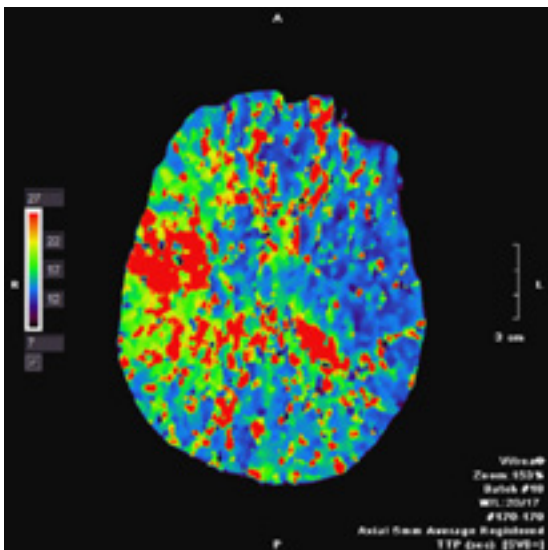


OAR Neuroradiology Imaging Review

Course Directors: Dr. Aditya Bharatha, Dr. Reza Forghani and Dr. Eugene Yu

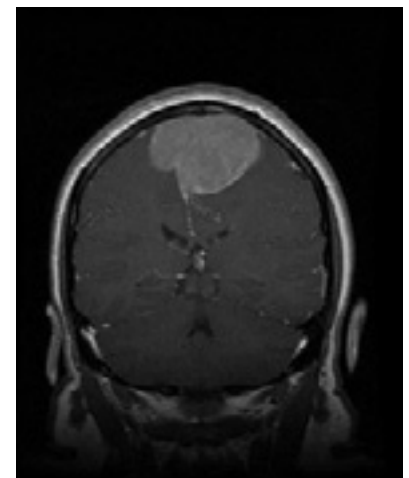
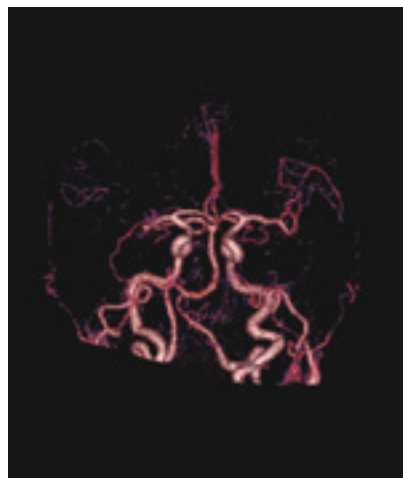
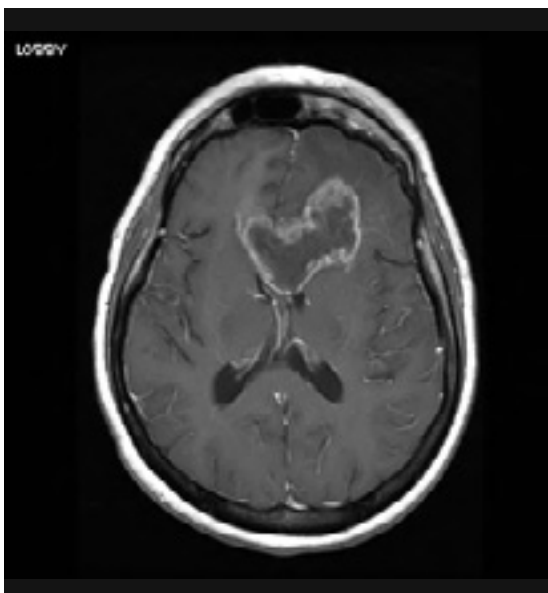
"This course will be of interest to Radiologists, DI residents and fellows and physicians and residents and fellows in related specialties."



