

New York University

Sponsored by **NYU Post Graduate Medical School** and the Department of Radiology

Body Imaging Essentials in Costa Rica

- Thoracic Imaging
- Body Imaging
- Musculoskeletal Imaging
- Screening Focus Session

Guest Faculty

David A. Rubin, M.D., Mallinckrodt Geoffrey D. Rubin, M.D., Stanford

NYU Faculty

Glenn A. Krinsky, M.D. Michael Macari, M.D. David P. Naidich, M.D. Mahvash Rafii, M.D.



SUNDAY, FEBRUARY 2 THROUGH SUNDAY, FEBRUARY 9, 2003

COSTA RICA MARRIOTT, SAN JOSE AND LOS SUENOS MARRIOTT OCEAN & GOLF RESORT

General Information Maging

Participating Faculty

Course Director

Glenn A. Krinsky, M.D.

NYU Faculty

Glenn A. Krinsky, M.D.

Associate Professor of Radiology Chief, Abdominal Imaging

Michael Macari, M.D.

Assistant Professor of Radiology

David P. Naidich, M.D.

Professor of Radiology and Medicine Co-Chief, Thoracic Radiology

Mahvash Rafii, M.D.

Professor of Radiology Chief, Musculoskeletal Radiology Director, Hospital for Joint Disease

Guest Faculty

David A. Rubin, M.D.

Chief, Musculoskeletal Radiology Section Mallinckrodt Institute of Radiology Assistant Professor of Radiology Washington University School of Medicine St. Louis, Missouri

Geoffrey D. Rubin, M.D.

Associate Professor of Radiology Chief of Cardiovascular Imaging Co-Director, 3-D Laboratory Department of Radiology Stanford University School of Medicine Stanford, California



Target Audience

The course is designed and intended primarily for radiologists who are in clinical radiology practice as well as senior residents.

Course Description

This five-day program will review many of the latest developments and practical issues in radiologic imaging including techniques in computed tomography and MRI, chest radiology, abdominal, bone and joint radiology. A special focus session on screening will be featured one morning. An opportunity for questions and discussions on relevant subjects is included. The faculty are respected leaders in their subspecialty fields. The character and intimacy of this meeting will foster the opportunity for valuable dialogue between faculty and registrants.

Educational Objectives

The goal of this course is to update the participants in the newest advances in the technical and clinical aspects of imaging of the body thereby increasing their ability to diagnose a wide range of diseases.

Expected Outcome

It is expected that those attending the course by virtue of hearing and seeing the latest techniques and diagnostics findings in clinical imaging should improve their skills in the diagnosis of disease.

Registration Information

Registration fees are \$825 (discounted fee of \$595 for residents, fellows, NYU School of Medicine alumni, technologists, physicists and M.D.'s employed by the Dept. of Veterans Affairs Med. Ctr. and full-time active military personnel).

An administrative charge of \$50 will be assessed for cancellations made in writing prior to January 1, 2003. Refunds will be possible after this date subject to a \$150 fee.

You may mail or fax the registration form enclosed or register on-line (www.radcme.med.nyu.edu).

In case of questions concerning your registration, contact:

Carmen Escobar at (212) 263-3936 or email carmen.escobar@med.nyu.edu

Questions concerning hotel, air, and the travel package should be directed to:

Travel Planners Inc. at (210) 341-8131 or email NYU@tpires.com

Accreditation

The NYU Post-Graduate Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The NYU Post-Graduate Medical School designates that these continuing medical education activities meet the criteria for credit hours in Category I of the Physician's Recognition Award of the American Medical Association.

20 hours in Category I

Disclosure Statement

The NYU Post-Graduate Medical School adheres to ACCME Standards regarding commercial support of continuing medical education. Disclosure of any commercial relationships as well as off-label or investigational use of any drug, device or procedure by the faculty, will be made known at the course.

Monday • February 3, 2003

THORACIC IMAGING

8:45 a.m.

Moderator: Glenn A. Krinsky, M.D.

