OAR CME
Leading the way for DI learning

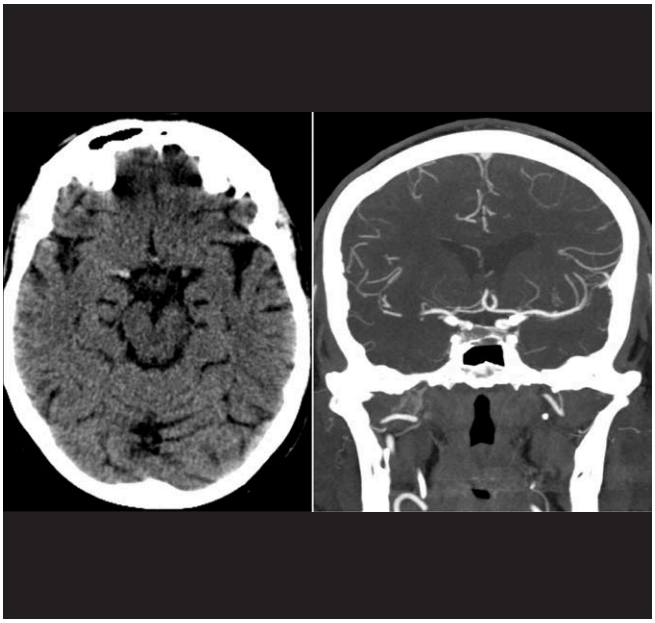
Live Webcast Brochure

Updated Neuroimaging for Acute Ischemic Stroke:
Practical Information for Community Radiologists

Saturday, January 25, 2020

Course Director and Keynote Speaker: Timo Krings, MD, PhD, FRCPC

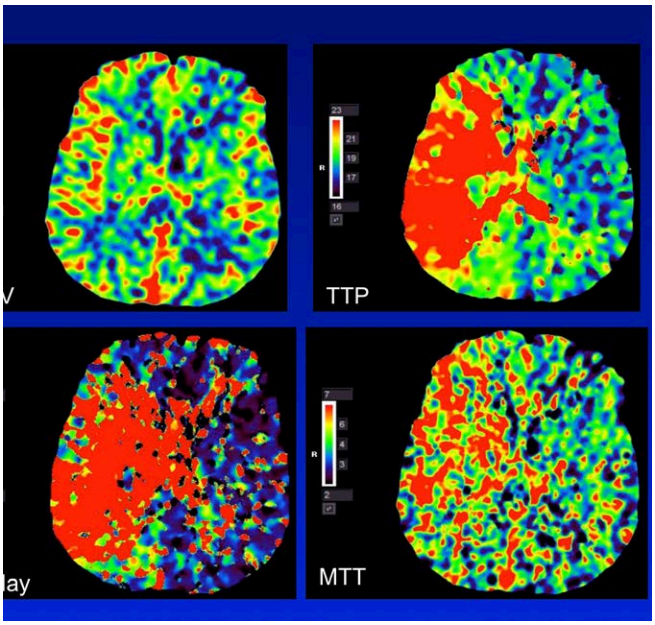
Target Audience: Radiologists, Diagnostic Imaging Residents and Fellows and Medical Radiation Technologists