Course Objectives:

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

- Review and assess the imaging manifestation of cerebral venous related diseases
- Apply current imaging and treatment recommendations for acute stroke
- Develop an approach to building a stroke imaging protocol
- Identify and discuss the imaging features of the common intracranial glial tumors
- Review and describe the imaging of the most common pediatric neurological diseases



Schedule

Note: Each lecture (except for the two 30-minute and one 60-minute Interactive Case-Study Workshops) contains 5 minutes of interactive Q&A using an ARS (audience response system).

07:00–07:30	Registration and Hot Breakfast
07:30–07:40	Welcome, Opening Remarks & Review of Course Objectives Dr. Giuseppe Tarulli; Drs. Eugene Yu, Aditya Bharatha and Reza Forghani
07:40–08:10	Dementia and Its Mimics Dr. Matylida Machnowska
08:10–08:40	Spine Degenerative Disc Disease: Nomenclature Dr. Pejman Maralani
08:40–09:20	CNS Emergencies Dr. C. Douglas Phillips
09:20–10:00	Venous Disease Dr. Noël de Tilly
10:00–10:15	Q & A Session Moderator: Dr. Dorothy Lazinski
10:15–10:30	Morning Break
10:30–11:10	Glial Tumors Dr. C. Douglas Phillips
11:10–11:40	Stroke Imaging: Building a Stroke Protocol Dr. Dipanka Sarma
11:40–12:10	Interactive Case-Studies 1: Spine Imaging Beyond Degenerative Disc Disease Dr. Mark Levental
12:10–12:25	Q & A Session Moderator: Dr. Dorothy Lazinski
12:25–13:10	Lunch
13:10–13:40	Interactive Case-Studies 2: Seizures Dr. Walter Kucharczyk
13:40–14:20	Basics of Paediatric Neuroimaging: Top 10 Things to Know Dr. Manohar Shroff
14:20–14:50	Neuroimaging Pitfalls Dr. Aditya Bharatha
14:50–15:00	Q & A Session Moderator: Dr. Dorothy Lazinski
15:00–15:15	Afternoon Break
15:15–15:55	Spine: Odd and Miscellaneous Findings Dr. C. Douglas Phillips
15:55–16:25	White Matter Disease: MS and Beyond Dr. Reza Forghani
16:25–17:25	Interactive Case-Studies 3: Stroke Dr. C. Douglas Phillips
17:25–17:40	Q & A Session Moderator: Dr. Dorothy Lazinski

This program was developed in response to past OAR Neuroradiology Evaluation Form Summaries and specific requests to the OAR office requesting additional Neuroradiology programming.

Keynote Speaker

C. Douglas Phillips, MD, FACR

Professor of Radiology and Director of Head and Neck Imaging, Weill Cornell Medical College, New York Presbyterian Hospital, New York City, New York.

Dr. Phillips, a native of Elkins, West Virginia attended the US Air Force Academy in Colorado under the military medical program in 1977 following high school graduation. When this medical development program was discontinued he moved to Marshall University to complete his undergraduate degree and was accepted to the Joan C. Edwards School of Medicine at Marshall University in 1980. Dr. Phillips was awarded a Regents BA degree during medical school and graduated from with his MD degree in 1984. He completed a residency in diagnostic radiology at the University of Virginia Health Systems in 1988, finishing as the academic chief resident.



He completed a two-year fellowship in Diagnostic Neuroradiology at the University of Virginia (UVA) in 1990 and was hired as a faculty neuroradiologist and assistant professor. In 2000 he was promoted to full professor (without term) and became the Director of the Division of Neuroradiology, Vice Chair of Finance of the Department of Radiology, and Director of the Neuroradiology Fellowship Program.

Dr. Phillips left UVA in 2009 for New York and is currently a Professor of Radiology and the Director of Head and Neck Imaging at Weill Cornell Medical College (WCMC), New York-Presbyterian Hospital. He has received teaching awards at UVA and at WCMC, been a visiting professor at numerous US institutions, is a former PodCast editor of AJNR, and is currently the Radiology Editor of the JAMA Archives of Otolaryngology – Head and Neck Surgery.

