

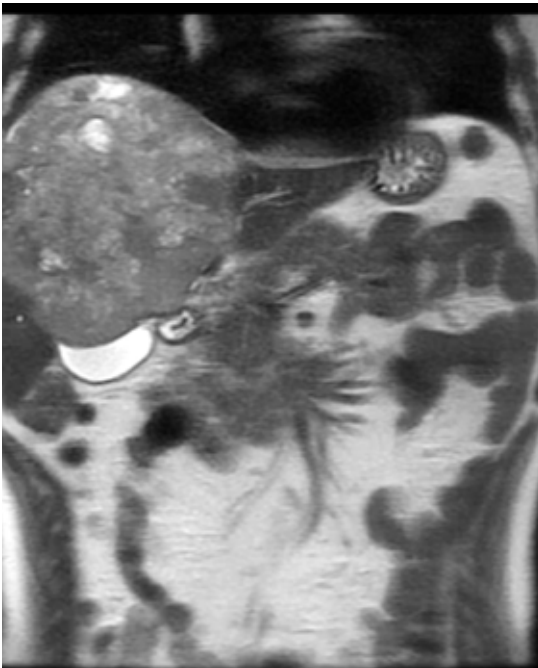
Hepatocellular Carcinoma (HCC)

Role of the Radiologist

Saturday, May 6, 2017

Course Directors: Dr. Martin O'Malley and Dr. Korosh Khalili

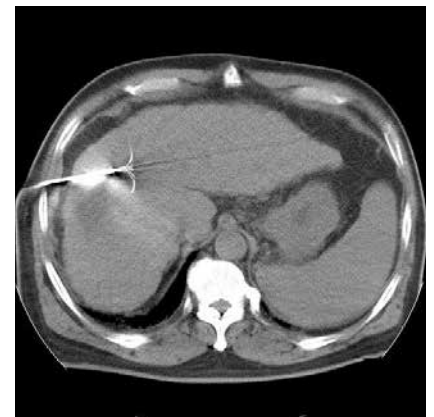
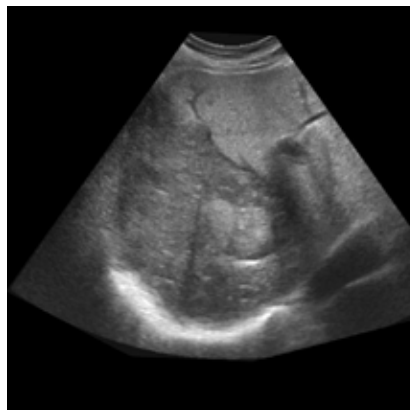
This course will be of interest to Radiologists, Radiology and Surgical Residents and Fellows, Hepatologists, Hepatobiliary-Pancreatic Surgeons, Diagnostic Medical Sonographers, and Medical Radiation Technologists.



Course Objectives:

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

- Relate that the incidence of HCC is rising and that Ultrasound is the primary method of screening
- Develop an approach to triage the findings on screening liver ultrasound
- Optimize CT and MR liver protocols for the detection and diagnosis of HCC and important associated findings
- Develop a standardized approach to reporting CT and MRI findings in patients at risk for HCC
- Identify the key imaging findings that contribute to the triaging of patients to appropriate treatments including: percutaneous tumour ablation (RFA, TACE) or surgery
- Develop an approach to challenging liver cases
 - » The CanMed roles being addressed in the course are Medical Expert and Scholar



Note: Each lecture contains 5 minutes of interactive Q & A using an ARS (audience response system) except for the 3 Interactive Case-Study and Interactive Learning Points Review Sessions and the one 45-minute lecture, which contains 10 minutes of interactive Q & A.

