OCT) for Inflammatory Lesions**
Javiera Perez-Anker, MD, MSc, PhD

6:00 PM **Closing Remarks and Adjourn**
Manu Jain, MD

Pre-Recorded Video Demonstrations

Attendees will receive access to the following pre-recorded video demonstrations in advance of the course. We strongly recommend viewing this content prior to the start of the live event. **Please note that *AMA PRA Category 1 Credit™* is not available for the pre-recorded video demonstrations.**

Tips for Image Acquisition Using Confocal Devices — Handheld-RCM (HH-RCM), Wide-Probe RCM (WP-RCM), and Ex Vivo Confocal Microscope (EVCM)
Ucalene Harris, MS
Manu Jain, MD

Lentigo Maligna Margin Mapping with Handheld-RCM (HH-RCM) Device and Video Mosaicking
Saud Aleissa, MD, FAAD

Pearls of Ex Vivo Confocal Microscopy (EVCM)
Javiera Perez-Anker, MD, MSc, PhD

Tools to Aid Image Acquisition During Lentigo Maligna Mapping
Cristian Navarrete-Dechent, MD

Ex Vivo Confocal Microscopy (EVCM) Features of Inflammatory Lesions
Luca Reggiani Bonetti, MD

Registration

For additional details and registration, scan the QR code or visit:

msk.org/ConfocalCourse

This course offers participants the choice of attending either in person or virtually. In-person registration includes continental breakfast, lunch, and refreshment breaks.

Discounted registration is available for specific groups. If eligible, you will receive further instructions and a promotion code to use during registration.

Early registration fees are available until August 15, 2025.
Use promo code CFEARLY25 during registration.

Registration Fees	Early	General
Physicians (MDs, PhDs, and DOs)	$525	$575
Advanced Practice Providers	$425	$475
Nurses, Techs, and Other Healthcare Providers	$325	$375
Residents and Fellows*	$50	$100
Industry Professionals**	n/a	$1,000
Registrants in Low-and Lower-Middle-Income Countries	Complimentary	
MSK Employees	Complimentary	

*The registration fee for Residents and Fellows is **non-refundable**.
An "industry professional**" is defined as any individual, regardless of their profession type (such as MDs, PhDs, APPs, RNs, etc.) that is employed by an ineligible company.

For additional details, including information on our **cancellation terms**, visit the course website:
msk.org/ConfocalCourse

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