Registration and Full American Breakast Buffet 7:00 a.m.

Welcome 7:55 a.m.

Glenn A. Krinsky, M.D.

PRINCIPLES AND ADVANTAGES OF HELICAL 8:00 a.m.

AND MULTI-DETECTOR ROW CT

Geoffrey D. Rubin, M.D.

MULTIDETECTOR CT: TECHNIQUES AND

APPLICATIONS IN THE THORAX

David P. Naidich, M.D.

Coffee Break 9:45 a.m.

CT/MR OF THORACIC AORTIC DISEASE 10:00 a.m.

Glenn A. Krinsky, M.D.

11:00 a.m. **PULMONARY THROMBOEMBOLISM**

David P. Naidich, M.D.

Final Questions and Discussion 12:00 p.m.

Adjourn 12:15 p.m.

TUESDAY • FEBRUARY 4, 2003

TOURS AND TRAVEL TO LOS SUENOS

WEDNESDAY • FEBRUARY 5, 2003

SCREENING FOCUS SESSION

Moderator: David P. Naidich, M.D.

7:00 a.m. Full American Breakfast Buffet

LUNG CANCER SCREENING 7:45 a.m.

David P. Naidich, M.D.

DETECTION OF PRECLINICAL CORONARY 8:45 a.m.

> ATHEROSCLEROSIS WITH CT Geoffrey D. Rubin, M.D.

9:30 a.m. SCREENING FOR COLON CANCER

WITH VIRTUAL COLONOSCOPY

Michael Macari, M.D.

Coffee Break 10:00 a.m.

HRCT: CURRENT CONCEPTS 10:15 a.m.

David P. Naidich, M.D.

MR VENOGRAPHY: THE NEW GOLD STANDARD 11:15 a.m.

Glenn A. Krinsky, M.D.

Final Ouestions and Answers 11:45 a.m.

Noon Adjourn

THURSDAY • FEBRUARY 6, 2003

BODY IMAGING: PART I

Moderator: Michael Macari, M.D.

Full American Breakfast Buffet 7:00 a.m.

7:45 a.m. CT ANGIOGRAPHY OF THE ABDOMINAL

> **AORTA AND ITS BRANCHES** Geoffrey D. Rubin, M.D.

IMAGING OF BLUNT AND PENETRATING 8:30 a.m.

> **ABDOMINAL TRAMA** Michael Macari, M.D.

ABDOMINAL/PELVIC APPLICATIONS OF 9:15 a.m.

OPPOSED-PHASE MR IMAGING

Glenn A. Krinsky, M.D.

Coffee Break 9:45 a.m.

10:00 a.m. **CT OF PANCREATIC NEOPLASMS**

Michael Macari, M.D.

AORTIC ENDOGRAFTS: ISSUES FOR THE IMAGER 10:45 a.m.

Geoffrey D. Rubin, M.D.

Final Questions and Discussion 11:30 a.m.

Adjourn 11:45 a.m.

FRIDAY • FEBRUARY 7, 2003

BODY & MUSCULOSKELETAL IMAGING Moderator: Glenn A. Krinsky, M.D.

Full American Breakfast Buffet 7:00 a.m. **IMAGING OF BOWEL OBSTRUCTION** 7:45 a.m.

Michael Macari, M.D.

8:30 a.m. CT/MR of CIRRHOSIS

Glenn A. Krinsky M.D.

CT OF THE SMALL BOWEL: A PATTERN APPROACH 9:30 a.m.

Michael Macari, M.D.

10:15 a.m. Coffee Break

SHOULDER I: MR ANATOMY AND 10:30 a.m.

> **ROTATOR CUFF** Mahvash Rafii M.D.

MR of Knee Meniscus Disorders 11:00 a.m.

David A. Rubin M.D.

11:45 a.m. **Final Questions and Discussion**

Adjourn 12:00 p.m.

SATURDAY • FEBRUARY 8, 2003

MUSCULOSKELETAL IMAGING

Moderator: Mahvash Rafii, M.D. Full American Breakfast Buffet 7:00 a.m.