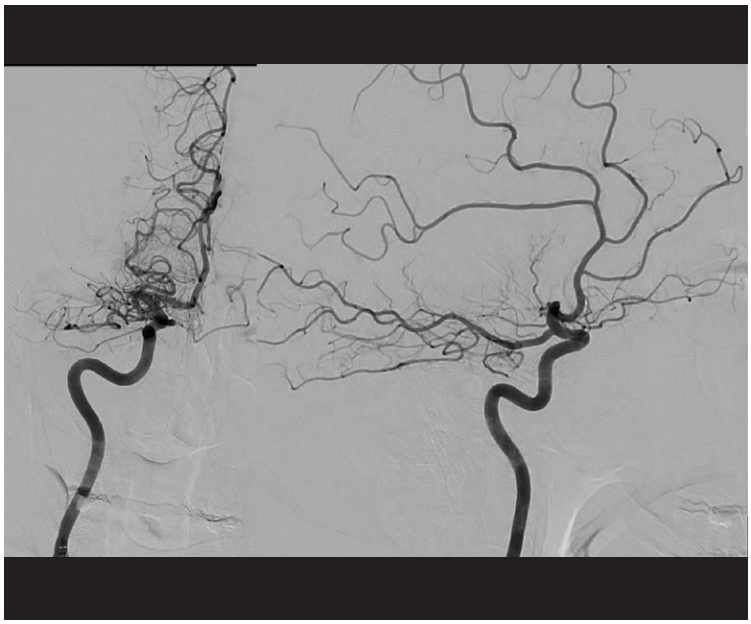


Course Objectives:

At the end of this event, participants should be able to:

- Assess the imaging strategies for ischemic stroke
- Identify both common and uncommon types of ischemic stroke
- Apply current imaging techniques and modalities for determining tissue at risk in acute ischemic stroke
- Review recent trials of acute ischemic stroke
- Distinguish between ischemic strokes and stroke mimickers
  - » The CanMed roles being addressed in the course are Medical Expert and Scholar





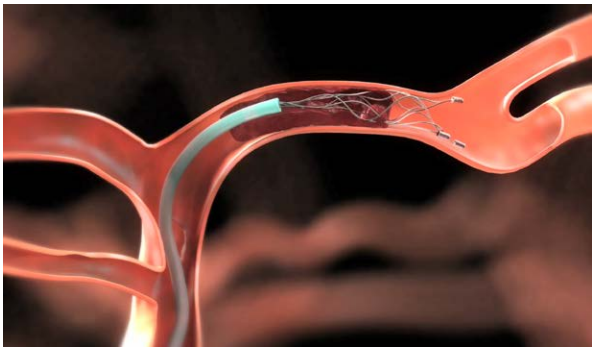
245 Lakeshore Road East, Oakville, ON L6J 1H9 | Tel: (905) 337-2680 | Fax: (905) 337-2678 | E-mail: mail@oarinfo.ca

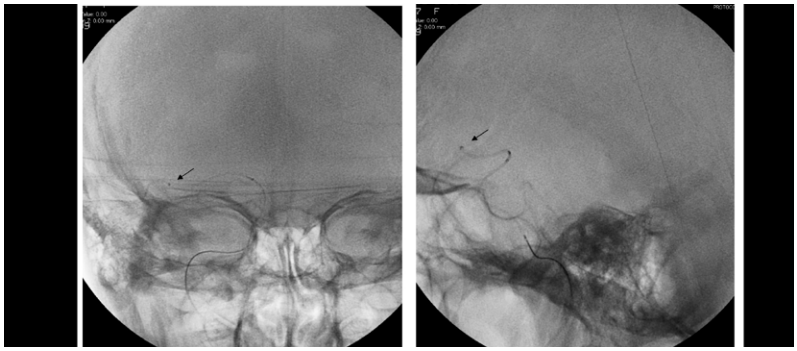
Schedule: Updated Neuroimaging for Acute Ischemic Stroke

Note: Most lectures contain 5 minutes of interactive Q&A using an ARS (audience response system) except for the 45-minute lectures, which contain 10 minutes of interactive Q & A and Case-study Interactive Workshops, which are more than 50% interactive Q & A.

