

## Paediatric Ultrasound 2014

### Course Director: Dr. Oscar Navarro, SickKids

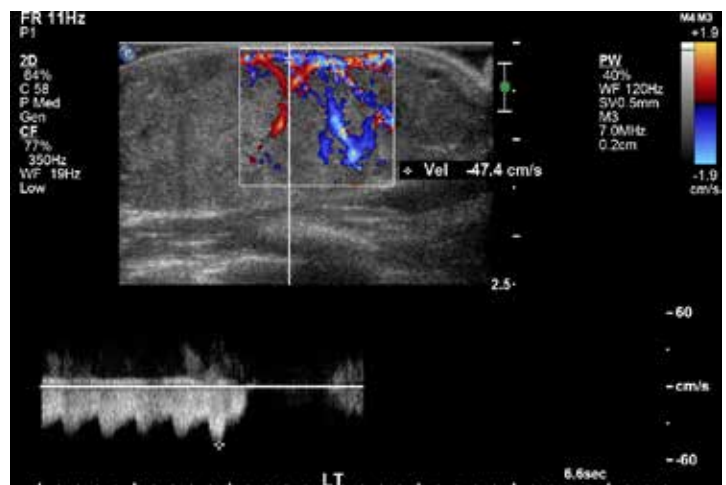
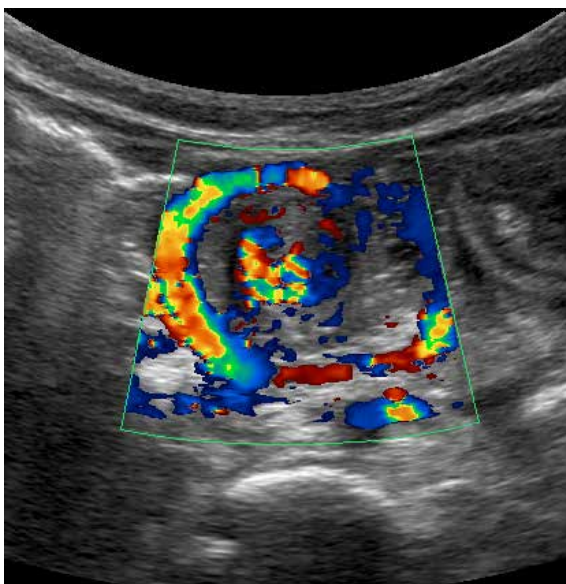
This course will be of interest to general radiologists doing paediatric ultrasound in their practice, paediatric radiologists, paediatric radiology fellows, diagnostic imaging residents and fellows, and diagnostic medical sonographers.

The University of Toronto has approved this course for 8.5 RCPSC Section 1 Credits; 8.5 AMA Category 1 Credits and 8.5 EUMS Credits. Sonography Canada has approved this course for 7.5 CME Credits.

### Overall Course Objectives:

**At the end of this event, participants through didactic lectures and workshops, should be able to:**

- Review and discuss common paediatric pathology that can be evaluated with sonography
- Identify and discuss unique sonographic features in the evaluation of neonatal pathology
- Review and discuss sonographic features of common paediatric pathology in infants and older children
- Compare and discuss the role of sonography with other imaging modalities in the evaluation of paediatric patients
- Identify and discuss relevant technical factors in the sonographic evaluation of children.



07:00 – 07:30	<b>Registration &amp; Hot Breakfast</b>
07:30 – 07:35	<b>Welcoming Remarks</b> <i>Dr. Giuseppe Tarulli</i>
07:35 – 07:45	<b>Introduction &amp; Review of Course Objectives</b> <i>Dr. Oscar Navarro</i>
07:45 – 08:15	<b>Ultrasound of Paediatric Chest</b> <i>Dr. David Manson</i>
08:15 – 08:55	<b>Ultrasound of Neonatal Brain: Part 1</b> <i>Dr. George Taylor</i>
08:55 – 09:35	<b>Ultrasound of Neonatal Brain: Part 2</b> <i>Dr. George Taylor</i>
09:35 – 09:50	<b>Q &amp; A Session</b>
09:50 – 10:05	<b>Morning Break</b>
10:05 – 10:40	<b>Unique Sonographic Features in the Neonatal Abdomen</b> <i>Dr. Alan Daneman</i>
10:40 – 11:20	<b>Ultrasound of Neonatal Abdominal Masses</b> <i>Dr. George Taylor</i>
11:20 – 12:00	<b>Ultrasound of Acute Abdominal Conditions in the Neonate</b> <i>Dr. Alan Daneman</i>
12:00 – 12:15	<b>Q &amp; A Session</b>
12:15 – 13:00	<b>Lunch</b>
13:00 – 13:30	<b>Ultrasound of Acute Abdomen in Infants and Older Children</b> <i>Dr. Oscar Navarro</i>
13:30 – 14:10	<b>Ultrasound of Kidneys and Bladder in Children</b> <i>Dr. Jorge Dávila</i>
14:10 – 14:45	<b>Ultrasound of Paediatric Gynecology</b> <i>Dr. Govind Chavhan</i>
14:45 – 15:00	<b>Q &amp; A Session</b>
15:00 – 15:15	<b>Afternoon Break</b>
15:15 – 15:55	<b>Ultrasound of Spine in Neonates and Young Infants</b> <i>Dr. Jorge Dávila</i>
15:55 – 16:55	<b>Interactive Workshop: Interesting Cases in Paediatric Ultrasound</b> <i>Dr. Shyam Mohan</i>
16:55 – 17:10	<b>Q &amp; A Session</b>

