

RESEARCH
SEMINAR SERIES
IN
RADIOLOGICAL
SCIENCES



WHEN: Wednesday September 10, 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: Jonathan M. Tobis, M.D.
Professor of Cardiology, UCLA**

Title: “Percutaneous Treatment of Mitral Regurgitation “

About the Presenter:

Emeritus Professor of Medicine in Cardiology at UCLA, Prior Director of Interventional Cardiology
Director of Interventional Cardiology Fellowship Program

Born December 31, 1947 Brooklyn, New York
graduated from Amherst College, Honors in Chemistry 1969
Albert Einstein College of Medicine 1973

Residency Training in New York and University Of California, Irvine 1973-1976
Fellowship in Cardiology, University of California, Irvine 1977-1978
1978-1999 Assistant, Associate, and Professor of Medicine in Cardiology at UC Irvine

1999-2014: Clinical Professor of Medicine in Cardiology at UCLA, David Geffen School of Medicine

Summary of Research Areas:

Dr. Tobis helped to develop one of the first mechanically rotating intravascular ultrasound imaging devices which aids our understanding of coronary pathophysiology and the mechanism of action of multiple devices used in interventional cardiology. In collaboration with Antonio Colombo, IVUS technology helped to explain the high incidence of sub acute thrombosis during the early experience with intracoronary stents. This led to the use of larger balloons and higher pressures with decreased sub acute stent thrombosis and permitted a dramatic increase in the use of coronary stents for angioplasty. He is the coauthor with Paul Yock of the textbook, "Intravascular Ultrasound Imaging" and with Antonio Colombo for "Techniques in Coronary Artery Stenting".

Current Areas of Interest:

Complex coronary angioplasty, alcohol septal ablation for reduction of muscular hypertrophy in patients with hypertrophic cardiomyopathy, percutaneous closure of atrial septal defects or patent foramen ovale, mitral balloon valvuloplasty. Our treatment of patients with cryptogenic stroke and patent foramen ovale has led to a recognition that migraine headaches are increased in this population and that closure of the PFO results in a dramatic reduction in the incidence of severe migraine headaches. These observations form the basis for a multicenter clinical trial, called PREMIUM. Dr. Tobis is on the steering committee of this national trial that will determine whether percutaneous closure of PFO is a safe and effective treatment for migraine headaches. He is currently working part-time as a Proctor for a company that is developing a percutaneous method of treating functional mitral regurgitation.

Jonathan Tobis is a Professor of Medicine at UCLA and the Director Interventional Cardiology Research. He was a member of the Board of Trustees of the Society of Cardiac Angiography and Interventions. In addition to performing complex coronary angioplasty, Dr. Tobis is involved in the catheter-based treatment of structural heart disease, including closure of patent foramen ovale, atrial septal defect, left atrial appendage, and valvular heart disease.

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