07:00 – 07:45	**Registration & Hot Breakfast**
07:45 – 07:55	**Welcome and Opening Remarks** *Dr. Giuseppe Tarulli*
07:55 – 08:00	**Review of Course Objectives** *Dr. Timo Krings*
08:00 – 08:45	**Ischemic Stroke: A Clinical Primer** *Dr. Timo Krings*
08:45 – 09:15	**History and Evolution of Acute Stroke Treatment – An Updated Overview of Studies** *Dr. Patrick Nicholson*
09:15 – 10:00	**Imaging in Acute Ischemic Stroke — The Latest Developments** *Dr. Timo Krings*
10:00 – 10:20	**Q & A Panel Discussion** *Drs. Timo Krings and Patrick Nicholson*
10:20 – 10:40	**Morning Break**
10:40 – 11:40	**Interactive Workshop 1: Case Presentation – How Do I Report? What Do I Need to Report?** *Dr. Aditya Bharatha*
11:40 – 11:50	**Q & A Session**
11:50 – 12:45	**Lunch**
12:45 – 13:30	**Basic Techniques of Stroke Treatment & Training Guidelines** *Dr. Vitor Pereira*
13:30 – 14:15	**Recent Trials & Future Directions and Their Impact on Stroke Care** *Dr. Vitor Pereira*
14:15 – 14:30	**Q & A Session**
14:30 – 14:50	**Afternoon Break**
14:50 – 15:20	**Stroke System Organization: What's New?** *Dr. Timo Krings*
15:20 – 16:50	**Interactive Workshop 2: Case Presentation – Conditions Mimicking Stroke** *Dr. Timo Krings*
16:50 – 17:00	**Final Q & A Session**

This program was developed in response to past OAR CME Evaluation Form Summaries and specific requests to the OAR office requesting another Stroke CME event.





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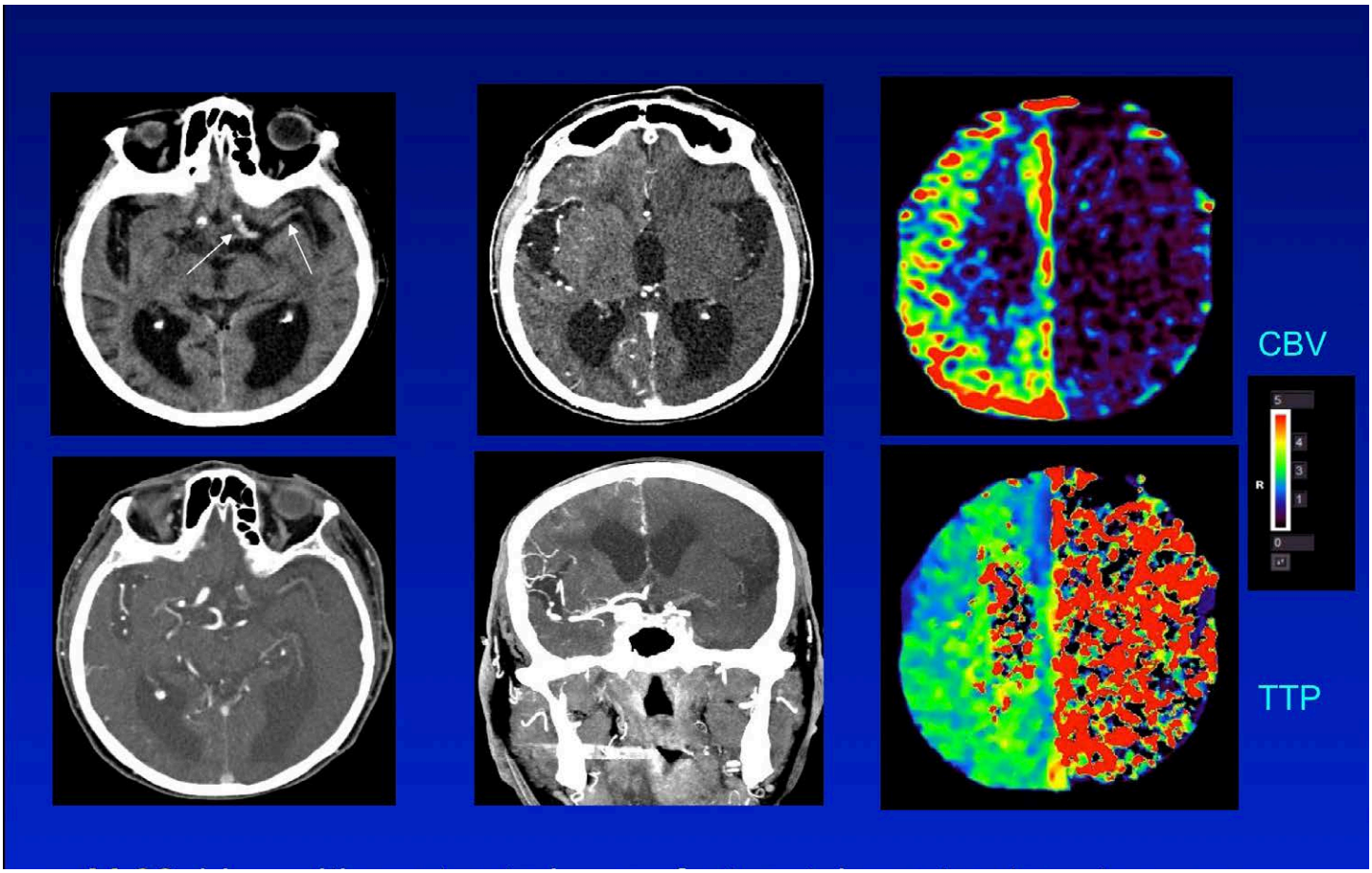
Course Director and Keynote Speaker

