

Department of Medical Imaging Visiting Professor

Dr. Savvas Nicolaou, MD, FRCPC

October 22-23, 2018

**“Dual Energy/Spectral CT - The New Frontier of Acute CT Imaging:
A World of Colours”**



Dr. Savvas Nicolaou is the Director of Emergency and Trauma Imaging at Vancouver General Hospital, as well as a Professor of Radiology at the University of British Columbia. He is also the UBC Vice Chair of Undergraduate Education and Continuous Professional Development. He completed his medical degree at the University of Toronto, and residency in Diagnostic Radiology at University of British Columbia.

Dr. Nicolaou continues to contribute to the field of emergency radiology, publishing over 150 articles and over 400 abstracts in peer-reviewed journals. Dr. Nicolaou's enormous contributions to Emergency radiology will be recognized by The American Society of Emergency Radiology making Dr. Nicolaou the first ever Canadian Fellow of the society where this prestigious award will be bestowed upon him at the annual ASER meeting 2018 in Washington DC.

Using state-of-the-art imaging technology, he is investigating ways to develop faster, safer, and more sensitive methods for diagnosing patients in the acute care setting. The major focus of his research is on Ultra Low dose techniques in the acute setting, Dual Energy CT in the acute setting, Polytrauma Imaging, Brain Perfusion in trauma, the role of MRI in the acute setting, as well as Artificial Intelligence in the acute setting.

Learning Objectives:

1. To outline the applications and novel techniques implemented using dual energy CT illustrated with clinical examples
2. Liver VNC – 3 material decomposition – Vascular – Thoracic, Abdominal, Neuroradiology applications
3. MSK – Bone marrow edema, tendon/ligament analysis
4. Stones Analysis – Material separation and highlighting
5. MonoEnergetic Imaging – Image improvement and metal artifact reduction

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada and approved by Continuing Professional Development, Schulich School of Medicine & Dentistry, Western University (1 hour).

Each participant should claim only those hours of credit that he/she actually spent participating in the educational program. This program has no commercial support.

Schedule for Monday, October 22, 2018

Morning Rounds

Time: 9:00 - 11:30 am

Location: London Health Sciences Centre, University Hospital, Room C2-210

Residents' Luncheon

Time: 12:00 – 1:00 pm

Location: London Health Sciences Centre, University Hospital, Room C2-210

Afternoon Rounds

Time: 2:00-4:00 pm

Location: St. Joseph's Health Care, Wilkins Library, Room C0-248

Monday Evening Lecture

(RSVP by October 11th, 2018 to alicia.harrison@lhsc.on.ca)

Location: Ivey Spencer Leadership Centre

6:00 – 7:00 pm: Lecture – “Dual Energy/Spectral CT – The New Frontier of Acute CT Imaging – A World of Colours”

Location: Elm Room

Chair: Dr. Roya Etemad-Rezai

7:00 - 9:00 pm: Cocktails followed by Dinner

Location: Private Spencers

Schedule for Tuesday, October 23, 2018

Morning Rounds

Time: 9:00 – 11:00 am

Location: London Health Sciences Centre, Victoria Hospital, Room C1-604

Residents' Luncheon

Time: 12:00 – 1:00 pm

Location: London Health Sciences Centre, Victoria Hospital, Room C1-604