Note: Each lecture (except for the one-hour Interactive Case Study Workshop) contains 5 minutes of interactive Q&A using an ARS (audience response system).

This program was developed in response to past OAR CME Evaluation Form Summaries from earlier paediatric programs and specific requests to the OAR office requesting a CME event on paediatric ultrasound.



### **Oscar Navarro, MD**

Dr. Navarro is a Paediatric Radiologist and Fellowship Program Director of the Department of Diagnostic Imaging at The Hospital for Sick Children (SickKids) in Toronto, and Associate Professor in the Department of Medical Imaging at the University of Toronto. He is also co-ordinator of Teaching Rounds in Ultrasound for residents and fellows.

Dr. Navarro graduated from the Faculty of Medicine at the Pontificia Universidad Católica de Chile in 1990. He trained in radiology in Santiago, Chile and completed a fellowship in paediatric radiology at SickKids in 2000.

After working as a staff paediatric radiologist at Clínica Alemana de Santiago, Chile, he joined the staff in the Department of Diagnostic Imaging at SickKids in April 2001. His current work is in the area of general paediatric body imaging, with special interest in sonography, abdominal imaging and imaging of soft tissue masses.

## Keynote Speakers



### **Jorge Dávila, MD**

*Paediatric Radiologist, Department of Diagnostic Imaging and Residency Program Director, The Children's Hospital of Eastern Ontario (CHEO), and Assistant Professor of Radiology, University of Ottawa, Ottawa, Ontario*

Dr. Jorge Dávila is a Paediatric Radiologist in the Department of Diagnostic Imaging at The Children's Hospital of Eastern Ontario (CHEO), which he joined in January 2010. He also serves as CHEO's Residency Program Director and is an Assistant Professor at the University of Ottawa.

A native of Peru, Dr. Dávila completed his medical school training at Universidad Peruana Cayetano Heredia and his radiology residency training at Universidad Nacional Mayor de San Marcos. Following his residency, Dr. Dávila received a one-year scholarship for Diagnostic Neuroradiology training in Zaragoza, Spain, sponsored by the Sociedad Iberoamericana de Neuroradiología (SILAN). He then went on to complete a two-year fellowship in Paediatric Radiology at The Hospital for Sick Children (University of Toronto) in 2009.



### **George Taylor, MD, FACR**

*Radiologist-in-Chief Emeritus, Department of Radiology, Children's Hospital, and John A. Kirkpatrick Professor of Radiology (Paediatrics), Harvard Medical School, Boston, Massachusetts*

Dr. George A. Taylor is a world-renowned Paediatric Radiologist, teacher, writer, lecturer and humanitarian. He is Radiologist-in-Chief Emeritus, Department of Radiology, Children's Hospital, and John A. Kirkpatrick Professor of Radiology (Paediatrics), Harvard Medical School, Boston, Massachusetts.

He completed his medical degree, with distinction, at George Washington University in 1978. In 1981 he completed his residency in general paediatrics and subsequently in 1983, diagnostic radiology, at the John Hopkins Medical Institutions. He then completed his fellowship in paediatric radiology at the Children's Hospital Medical Center, Harvard Medical School in 1985. Dr. Taylor also has an honorary MA from Harvard University.