He has authored more than 75 academic publications and more than 50 book chapters, review articles, and online publications. In addition, he has editorial positions on AJR, AJNR, and Radiology, has given over 200 invited lectures in the US and internationally and is an active member of numerous medical societies.

Dr. Phillips' primary interests in neuroradiology and head and neck radiology are skull base pathology. He lives in NYC with his wife, Dr. Deborah Shatzkes, a well-known academic head and neck radiologist. He has two children, Caitlin and Kiel.

COURSE DIRECTORS



Aditya Bharatha, MD, is a diagnostic and interventional neuroradiologist at St. Michael's Hospital where he is the Diagnostic and Therapeutic Neuroradiology Division Head and Assistant Professor of Medical Imaging at the University of Toronto, Toronto, Ontario. His interests include imaging and intervention in intracranial haemorrhage and the application of advanced MRI techniques including CT and MRI perfusion imaging in vascular and neoplastic pathologies.



Reza Forghani, MD, PhD, is a neuroradiologist at Jewish General Hospital in Montreal, where he is Associate Chief, Department of Radiology, and Assistant Professor of Radiology at McGill University, Montreal, Quebec. Dr. Forghani's expertise is in the imaging of the head, neck and nervous system. He is currently leading an active research program for evaluation of head and neck cancer using dual energy CT.



Eugene Yu, MD, is a neuroradiologist at University Health Network, Mount Sinai and Women's College Hospital, Toronto and Associate Professor of Radiology and Otolaryngology-Head and Neck Surgery at the University of Toronto Department of Medical Imaging, Toronto, Ontario. He is also the University of Toronto Neuroradiology Fellowship Site Supervisor at Princess Margaret Hospital. Dr. Yu is actively involved in collaborative research projects with the Departments of Otolaryngology-Head and Neck Surgery and Radiation Oncology. His main academic and research interests focus on head and neck oncology.

SPEAKERS



Walter Kucharczyk, MD, is a neuroradiologist, University Health Network, Toronto and Professor, University of Toronto Department of Medical Imaging and Surgery (Neurosurgery), Toronto, Ontario. He is a senior scientist at the Toronto General Research Institute and the Cancer Clinical Research Unit, Princess Margaret Cancer Centre. He is also an affiliate scientist at the Toronto Western Research Institute. His research interests include the design and development of a magnetic resonance imaging system for image guidance of minimally invasive methods of diagnosis and treatment and the development of magnetic resonance thermography for real-time image monitoring of thermal coagulation of human cancers. Dr. Kucharczyk is Past Chairman of the Department of Medical Imaging, University of Toronto and Past President of ISMRM.



Mark Levental, MD, is Chief of the Department of Radiology at the Jewish General Hospital and Director of MRI and Vice President of The Clark Medical Imaging Centre in Montreal, Quebec. Dr. Levental is an Associate Professor of Radiology and was Director of Undergraduate Radiology Education from 2001 to 2013 at McGill University in Montreal, Quebec.



Matylda Machnowska, MD, is a neuroradiologist at Sunnybrook Health Sciences Centre, Toronto, Ontario. She is actively involved in undergraduate, residency and fellowship training programs. She has an interest in head and neck, NICU and fetal MRI neuroimaging.



Pejman Jabehdar Maralani, MD is a staff neuroradiologist at Sunnybrook Health Sciences Centre, Toronto, Ontario. He is actively involved in residency and fellowship training programs. His research interests are quantitative functional imaging of the brain and primary head and neck neoplasms.