MR of Muscle Disorders 7:45 a.m.

David A. Rubin M.D

8:30 a.m. MRI OF THE HIP: OSTEONECROSIS, BONE

MARROW EDEMA AND INSUFFICIENCY

Mahvash Rafii M.D

MR ARTHROGRAPHY OF THE 9:00 a.m.

> WRIST AND ELBOW David A. Rubin M.D

Coffee Break 9:45 a.m.

11:45 a.m.

SHOULDER II: MR ARTHROGRAM AND INSTA-10:00 a.m.

BILITY

Mahvash Rafii M.D.

MR of the Ankle: Techniques, Anatomy, 10:30 a.m.

AND TENDON DISEASE David A. Rubin M.D.

11:15 a.m. MR OF SKELETAL AND SPINAL METASTASIS

Mahvash Rafii M.D.

Final Ouestions and Discussion

Program Evaluation 12:00 p.m.

12:15 p.m. Adjournment – End of Program

Hotel and Air Trave

Travel Planners, Inc. (TPI) is the appointed Travel Coordinator. Registration for the conference will be handled through the Department of Radiology at the NYU Medical Center (212) 263-3936.

Costa Rica

Costa Rica has more ecological preservation, sightseeing and recreational activities per square mile than any other country in the world. More than a quarter of the country is dedicated to national parks and wildlife preserves, while tropical rain forests, active volcanoes, miles of unspoiled beaches, and climatic zones provide visitors with an incredible travel experience. Temperature is an average 80° year round.

Costa Rica Marriott, San Jose

February 2-4 • www.marriotthotels.com



Over four centuries ago, the traditions of the Cacique Indians melded with the regal culture of the Spaniards, forging a timeless bond between the people and a land revered for its fertile earth and stirring vistas of mountains and volcanoes circling the Central Val-

ley. The majestic Costa Rica Marriott Hotel arises from this cherished place on a flourishing 30-acre coffee plantation, capturing the elegance of a 16th century colonial hacienda. Amenities include 24-hour room service, air conditioning, cable television, mini bar, access to a complete fitness facility, tennis courts, driving range, golf pro shop, and 2 pools. Deluxe rooms have been reserved for arrival on Sunday, February 2 to departure on Tuesday, February 4, 2003. Hotel will extend conference rate 3 days prior to main arrival.

Marriott Ocean & Golf Resort, Los Suenos

February 4-9 • www.marriotthotels.com



Nestled between warm Pacific waters and a verdant rain forest teeming with wildlife, Los Suenos Marriott Ocean & Golf Resort captures the region's natural splendor, with the contemporary amenities of a world-class resort. Lazily meandering throughout the

resort, under footbridges, past shade-bearing palms, the freeform horizon pool is the centerpiece of the resort's experience. Deftly carved out of the natural landscape, an 18-hole championship golf course offers not just a challenging Ted Robinson-designed layout, but a spectacular gallery that includes friendly monkeys to brightly hued macaws. In addition, enjoy the lighted tennis courts, a fully equipped fitness center, sauna and spa services, water sports, and a Casino and entertainment center. Deluxe rooms have been reserved for arrival on Tuesday, February 4 and departure on Sunday, February 9, 2003.

Land Arrangements

Price per Person: \$1,495.00 Sharing a twin \$1,175.00 Sharing a triple \$2,425.00 Single occupancy

Price Includes:

- · Airport greeting and hotel transfer on Sunday, February 2 at the Juan Santamaria International Airport to the Costa Rica Marriott.
- · 2 Nights Deluxe accommodations at the Costa Rica Marriott, San Jose, including full American breakfast daily.
- Monday, February 3 San Jose City Tour, including residential areas, city parks, the National Theatre, National Museum and time for shopping in the Moravia District. Bilingual guides and entrance fees included.
- Monday, February 3 Cocktail Reception
- Tuesday, February 4 Transfer from San Jose to the Los Suenos Marriott Ocean & Golf Resort, via deluxe air-conditioned motorcoaches, through the Poas Volcano National Park. The road to the park is one of the most scenic sites in the country with coffee, strawberry, and flower plantations on the way. (A brief stop will be made at Doka Coffee Plantation to see the planting and harvesting process as well as sample some of the world's finest coffees). Poas is a compound volcano with both dormant and active craters, clear water lakes, lush foliage and exotic animal life. Bilingual guides, entrance fees, lunch and refreshments included.
- 5 Nights Deluxe accommodations at the Los Suenos Marriott Ocean & Golf Resort, including full American breakfast
- Farewell Fiesta Party, Saturday, February 8 Traditional Costa Rican feast including buffet, refreshments, and enter-
- Morning Departure (Sunday, February 9) Transportation provided from Los Suenos Marriott to San Jose International Airport to check in for return flights to the US. All return flights should be booked after 2 p.m.
- Travel director in attendance throughout the program.
- All applicable taxes and service charges.

Children under 12, sharing room with parents @ \$425.00, maximum 2 children.

Note: A limited number of ocean view rooms are available at Los Suenos. If you wish to guarantee ocean view accommodations, the additional cost per room for 5 nights including tax and services is \$180. Please indicate your preference on the enclosed Reservation Form.

Optional Tours

All tours are offered daily, Wednesday, February 5 through Saturday, February 8.

- Horseback Riding including wine & cheese at a sunset lookout • 2:00 to 6:00pm • \$67
- Canopy Experience an unparalleled trip that starts with an energizing hike through primary forest to a location high in the trees. Soar over the treetops, looking down and



ng Fssentials in Costa Rica

above at some of the most glorious vistas in the world...while communing with the animal life surrounding you. 1:00 to 4:30pm • \$78 (minors under 15 not permitted.)

- Outrigger Canoeing the newest adventure...an experience full of sun, beautiful seascape and lots of exercise. It's like rafting on the ocean! Paddle with your guide and colleagues from the Agujas River mouth until you reach the calm waters of Leona Bay. Glide past spectacular cliffs filled with frigate birds and pelicans, land on secluded beaches where you can snorkel on the pacific coast of Costa Rica. • 2:00 to 6:00pm • \$68
- Sky Walk in the Forest a rare privilege to enjoy the perspective of birds and animals living in the treetops. More than 120 species of birds have been identified as well as mammals like the Kinkajou, Agoutis, Coatis, Howler Monkeys and more. The one and a half hour walk downhill is mild to moderate, and provides breathtaking views of the ocean and coastline, as well as vegetation and waterways. 1:30 to 5:00pm \$36

Golf Tournament

A golf tournament will be scheduled for Thursday afternoon at Los Suenos; please refer to the Reservation Form to sign up for this tournament.

Airline Information

Special meeting fares have been negotiated by Travel Planners, Inc. offering discounts from all major cities to San Jose, Costa Rica on American and Continental Airlines. TPI meeting fares are not available through a local travel agency or by calling the airlines directly. If you prefer to travel on another airline, TPI will be pleased to book your reservations at the lowest applicable fare. Seats are limited and early bookings are recommended. An air itinerary, fare (including \$45 service fee) and booking policies will be sent for approval prior to ticketing. Benefits: • Frequent flyer enrollment and upgrades processed at no charge • \$200,000 free flight insurance • Advance seat assignments.

Note: A Costa Rica departure tax of \$20 U.S. per person will be collected upon check-in for your return flight.

General Information

Reservations must be in writing accompanied by the appropriate deposit in U.S. funds, drawn on a U.S. bank, made payable to NYU/Travel Planners, Inc. In addition, Visa, MasterCard, and American Express will be accepted for air and land arrangements.

Deadline for Reservations and Final Payments: December 1, 2002.

Documentation: The following pertains to U.S. citizens, adults and children of all ages: Passport (valid at least six months beyond entry date) with no tourist card required—OR—A photo identification card (driver's license), along with an original or certified copy of your birth certificate. If your name has changed, it is necessary to include a copy of the legal document verifying the name change, i.e., marriage license. If using the latter means of documentation, you will be required to purchase a tourist card upon arrival in San Jose (U.S.