Dr. Taylor is a Past President of the Society for Paediatric Radiology, of which he has been a member since 1985, and has served in a number of positions including Research Committee Chair and Chairman of the Board of Directors. He has received numerous awards and honours, has served on the editorial boards of more than 10 major journals, including Radiology and the Journal of Ultrasound in Medicine, and has published and lectured extensively, both in the US and abroad.

Dr. Taylor is also well known for his tremendous humanitarian efforts teaching and supporting paediatric units in developing countries. His major research interests include imaging of the appendicitis, imaging utilization and management, and clinical outcomes in paediatric imaging.



**Govind Chavhan, MD, DNB, DABR**

Dr. Chavhan is a Paediatric Radiologist at The Hospital for Sick Children (SickKids) and Assistant Professor at the University of Toronto. He currently works in paediatric body imaging with research focus in paediatric body MRI. He is actively involved in education outreach programs and has lectured on many paediatric imaging topics. Dr. Chavhan has published two books: MRI Made Easy and Cross-Sectional Anatomy – CT and MRI, and several peer-reviewed papers and book chapters.



**Alan Daneman, BSc, MB BCH, FRANZCR, FRCPC**

*Division Head of General Radiology and Body Imaging; Professor, Medical Imaging, University of Toronto*

Dr. Daneman has been at The Hospital for Sick Children (SickKids) since July 1979 and was Radiologist-in-Chief from 1988 to 1995. He attended Medical School at the University of Witwatersrand in Johannesburg, South Africa, trained in Radiology at the University of Sydney, Australia, and was a Fellow in Paediatric Radiology at SickKids in Toronto.

He was awarded the Gold Medal of the Brazilian College of Radiology, as well as the “Jack O. Haller Award for Excellence in Teaching” and the “Singleton-Taybi Award” for his lifetime dedication to education in the discipline of Paediatric Radiology, both from the Society for Paediatric Radiology (SPR).

Dr. Daneman is an honorary member of the European Society for Paediatric Radiology (ESPR) and Latin American Society for Paediatric Radiology (SLARP), Chilean, Israeli and Hungarian Radiological Societies, Brazilian College of Radiology, and Faculty of Radiology, Ireland. He is also a Life Member of the Royal Australian and New Zealand College of Radiologists.

Dr. Daneman has 199 publications in peer-reviewed journals, has lectured extensively at international and national conferences and presented several named lectures, including the Faffey and Kirkpatrick Memorial Lectures.



**David Manson, MD, FRCPC, FAAP**

Dr. Manson is Associate Chief, Body Imaging and Clinical Care at the Hospital for Sick Children (SickKids), and an Associate Professor of Medical Imaging, University of Toronto. He has been on staff in the Department of Diagnostic Imaging since 1989. His clinical areas of expertise are primarily in “body” imaging, with a specific interest in lung imaging. He has an active role in daily resident and fellow teaching, as well as various weekly teaching and clinical rounds. These are not limited to pulmonary imaging, but include general Emergency Room imaging, neonatal imaging, as well as imaging in child abuse.

Dr. Manson’s current research interests include MDCT imaging of pulmonary vascular diseases, MRI imaging of the paediatric lung, and pulmonary imaging of children with rheumatological diseases.



**Shyam Mohan, MRCPCH, FRCR**

Dr. Shyam Mohan completed his medical training in India at the University of Calicut where he was awarded the Undergraduate Gold Medal in Surgery and the Geethadevi Memorial Undergraduate Prize in Obstetrics and Gynaecology in 2003. After working briefly in India Dr. Mohan studied Paediatrics in the United Kingdom where he obtained Membership of the Royal College of Paediatrics and Child Health in 2007. He then undertook a five-year radiology training rotation at the Nottingham University Hospitals National Health Service Trust in Nottingham, England and obtained his Fellowship of the Royal College of Radiologists in 2012.

Dr. Mohan is currently a clinical fellow in Paediatric Radiology at the Hospital for Sick Children (SickKids) in Toronto. His particular areas of interest include Ultrasound Imaging and Imaging in the Neonatal Period.





## Location:

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

## Paediatric Ultrasound 2014

### REGISTRATION

*Includes course materials*

- OAR Member **\$350** (before Aug. 25, 2014) **\$400** (after Aug. 25, 2014)
- Non-OAR Member **\$600** (before Aug. 25, 2014) **\$650** (after Aug. 25, 2014)
- Radiology Residents/Fellows No Charge
- Diagnostic Medical Sonographers **\$250** (before Aug. 25, 2014) **\$300** (after Aug. 25, 2014)

## WEBCAST BROCHURE

Saturday, September 20, 2014



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. 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 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.