

INTERNATIONAL COURSE CARDIOVASCULAR IMAGING 2009

PROGRAM

DIRECTORS OF THE COURSE:

Dr. Erick Alexánder

Dra. Aloha Meave

Points:

Mexican Council of Cardiology

Mexican Council of Radiology and Imaging



International professors:

Dr. Suhny Abbara. Massachusetts General Hospital, Boston MA

Dr. Mathias Friedrich. University of Calgary, Canada

Dr. Jamshid Maddahi UCLA, Los Angeles

Dr. Marco Mazzanti. University Hospital of Ancona, Italy

COURSE OBJECTIVES

Cardiac Imaging is growing fast in Mexico, everyday more and more specialists focus in Cardiac Imaging. The demand of these modalities are growing fast, due that general practitioners and cardiologist are requesting these imaging studies more often, realizing the usefulness and diagnostic facilities these imaging techniques have. Therefore it is important to realize actualization courses, reviewing the principal applications, indications, innovations and, future tendencies of the Method.

The course is designed with the purpose to show the main aspects and advances in cardiovascular Imaging, with special emphasis in the areas of Computed Tomography, Magnetic Resonance, SPECT and PET/CT.

Theoretical sessions will be exposed by national and international professors' expertise in the area of cardiovascular imaging, reviewing the fundamentals of the method and their main applications.

The course will also have practical workshop sessions, which will be guided by experts in the field of cardiovascular imaging.

Erick Alexánderson
Course Director

Aloha Meave
Course Director

Thursday, 4 June

SPECT, PET and Hybrid Equipment

SCHEDULE	SUBJECT	PRESENTER
	Unit 1. Coordinators: Dr. Mario Órnelas Dr. Ursulo Juárez	
8:00 - 8:30	The Importance of Cardiovascular Imaging in Actual Cardiology	Dr. Erick Alexánderson
8:30 - 8:50	Physiological Bases of Myocardial Ischemia and its Clinical Expression	Dr. Eulo Lupi
8:50 - 9:10	Accomplishment and Interpretation of a Study of Myocardial perfusion	Dra. Adriana Puente
9:10 - 9:40	Nuclear Cardiology into the Integrated Imaging. Which Clinical Framework for the Selection of Appropriate Test?	Dr. Marco Mazzanti
9:40 - 9:50	DISCUSSION	
9:50 - 10:10	RECESS	
10:10 - 10:25	INAUGURATION OF THE COURSE	
	Unit 2. Coordinators: Dr. Salvador Hernández Dr. Mauricio López	
10:25 - 10:45	Coronary Atherotrombosis: How To Recognize It?	Dr. Carlos Martínez
10:45 - 11:15	SPECT, PET and CT Competitive or Complementary?	Dr. Jamshid Maddahi
11:15 - 11:45	Prognostic Predictors and Outcomes in Patients with Abnormal Myocardial Perfusion Imaging and Angiographically Insignificant Coronary Artery Disease. Still a risk of CV events?	Dr. Marco Mazzanti
11:45 - 12:15	Clinical Applications of Absolute Quantitation of Myocardial Perfusion	Dr. Jamshid Maddahi
12:15 - 12:25	DISCUSSION	
12:25 - 12:45	RECESS (LUNCH)	
	Unit 3. Coordinators: Dr. Héctor González Dr. Rafael García	
12:45 - 13:05	The Roll of the Imaging in the Emergency Department ¿Anatomy or Perfusion?	Dr. Rodrigo Pale
13:05 - 13:35	Cardiac PET/CT: Present and Future	Dr. Jamshid Maddahi
13:35 - 13:45	DISCUSSION	
13:45 - 14:35	LUNCH	
	Unit 4. Coordinators: Dra. Aloha Meave Dr. Eric Kimura	
14:35 - 15:50	WORKSHOP IN CARDIAC TOMOGRAPHY	Dr. Suhny Abbara

Friday, 5 June

Tomography and Cardiovascular Magnetic resonance

SCHEDULE	SUBJECT	PRESENTER
	Unit I: Cardiac Tomography Coordinators: Dra. Ana Mendizábal Dr. Francisco Castillo	
8:00 – 8:30	Cardiac Anatomy Assessment by Computed Tomography and Magnetic Resonance	Dr. Aloha Meave
8:30 - 8:50	How to realize and interpret a Coronary Computed Tomography Angiography?	Dr. Eric Kimura
8:50 - 9:20	Coronary Computed Tomography: State-of-the-art	Dr. Suhny Abbara
9:20 - 9:40	Patient suspicious of Coronary Artery Disease. Invasive or non invasive Angiography?	Dr. Jorge Gaspar
9:40 - 9:50	DISCUSSION	
9:50 – 10:20	RECESS	
	Unit II: Coordinators: Dra. Martha Morelos Dra. Silvia Siu	
10:20 - 10:50	Cardiac MR in Patients with Acute Syndromes. Acute myocardial Infarction and Myocarditis	Dr. Mathias Friedrich
10:50 - 11:10	Understanding Hypertrophic Miocardiopathy	Dr. José F. Guadalajara
11:10 - 11:40	Tissue Characterization with Cardiac MR	Dr. Mathias Friedrich
11:40 – 12:00	RECESS	
	Unit III: Coordinators: Dra. Lilia Sierra Dra. Martha Hernández	
12:00 – 12:20	CCTA and CMR in Congenic Cardiopathies	Dra. Gabriela Melendez
12:20 – 12:50	The Role of Cardiac MR Compared with other Cardiac Diagnostic Modalities: Present and Future	Dr. Mathias Friedrich
12:50 - 13:20	Cardiac tomography: Beyond the Coronary Arteries	Dr. Suhny Abbara
13:20 – 13:30	CLOSURE	