\$4.00 per person). Citizens of other countries must check with the nearest consulate office.

Payment: A deposit of \$400 per person is due in order to confirm arrangements.

Changes to confirmed reservations: \$35.

Cancellation: \$50 per person up to November 2, 2002. \$100 per person from November 2–30, 2002. \$500 per person after December 1, 2002 (unless rooms are resold.)

Responsibility

Travel Planners, Inc., New York University Department of Radiology and their agents act only as agents for passengers in all matters pertaining to the purchase and use of hotel accommodations, sightseeing tours, transportation via rail, motor bus, motor car, sea and air. As agents, they contract only with independent contractors whom they reasonably believe to be competent to supply transportation, services, and accommodations offered in this brochure. Your purchase and use of the services described in the brochure shall be your binding contractual agreement that the liability and responsibility of Travel Planners, Inc., New York University Department of Radiology and their agents and employees are limited to exercise of reasonable care in the selection of the independent contractors who provide the services described in the brochure.

selection of the independent contractors who provide the services described in the brochure. Travel Planners, Inc., New York University Department of Radiology and their respective agents and employees expressly disclaim and shall not be held responsible for any act, omission, event, damage, loss, cost, expense, or inconvenience resulting from late arrivals or departures of any mode of transportation, change of schedule or condition, oversold conditions or delays in room occupancy, or any other services provided by these independent contractors and suppliers, including the loss of payments due to supplier insolvency, nor for the loss of, or damage to, baggage or any property belonging to the passenger, nor for any bodily injury, including death, to any person from any cause whatsoever, nor for any damage, loss, responsible for any occurrence or condition beyond their control, including but not limited to acts of God, criminal acts of others, acts of government or other authorities, war, riot, civil disturbance, acts of terrorism, strikes, theft, or defects or breakdown of transportation equipment.

Airlines

Airlines concerned are not to be held responsible for any act, omission, or event during the time passengers are not on board their planes or conveyances. The passenger contract (ticket) in use by the airlines concerned, when issued, shall constitute the sole contract between the airlines and the purchaser of those tours and/or passenger.

Travel Planners, Inc.

7550 IH 10 West, Suite 1300 • San Antonio, TX 78229

Phone: (210) 341-8131 • Fax: (210) 341-5252

E-mail: NYU@tpires.com

Travel & Housing Reservations

NYU Department of Radiology
San Jose, Costa Rica • February 2–9, 2003

Deadline for Reservations and Payment: December 1, 2002

(Meeting Days are Monday, Wednesday, Thursday, Friday and Saturday with Tuesday designated for tours & travel to Los Suenos)

7550 IH 10 Wes	st, Suite 1300, San Anton	io, TX 78	229 • Phone: 210-341-8131 • E-m	ail: NYU@tpires.com	
	First				
Spouse					
Child(ren)	Age Child(ren)Age				
Mailing Address				Office	
City/State/Zip					
Home Phone ()	_ Business Phone ()	Fax ()	
E-mail					
Airline Reservations (Important: Nam	ie(s) as shown above mu	ıst matc	h documentation or the airlines	s will deny boarding.)	
Arrange air from (city)			_to arrive San Jose on (date)	·	
Return from San Jose on (date)	·				
Airline Preference (if any)		Freq	uent Flyer #		
Seating Preference: Window Aisl					
Land Arrangements (Per person) • Fe	bruary 2–9 • Please che	ck appro	opriate box.		
☐ Two adults, sharing a twin @ \$1,495.00 ☐ Three adults, sharing a triple @ \$1,175.00 ☐ Guarantee Deluxe Ocean View at Los St Comments:	uenos Marriott @ \$18o.c	o per ro	oom (Limited Availability)		
If you have special needs, please attach a so	eparate letter.				
Payment Summary					
Land Arrangements					
☐ Deposit		#	persons @ \$400.00	\$	
Optional Tours					
☐ Horseback RidingPreferred					
☐ The Canopy ExperiencePreferred					
☐ Outrigger CanoeingPreferred					
☐ Sky Walk in the ForestPreferred					
☐ Golf Tournament (Thursday Afternoon	 Time to be announced 				
		#	persons @ \$130 (incl. rentals)		
				TAL \$	
☐ Check Enclosed (in U.S. Funds drawn on	a U.S. Bank) made paya	ble to: /	NYU/Travel Planners, Inc.		
☐ Credit Card ☐ Visa ☐ MasterCard	☐ American Express				
Account #			Expiration Date		
Billing Name	Sign	nature_			
I have read and understand the payment a	nd cancellation policies	outline	d in the program information.		
Signature			Date		