08:00 – 08:30	Registration & Hot Breakfast
08:30 – 08:40	Welcome <i>Dr. Giuseppe Tarulli</i>
08:40 – 09:00	HCC: Introduction and Overview of Course Objectives <i>Dr. Martin O'Malley</i>
09:00 – 09:30	HCC Screening: Why, Who and How? <i>Dr. Morris Sherman</i>
09:30 – 10:00	Those Pesky Nodules: Interpreting and Reporting of Ultrasound Surveillance for HCC <i>Dr. Korosh Khalili</i>
10:00 – 10:30	CT: Protocol and HCC Diagnosis <i>Dr. Tae Kyoung Kim</i>
10:30 – 10:45	Q & A Session <i>Dr. Aatif Parvez – Q&A Moderator</i>
10:45 – 11:00	Morning Break
11:00 – 11:45	MRI: Protocol, Imaging Patterns and Critical Appraisal of Hepatobiliary Contrast for HCC Diagnosis <i>Dr. Kartik Jhaveri</i>
11:45 – 12:15	HCC Reporting Including LI RADS <i>Dr. Kartik Jhaveri</i>
12:15 – 12:25	Q & A Session <i>Dr. Aatif Parvez – Q&A Moderator</i>
12:25 – 13:15	Lunch
13:15 – 13:45	HCC: What the Surgeon Needs to Know <i>Dr. Alice C. Wei</i>
13:45 – 14:15	HCC: Interventional Radiology – RFA and TACE <i>Dr. Robert Beecroft</i>
14:15 – 14:45	Interactive Cases Part 1 <i>Dr. Tae Kyoung Kim</i>
14:45 – 15:00	Q & A Session <i>Dr. Aatif Parvez – Q&A Moderator</i>
15:00 – 15:15	Afternoon Break
15:15 – 15:45	Interactive Cases Part 2 <i>Dr. Hyun-Jung Jang</i>
15:45 – 16:15	Interactive Learning Points Review <i>Dr. Korosh Khalili</i>
16:15 – 16:30	Q & A Session <i>Dr. Aatif Parvez – Q&A Moderator</i>

This program was developed in response to specific requests to the OAR office from a number of participants from the 2016 Oncology Imaging CME event for more in depth programming related to liver cancer imaging.



Dr. Martin O'Malley

Dr. Martin E. O'Malley is a staff radiologist in the Division of Abdominal Imaging, Joint Department of Medical Imaging and Associate Professor, University of Toronto. He has received numerous Honours and Awards for his research and has more than 55 peer-reviewed publications, 5 book chapters and 1 book. He has lectured nationally and internationally and was awarded an Honorary Fellowship from the Faculty of Radiologists in Ireland.

Past leadership positions include Clinical Expert for CT (JDMI) and Site Director for Medical Imaging, Princess Margaret Cancer Center. He has been the Abdominal Imaging Fellowship Supervisor (JDMI) for the last 15 years and has received many awards for Excellence in Teaching from the University of Toronto Radiology Residency and Fellowship Programs. Provincially he has advised the Ministry of Health as Chair of the Diagnostic Imaging Safety Committee for CT and has been the Toronto Central South Lead for the Cancer Imaging Program, CCO since 2010.



Dr. Korosh Khalili

Korosh Khalili is an Associate Professor of Radiology at the University of Toronto and an abdominal radiologist at the University Health Network and Mount Sinai Hospital. He completed medical school at the University of Ottawa and radiology residency at the University of Toronto. He has been working at the University Health Network/Mount Sinai Hospital since completing a fellowship in abdominal imaging at the University of Toronto in 2000.

Dr. Khalili's clinical and research interests have been in the field of hepatobiliary-pancreas imaging. He was the director of Toronto Hepatocellular Carcinoma Surveillance Program at the UHN, and the imaging lead for hepatobiliary-pancreatic imaging since 2006. Dr. Khalili also has an interest in international health and is the co-director of medical imaging for the University of Toronto collaborative in Ethiopia, called Toronto Addis Ababa Academic Collaboration.

Speakers



Dr. Robert Beecroft

Dr. Robert Beecroft is a staff interventional radiologist in the Division of Vascular and Interventional Radiology, Joint Department of Medical Imaging, as well as lecturer at University of Toronto. He has a strong interest in Interventional Oncology, specifically in the area of loco-regional therapies for hepatocellular carcinoma (HCC) including thermal ablation (RFA and microwave ablation), transarterial chemoembolization (TACE), and radioembolization.

Dr Beecroft has co-authored peer reviewed-publications and scientific abstracts, and lectured at national meetings. He was a member of the Focal Tumor Ablation Advisory Committee, Cancer Care Ontario and is currently a member of the Interventional Radiology Steering Committee, and other committees at Cancer Care Ontario.



Dr. Hyun-Jung Jang

Dr. Hyun-Jung Jang is an Associate Professor and an abdominal radiologist at the University of Toronto. She completed her medical education at Seoul National University where she received MD, MS, and PhD degrees, and worked as a staff radiologist at Liver Cancer Center of National Cancer Center, Korea until she moved to University of Toronto in 2003. Her expertise is in liver imaging and contrast ultrasound and she has published 95 scientific papers in peer-reviewed journals and contributed to a number of review articles and textbooks.