Dr. Timo Krings, MD, PhD, FRCPC

Dr. Krings studied medicine in Aachen, Germany and at Harvard Medical School in Boston. After residency training in Neuroradiology in Aachen with Professor Armin Thron, he completed a neurointerventional fellowship with Professor Pierre Lasjaunias in Paris, France and subsequently joined the Neuroradiology division of the University of Toronto as a diagnostic and interventional Neuroradiologist in 2008. He is currently cross-appointed to Radiology and Neurosurgery at UHN and as an interventional Neuroradiologist at the Hospital for Sick Children. He is a Full Professor of Radiology and Surgery, the Chief of Radiology at the Toronto Western Hospital and the Head of the Division of Diagnostic and Interventional Neuroradiology at the University Health Network, Mount Sinai and Women's College Hospitals. He holds the David Braley and Nancy Gordon Chair in Interventional Neuroradiology at the University of Toronto.

Focusing his research efforts on Imaging and Treatment of Neurovascular Diseases, Dr. Krings has published more than 390 peer-reviewed articles, and approximately 30 book chapters and four books on spinal, pediatric and interventional neuroradiology, and neurovascular anatomy. His current research focuses on the prediction of brain bleeding from brain vascular malformations using a multi-discplinary approach, development of novel methods to treat these life changing events and estimating the relative effectiveness of treatments to determine the impact on Health Care. To this end, he is leading a team of Neuro-imagers, Neurointerventionalists, Computational Scientists, Genetist Biologists and Epidemiologists within the Division of Neuroradiology.

Dr. Krings's leadership in the field of Neuroradiology is bolstered by his distinguished grants and awards, including the Scientific Award of the European Society of Neuroradiology, the Lucien Appel Prize, and the Founders Award in Interventional Neuroradiology of the ESNR. For the development of the Neuroradiology Program in Toronto he won the Anderson Award of the Wightman-Berris Academy and was granted the Edward Lansdown Award for outstanding teaching in the Residency Program of the University of Toronto.



Speakers

Aditya Bharatha, MD, FRCPC

Dr. Bharatha is a Diagnostic and Interventional Neuroradiologist and Division Head of Diagnostic Neuroradiology at St. Michael's Hospital. He is Associate Professor of Medical Imaging at the University of Toronto with a cross-appointment in the Dept. of Surgery (Neurosurgery). He completed his Diagnostic Imaging and Neurointerventional training at the University of Toronto from 2003 to 2010. His clinical and research interests are on endovascular management of cerebrovascular disease including cerebral aneurysms, vascular malformations and ischemic stroke as well as advanced neuroimaging techniques such as CT Perfusion, MRA, and vessel wall imaging. He has multiple peer-reviewed publications and is a frequent speaker at educational events. He is the current chair of the OMA Section on Neuroradiology.

