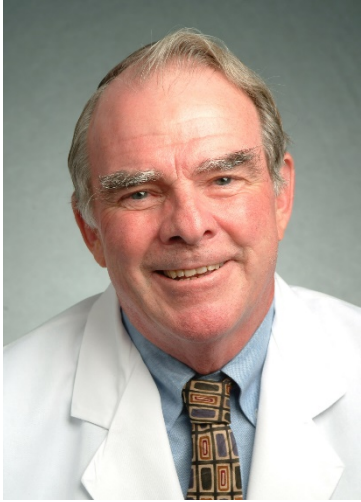


**CALIFORNIA THORACIC SOCIETY
SOUTHERN CALIFORNIA
ANNUAL EDUCATIONAL CONFERENCE**

**ADVANCES IN DIAGNOSIS AND
MANAGEMENT OF PLEURAL
DISEASES**

**SATURDAY AFTERNOON
OCTOBER 5, 2019**



Pleural disease: Review of Anatomy, Physiology and Pleural Fluid Analysis

**Richard Light, MD
Vanderbilt University**

Saturday, October 5, 2019 – 1:00 p.m. – 1:30 p.m.

Professor Richard Light was born in Steamboat Springs, Colorado, the son of a fox and mink farmer. He then attended medical school at Johns Hopkins University, USA from 1964 to 1968 and subsequently did his training in internal medicine and pulmonary diseases at that institution. He then spent nearly 20 years at the University of California Irvine, USA where his positions included Chief of the Pulmonary Diseases Section and Associate Chief of Staff for Research at the Veterans Administration Hospital in Long Beach. Dr. Light moved to Vanderbilt University, USA 22 years ago and is presently Professor of Medicine at Vanderbilt University in Nashville, Tennessee.

Dr. Light is best known for his research on pleural disease. He developed Light's criteria for the separation of transudates and exudates in 1972. Subsequently, he has published many papers concerning the pathogenesis, diagnosis, and management of pleural disease. Dr. Light is the editor of 16 books of which the two most famous are the single authored monograph *Pleural Diseases*, which is now in its sixth edition, and *The Textbook of Pleural Disease*, which he edits in conjunction with Dr. YC Gary Lee and is in its third edition. Dr. Light has been an author on more than 450 articles and has spoken in 57 countries.



Pleural Diagnostic Interventions: Update on Thoracentesis, Manometry, and Pleuroscopy

**Yaron Gesthalter, MD
University of California
San Francisco**

Saturday, October 5, 2019 – 1:30 p.m. –2:00 p.m.

Dr. Yaron B. Gesthalter is an Assistant Professor in the Division of Pulmonary, Sleep & Critical Care at the University of California San Francisco. He received his medical degree from the Sackler School of Medicine in Israel and completed an Internal Medicine residency at Yale followed by a Pulmonary & Critical Care fellowship at Boston University. He then went on to complete additional training in Interventional Pulmonary Medicine at Harvard. He is a member of The Thoracic Oncology Program where his practice focuses on the management of patients with complex airway and pleural disease.



Management of Complicated Pleural Effusion and Empyema

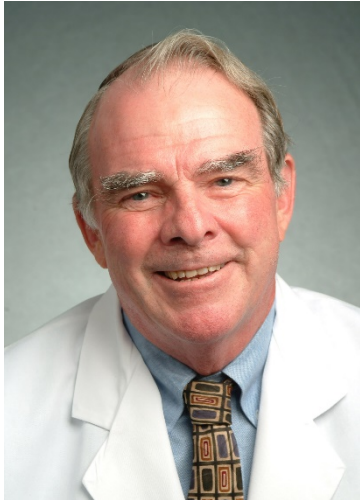
**Steve Escobar, MD
Scripps Clinic**

Saturday, October 5, 2019 – 2:00 p.m. – 2:30 p.m.

Dr. Steve Escobar received his medical degree from Uniformed Services University of the Health Sciences. He completed his postgraduate medical education at Naval Medical Center San Diego and ultimately retired from the US Navy. He is currently working at Scripps Hospitals in La Jolla, California performing advanced diagnostic and therapeutic pulmonary/pleural procedures.