Dr. Jang has been awarded many times for her excellence in research and papers by Radiologic Society of North America, European Society of Gastrointestinal and Abdominal Radiology, Korean Federation of Science and Technology Societies, Korean Society of Radiology. She has given a number of talks in major radiology meetings including RSNA, ARRS, SGR, and ESGAR. She also serves as a reviewer of prestigious journals including Hepatology and European Radiology and a section editor of Korean Journal of Radiology.



Dr. Kartik Jhaveri

Dr. Kartik Jhaveri is the Director of Abdominal MRI at the Joint Department of Medical imaging of the University Health Network, Mount Sinai Hospital and Women's College Hospital. He is an Associate Professor and Director, Continuing Education Program for Medical Imaging at the University of Toronto.

He has focused clinical and research interests in the field of Abdominal MRI. He has lectured internationally on Liver MRI topics including at the RSNA and ISMRM. He also leads multiple grant-funded research initiatives in abdominal and liver MRI. His special areas of clinical and research interest are focused on hepatobiliary diseases.

Dr. Jhaveri has authored several peer-reviewed publications, book chapters, clinics and scientific presentations. He serves on International and North American committees such as RSNA, ISMRM, Society of Abdominal Radiology, SCBT-MR. He has been an Assistant Editor for the American Journal of Roentgenology in the recent past.



Dr. Tae Kyoung Kim

Dr. Tae Kyoung Kim is a radiologist and Professor at the University of Toronto. He studied medicine at Seoul National University, Korea, where he received an MD from the College of Medicine in 1991, and a PhD from the Graduate School in 1999. Since moving to Toronto in 2003, he has worked as an abdominal radiologist and an active researcher in the Joint Department of Medical Imaging at the University Health Network, Mount Sinai Hospital, and Women's College Hospital.

Dr. Kim's major research interest is in cross-sectional imaging of hepatobiliary tumors. His recent research works have largely focused on imaging diagnosis of hepatocellular carcinoma and cirrhosis-related nodules. He is an author or co-author of more than 209 scientific publications in peer-reviewed journals, and has served as the reviewer of a number of major radiology and hepatology journals.



Dr. Morris Sherman

Dr. Morris Sherman is a staff Hepatologist at the University Health Network and Professor of Medicine, University of Toronto. He is an internationally recognized expert in the management of hepatocellular carcinoma (HCC) and the study of liver disease.

He is the current Chairman of the Board, Canadian Liver Foundation and past Chair, Hepatobiliary Neoplasia Special Interest Group Steering Committee, American Association for the Study of Liver Disease (AASLD), and past Chair, Guidelines Committee, International Liver Cancer Association.

Dr. Sherman has more than 100 peer-reviewed publications and his articles have been widely cited. His numerous awards and distinctions include the Queen's Diamond Jubilee Award from the Government of Canada and the Gold Medal from the Canadian Liver Foundation/Canadian Association for Study of the Liver.



Dr. Alice Wei

Dr. Alice Wei is a Hepato-Pancreato-Biliary (HPB) surgical oncologist at the Princess Margaret Cancer Centre, University Health Network in Toronto, Canada. She received her MD from McGill University, General Surgery fellowship from the University of Toronto, and HPB fellowship from the Toronto General Hospital. In addition, she holds MSc degrees in both Cell Biology and Clinical Epidemiology from the University of Toronto.

She is a Surgeon-Investigator at the University Health Network and an affiliate scientist at the Toronto General Research Institute and the Ontario Cancer Institutes, Clinical Research Unit. Dr. Wei has an active clinical practice in HPB oncology and spearheaded the development of an advanced laparoscopic HPB surgery program. Dr. Wei has an active research program that focuses on improving outcomes following cancer surgery. Her work has 2 major themes: clinical trials and quality improvement. Her current research program includes: a provincial registry of HPB surgical disease; multi-centre clinical trials; and the development of innovative quality improvement interventions that advance surgical quality.