Patrick Nicholson, MB, BCh, BAO, FFR (RCSI)

Based at Toronto Western Hospital, Dr. Patrick Nicholson is a senior clinical fellow in interventional neuroradiology in the Division of Neuroradiology, Joint Department of Medical Imaging, University Health Network, Toronto.

Originally from Ireland, he graduated from University College, Dublin in June 2009. Following his internship, he completed two years of basic surgical training in St. Vincent' s University Hospital in Dublin. He later graduated from his radiology residency in Cork University Hospital in June 2016, which was followed by a year of neurointerventional fellowship training in Beaumont Hospital, Dublin. He then moved to Toronto, where he completed consecutive clinical fellowships in interventional and diagnostic neuroradiology in the Toronto Western and University of Toronto programs respectively (July 2017-June 2019).

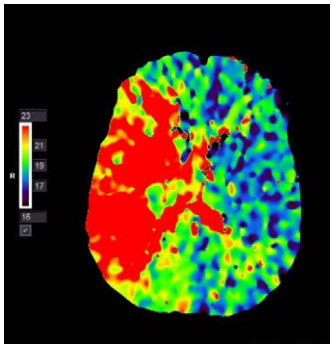
He has special interests in the imaging and endovascular treatment of stroke, and in the imaging and treatment of extremes of CSF circulation (both intracranial hypotension and hypertension).

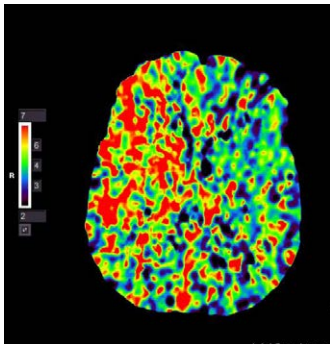
Vitor Mendes Pereira, MSc, MD

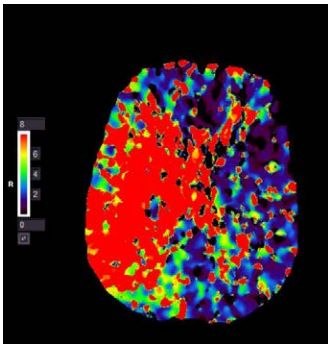
Dr. Vitor Mendes Pereira is Professor of Medical Imaging and Surgery at the University of Toronto and Staff Physician at the Toronto Western Hospital and SickKids. He is a neurosurgeon specializing in minimally invasive procedures of the intracranial and spinal circulation. He studied Medicine and Neurosurgery in Brazil before going to Paris to specialize in Interventional Neuroradiology.

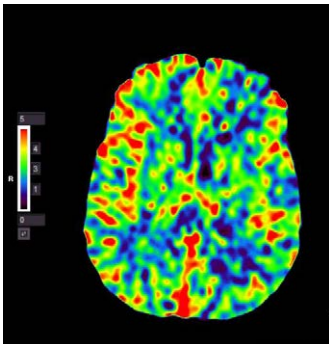
Dr. Pereira worked at the CHU Bicetre (with Professor Pierre Lasjaunias) and at the Rothschild Foundation (with Professor Jacques Moret). Dr. Pereira worked as the Head of Interventional Neuroradiology Division and Privat-Docent at the University Hospital of Geneva, Switzerland from 2008 to 2014 before moving to Toronto. He is particularly interested in the treatment of complex neurovascular diseases including large and giant aneurysms, curative treatment of arteriovenous malformations, dural malformations, and spinal vascular disorders and pædiatric vascular malformations. He is the leading clinical researcher on stroke as global co-PI for the STAR trial, European interventional PI for the SWIFT-PRIME study and International PI for the SWIFT DIRECT trial. He is also a member of multiple scientific committees and part of the leadership of other clinical studies like DAWN trial, PROMISE study, and PREMIER trial.