BREAK AND EXHIBITS

Saturday, October 5, 2019 – 2:30 p.m. – 2:50 p.m.



Evaluation and Management of Spontaneous and Secondary Pneumothorax

**Richard Light, MD
Vanderbilt University**

Saturday, October 5, 2019 – 2:50 p.m. – 3:20 p.m.

Professor Richard Light was born in Steamboat Springs, Colorado, the son of a fox and mink farmer. He then attended medical school at Johns Hopkins University, USA from 1964 to 1968 and subsequently did his training in internal medicine and pulmonary diseases at that institution. He then spent nearly 20 years at the University of California Irvine, USA where his positions included Chief of the Pulmonary Diseases Section and Associate Chief of Staff for Research at the Veterans Administration Hospital in Long Beach. Dr. Light moved to Vanderbilt University, USA 22 years ago and is presently Professor of Medicine at Vanderbilt University in Nashville, Tennessee.

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Management of Recurrent Malignant Pleural Effusions

Ara Chrissian, MD
Loma Linda University

Saturday, October 5, 2019 – 3:20 p.m. –3:50 p.m.

Dr. Chrissian received his medical degree from the University of California, San Diego. He completed fellowship in Pulmonary and Critical Care Medicine at Washington University, St. Louis and dedicated subspecialty training in Interventional Pulmonology at Henry Ford Hospital in Detroit. He is currently the Director of Adult Bronchoscopy and Interventional Pulmonology at Loma Linda University Medical Center, where he also serves as Associate Professor of Medicine and an Associate Director for the Pulmonary and Critical Care Fellowship. In addition to a busy clinical practice, Dr. Chrissian is heavily involved in medical education.

Management of Non-Malignant Recurrent Pleural Effusions (including Rare Pleural

Diseases: Chylothorax, Urinothorax, Hepatic Hydrothorax, and Pancreatic Fistula Effusions)



**Ara Chrissian, MD
Loma Linda University**

Saturday, October 5, 2019 – 3:50 p.m. – 4:10 p.m.

Dr. Chrissian received his medical degree from the University of California, San Diego. He completed fellowship in Pulmonary and Critical Care Medicine at Washington University, St. Louis and dedicated subspecialty training in Interventional Pulmonology at Henry Ford Hospital in Detroit. He is currently the Director of Adult Bronchoscopy and Interventional Pulmonology at Loma Linda University Medical Center, where he also serves as Associate Professor of Medicine and an Associate Director for the Pulmonary and Critical Care Fellowship. In addition to a busy clinical practice, Dr. Chrissian is heavily involved in medical education.



Updates on Mesothelioma in 2019

**Yaron Gesthalter, MD
University of California
San Francisco**

Saturday, October 5, 2019 – 4:10 p.m. – 4:35 p.m.

Dr. Yaron B. Gesthalter is an Assistant Professor in the Division of Pulmonary, Sleep & Critical Care at the University of California San Francisco. He received his medical degree from the Sackler School of Medicine in Israel and completed an Internal Medicine residency at Yale followed by a Pulmonary & Critical Care fellowship at Boston University. He then went on to complete additional training in Interventional Pulmonary Medicine at Harvard. He is a member of The Thoracic Oncology Program where his practice focuses on the management of patients with complex airway and pleural disease.

CLOSING, POST TEST AND BREAK

Shazia Jamil, MD
Scripps Clinic
University of California San Diego

Saturday, October 5, 2019 – 4:35 p.m. – 4:50 p.m.

Pleural Procedures and Hands on Session

**Moderators: Laren Tan, MD, Shazia Jamil, MD,
Jason Lee, MD, Ara Chrissian, MD,
Steve Escobar, MD, and Yaron Gesthalter, MD**

Saturday, October 5, 2019 – 4:50 p.m. – 6:45 p.m.

SESSIONS:

- 1. Ultrasound-Guided Thoracentesis – Hands on, audience participation**
- 2. Pleural Manometry – Hands on, audience participation**
- 3. Tunneled Indwelling Pleural Catheter Placement – Hands on, audience participation**
- 4. Small Bore and Standard Thoracostomy Tube Placement – Hands on, audience participation**