Manohar Shroff, MD, is the Radiologist-in-Chief and staff neuroradiologist in the Department of Diagnostic Imaging at Toronto SickKids, and Associate Professor of Radiology in the Department of Medical Imaging, University of Toronto, Toronto, Ontario. He has fellowship training in both adult and paediatric neuroradiology. Dr. Shroff is currently involved in a number of research projects and has a special interest in paediatric multiple sclerosis, paediatric stroke, neonatal imaging, and quality assurance in radiology.



Lyne Noël de Tilly, MD, is a diagnostic neuroradiologist at St. Michael's Hospital and Assistant Professor of Medical Imaging at the University of Toronto. Her interests include cross-sectional imaging of vascular pathologies, especially intracranial aneurysms and venous pathologies, and preoperative investigation of neoplastic brain and sellar pathologies.



Dipanka Sarma, MD, is an interventional and diagnostic neuroradiologist at St. Michael's Hospital, and Assistant Professor of Radiology at the University of Toronto. He is an experienced teacher with several teaching awards, and his interests include imaging and interventional procedures in neurovascular pathologies including stroke.

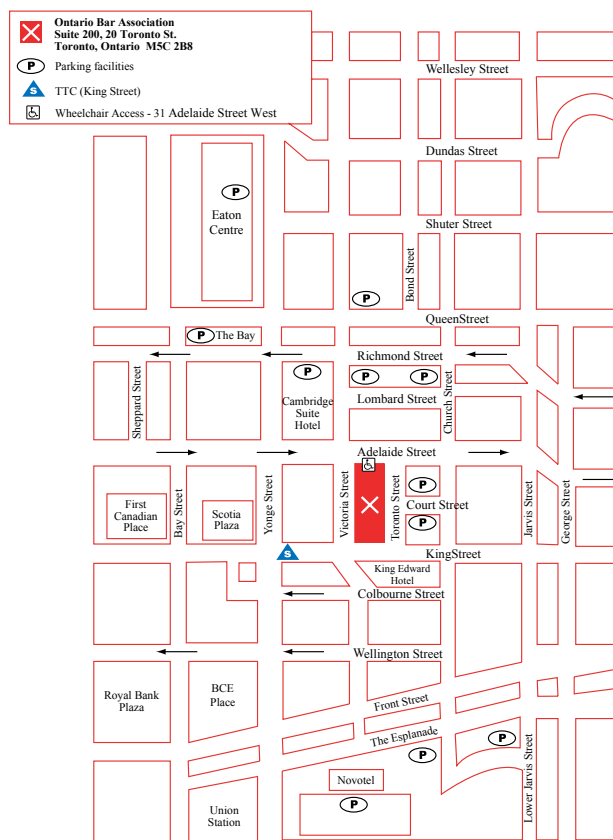
COURSE MODERATOR

Dorothy Laskinski, MD, studied medicine at the University of Toronto and completed a radiology residency at Queens University in Kingston, Ontario. She is currently a neuroradiology fellow working predominantly in head and neck imaging at UHN, Mount Sinai Hospital, Toronto, Ontario.



Location:

Twenty Toronto Street
 Conferences and Events
 20 Toronto Street
 2nd Floor
 Downtown Toronto



OAR Neuroradiology Imaging Review

Radiologist Brochure

REGISTRATION

(Includes meals, refreshment breaks, and course materials)

- OAR Member **\$350** (Before Aug. 6, 2015) **\$400** (After Aug. 6, 2015)
- Non-OAR Member **\$600** (Before Aug. 6, 2015) **\$650** (After Aug. 6, 2015)
- All Radiology Residents/Fellows No Charge
- Other Specialty Residents/Fellows **\$100** (Before Aug. 6, 2015) **\$125** (After Aug. 6, 2015)

Saturday, September 19th, 2015



Please note that on-line 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 emailed 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 of the CME event date. No refunds will be given within two weeks of the CME event. Delegates may substitute an alternate attendee. Please advise the OAR if any changes are made. 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 email and a full refund will be given. Therefore it is important that you provide us with an email address and phone number. The OAR is not responsible for any other costs incurred.