Dr. Pereira is a pioneer in the use of optical flow imaging in digital subtracted angiography. He is an active member of several medical societies and he has also contributed to 170 publications on various aspects of neuroendovascular therapy.









Location:

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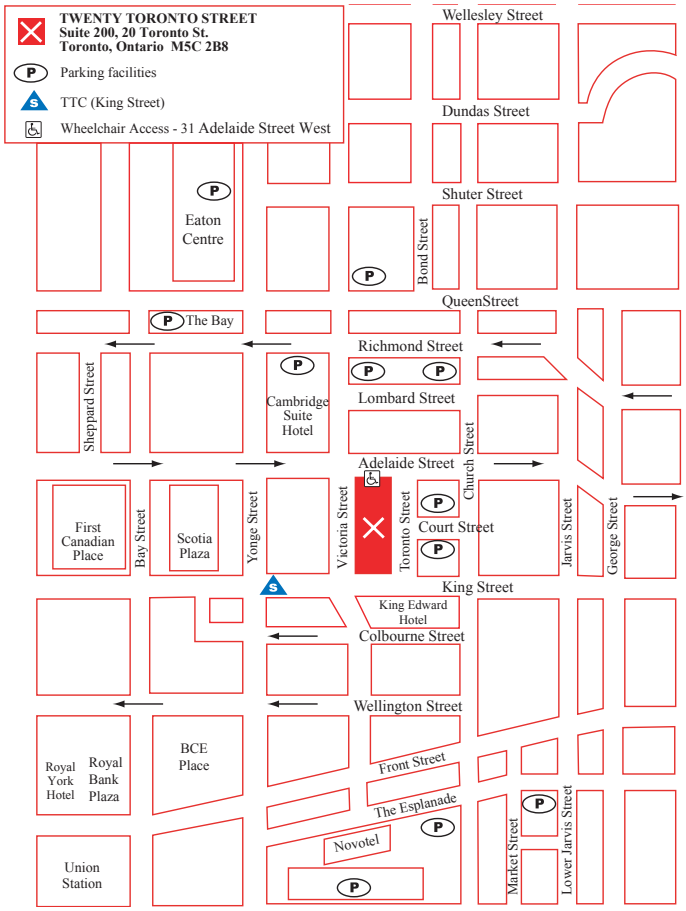
Downtown Toronto



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REGISTRATION

Includes course materials

- *OAR Member: **$425** (before January 16, 2020) **$475** (after January 16, 2020)*
- *Non-OAR Member: **$675** (before January 16, 2020) **$725** (after January 16, 2020)*
- *Radiology Residents/Fellows: No Charge for Webcast participants.*
- *MRTs **$350** (before January 16, 2020) **$375** (after January 16, 2020)*

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Please note that online registration for all OAR CME events is available at:

http://oarinfo.ca/cme

Access to archived versions of the CME program will be made available to all CME participants. Two archived formats will be available. Participants can choose to access the entire event or access the program on a lecture-by-lecture basis.

Instructions on how to access the archived CME program will be e-mailed to all participants (live program and webcast of the live program) as soon as they are available.

Archived versions of the CME are usually available within 7 to 14 days of the live event.

Cancellation policy:
For OAR members, if cancellation to this event is necessary, please contact the OAR office for assistance. For non-members, a refund will be made less a $50 processing fee, if cancellation is received in writing two weeks prior to the CME event date. No refunds will be given within two weeks of the CME event. The OAR reserves the right to cancel or move the conference should it become necessary. In this case, each registrant will be notified by telephone or e-mail and a full refund will be given. Therefore it is important that you provide us with an e-mail address and phone number. The OAR is not responsible for any other costs incurred.