



DEPARTMENT OF RADIOLOGICAL SERVICES  
UNIVERSITY of CALIFORNIA, IRVINE • SCHOOL OF MEDICINE

RESEARCH  
SEMINAR SERIES  
IN  
RADIOLOGICAL  
SCIENCES



**WHEN: Wednesday July 9, 2014**

**12:00 noon**

**WHERE: LIVE - Irvine Campus: Medical  
Education Bldg., Colloquium 3070**

**TELECAST - UC Irvine Medical Center:  
Radiology Conference Room 0117**

**NOTE: Guest Speaker, will be in Med Ed Colloquium  
3070; video cast will be in UCIMC Radiology Conference  
Room 0117**

**Speaker: Dr. Wen-Jeng Lee, MD**

**Title: “Low-Dose CT Screening of  
Physicians For Coronary Calcium  
and Lung Cancer – NTUH  
Experience”**

**Abstract:**

Coronary artery disease and lung cancer are the leading causes of death in the world. It is desirable to detect disease in the early stage to reduce the treatment cost and morbidity associated with advanced disease. Low-dose CT is a promising technology for early detection of both coronary artery disease and lung cancer. However, the use of this examination for screening asymptomatic

subjects is not well accepted by the medical professionals.

National Taiwan University Hospital employs over 6,000 workers, has 2,400-odd beds and serves over 8,000 outpatients daily. Recently, two famous surgeons in our hospital suffered from heart attack which raised concern about the health status of our busy physicians. In response to these events, our hospital organized a CT screening program for all the full-time physicians over 45 years of age. After the screening program, we found a surprisingly high number of asymptomatic physicians with coronary artery diseases and lung cancers. In this talk, I will share the experience and results of low-dose CT screening for coronary calcium and lung cancer in our hospital.

## About the Presenter:

Dr. Lee received his MD degree from National Taiwan University, which is located in the capital of Taipei and is the top university hospital in the island nation. It is extremely difficult to gain entry, and selection is based primarily on a national exam covering a broad array of subjects in the sciences, English language, and history. Upon graduation, Dr. Lee remained in Taipei for radiology residency at National Taiwan University. After becoming board certified, while serving as faculty at the university, Dr. Lee also pursued a PhD in electrical engineering which he completed in 2012. During this time, Dr. Lee also served as a deputy secretary general of the Radiological society of the Republic of China, which is the Taiwan equivalent of the RSNA and ARRS. Between 2011 and 2013, he served as an auditor for the Asian society of Cardiovascular imaging, and in 2014, he was selected as co-chair of the Cardiovascular CT regional committee. Dr. Lee has over 50 publications and specializes in cardiovascular radiology.

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