Registration Form

Methods of Registration

NYU Radiology Body Imaging in Costa Rica

February 3-8, 2003 (Meeting Dates)

How did you her about this course?



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☐ Journal Ad ☐ Brochure Mailing ☐ Web-site ☐ Word of Mouth	Mailing Form with Check or Credit Card InformationFaxing Form with Credit Card Information		
☐ Other (please specify)	Mail To		
Social Security #	Carmen Escobar NYU Medical Center Department of Radiology 560 1st Avenue, TCH - Room 390 New York, NY 10016-4998		
Name	Fax To		
Address	(212) 263-3959		
Address	In Case of Questions, Contact Carmen Escobar:		
City	Phone: (212) 263-3936 Email: carmen.escobar@med.nyu.edu		
StateZip	Payment by Credit Card		
Day Phone	Card Member's Name (print carefully)		
Fax	- 10		
E-mail	Card #		
	Amount to be Charged: \$		
DegreeSpecialty	Bill to: ☐ Visa ☐ Mastercard ☐ American Express		
Tuition Payment Options (Please Check) Full-Tuition for Physicians Discounted Tuition (see below)	Exp Date: Month/Year/		
□ \$825 □ \$595	Signature (required to process)		
Discounts apply to NYU School of Medicine alumni, former	Confirmation of Course Acceptance:		
and current residents & fellows, technologists, physicists, and M.D.'s employed by the Dep.t of Veterans Affairs Medical Ctr. and full-time active military personnel.	A confirmation will be sent to you by e-mail within 2 weeks of receipt of registration.		
Methods of Payment	Refund Policy:		
☐ Check in U.S. Dollars made payable to: NYU Department of Radiology	An administrative charge of \$50 will be assessed for cancellations made in writing prior to January 1, 2003. Refunds will be possible after this date subject to a \$150 fee. Course Cancellation Policy:		
☐ Credit Card Payment (see right column)			
☐ International Postal Money Order (if more convenient for overseas participants)	In the unusual circumstance that this course is cancelled, two		
(ii more convenient for overseas participants)	weeks' notice will be provided and full tuition refunded. The NYU Post-Graduate Medical School is not responsible for any airfare, hotel or other costs incurred.		



SCHOOL OF MEDICINE



New York University

New York Univeristy School of Medicine Department of Radiology 560 1st Avenue, TCH-HW-231 New York, NY 10016 Body Imaging Essentials in Costa Rica



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The NYU Radiology Department is Expanding Its CME Offerings:

- MRI Clinical State of the Art October 16–18, 2002 New York City
- Spectroscopic & Perfusion MR Workshop October 19–20, 2002 New York City
- 21st Annual CT/MRI: Head to Toe Conference December 16–21, 2002 New York City
- Body Imaging Essentials in Costa Rica February 2–9, 2003 Costa Rica
- Imaging and Advanced Imaging Techniques in Snowmass March 17-21, 2003 Snowmass, Colorado
- Summer Body Imaging Conference * July 14–18, 2003 * Chateau Whistler, B.C., Canada
 NYU Radiology Regionals * Spring/Summer/Fall * Locations throughout New York and New England

Visit our website at www.radcme.med.nyu.edu