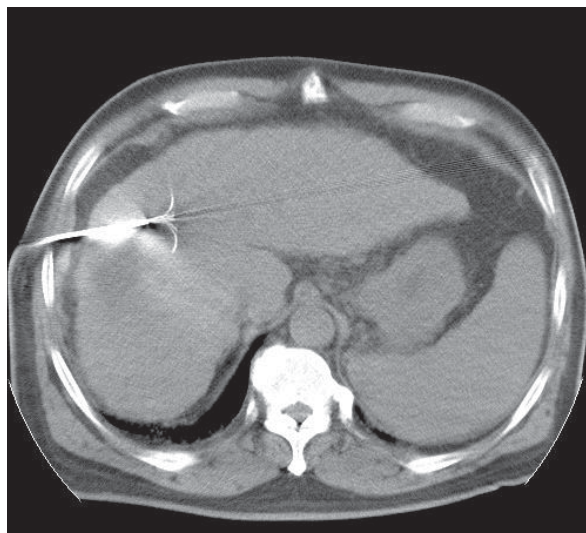
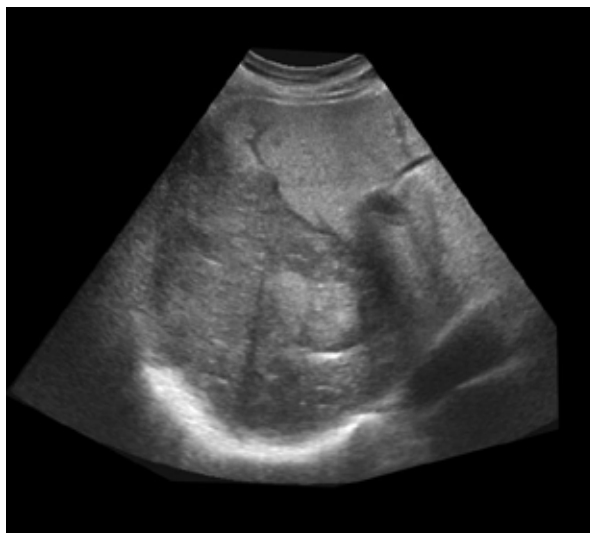
Dr. Wei is the President of the Ontario Association of General Surgeons, Vice-Chair, General Surgery Section, Ontario Medical Association, as well as the Research Chair of the Canadian Association of General Surgeons. Dr. Wei also serves as the Lead for Quality and Knowledge Transfer for the Surgical Oncology Program at Cancer Care Ontario.

Course Q & A Moderator



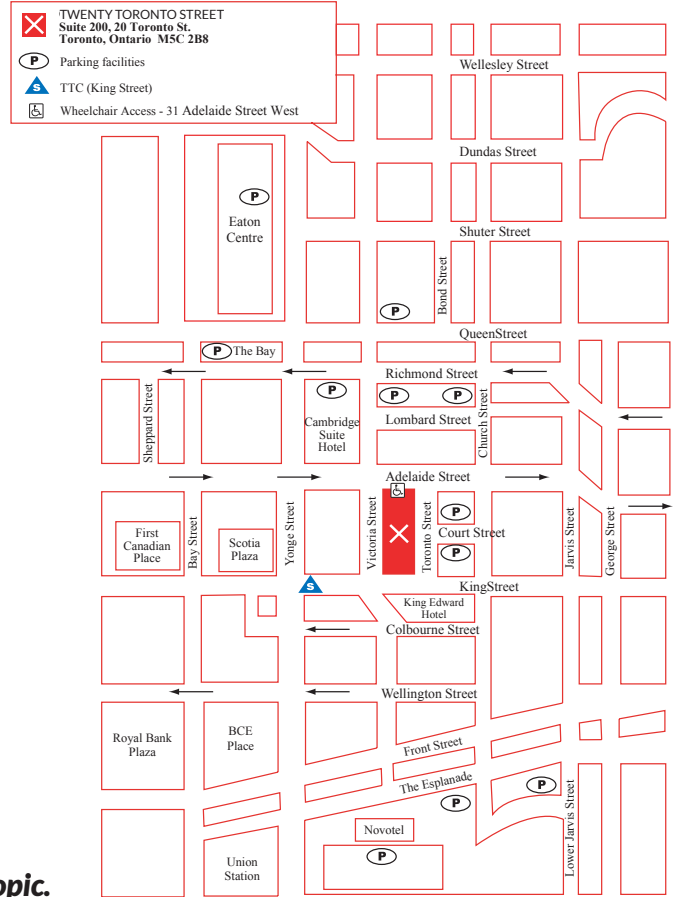
Dr. Aatif Parvez

Dr. Parvez is an Abdominal Imaging Fellow with the Joint Department of Medical Imaging, University of Toronto.



Location:

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



The Ontario Association of Radiologists wishes to thank the sponsors of this program for having provided unrestricted educational grants in support of this event.



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Note: Special pricing has been set for this highly specialized topic.

Hepatocellular Carcinoma (HCC): Role of the Radiologist – May 6, 2017

REGISTRATION

Includes meals, refreshment breaks, and course materials

- Technologists: **\$250** (before April 6, 2017) **\$300** (after April 6, 2017)

Medical Radiation Technologist and Diagnostic Medical Sonographer Brochure



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.