

Sidra Pediatric Radiology Symposium 2018

26-27th October, 2018

Doha, Qatar

Target Audience: Physicians, Allied health professionals, nurses

PROGRAMME OBJECTIVES

By the end of the program participants will be able to:

- Understand and discuss various techniques when imaging different body systems in the fetus and in children.
- Identify, discuss and understand conditions encountered when imaging the fetal and pediatric brain and head and neck
- Identify, discuss and understand conditions encountered when imaging the fetal and pediatric thorax
- Identify, discuss and understand conditions encountered when imaging the fetal and pediatric abdomen and pelvis

Day 1: Friday 26th October 2018

Session 1

Learning objectives - Session 1, Day 1 – 26 October

1. Understand and discuss imaging techniques in pediatric brain and head and neck imaging.
2. Identify, discuss and understand conditions encountered when imaging the pediatric brain and head and neck

7:45 – 8:00am	Welcome and review of course objectives <i>Abdusamea Shabani and Edward Y. Lee</i>
8:00 – 8:45am	Neonatal encephalopathy: Diagnosis vs. Prognosis <i>Blaise V. Jones; Cincinnati Children’s Hospital, USA</i>
8:45 – 9:30am	Neonatal Head Ultrasound: Imaging Techniques and Practical approach <i>Noor Al Khorj; Sidra Hospital, Qatar</i>
9:30 – 10:15am	Pediatric Head and Neck emergencies: Pearls and Pitfalls <i>Amy Juliano; Harvard Medical School, USA</i>
10:15 – 11:00am	Pediatric Metabolic Brain Disease: keeping your head in a target rich environment <i>Blaise V. Jones; Cincinnati Children’s Hospital, USA</i>
11:00 – 12:30pm	Lunch and Prayer break

Session 2

Learning objectives - Session 2, Day 1 – 26 October

1. Understand and discuss up to date imaging techniques in pediatric neurooncology, base of skull and neck imaging
2. Identify, discuss and understand neuro oncology, base of skull and neck conditions encountered when imaging children

12:30 – 1:15pm	Imaging Genomics in Pediatric Neuro-oncology: What the Radiologist needs to know <i>Jehan Al-Rayahi; Sidra Medicine, Qatar</i>
1:15 – 2:00pm	Temporal bones in 2018: Step by Step Imaging Evaluation <i>Amy Juliano; Harvard Medical School, USA</i>
2:00 – 2:45pm	Imaging in Neuro-oncology: Myths and legends <i>Blaise V. Jones; Cincinnati Children’s Hospital, USA</i>
2:45 – 3:30pm	Pediatric Neck lesions: How to avoid pitfalls in diagnosis <i>Amy Juliano; Harvard Medical School, USA</i>
3:30 – 4:00pm	<i>Prayer break</i>
4:00 – 4:45pm	Pediatric Neuro case based review: Interactive session <i>Blaise V. Jones; Cincinnati Children’s Hospital, USA</i>
4:45 – 5:30pm	Head and neck case based review: Interactive session <i>Amy Juliano; Harvard Medical School, USA</i>

Day 2: Saturday 27th October 2018

Session 1

Learning objectives – Session 1, Day 2 – 27 October

1. Understand and discuss up to date imaging techniques in fetal imaging
2. Identify, discuss and understand conditions encountered when imaging the fetus

7:45 – 8:00am	Welcome and review of course objectives <i>Noor Al Khor and Abdusamea Shabani</i>
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8:00 – 8:45am	Perinatal Imaging of posterior fossa abnormalities <i>Ashley Robinson; Sidra Medicine, Qatar</i>
8:45 – 9:30am	Fetal thoracoabdominal disorders: updates and review <i>Pedro Daltro; Alta Excelencia Diagnostica & CDPI-DASA Corp, Brazil</i>
9:30 – 9:45am	Short break: Meet the faculty

Session 2

Learning objectives – Session 2, Day 2 – 27 October

1. Understand and discuss imaging techniques in the pediatric thorax
2. Identify and discuss the imaging findings in conditions encountered when imaging the pediatric thorax

9:45 – 10:30am	Neonatal lung disorders: Pattern recognition approach <i>Edward Y Lee; Harvard Medical School, USA</i>
10:30 – 11:15am	Pediatric Diffuse Pulmonary Disease: What radiologists need to know <i>Pedro Daltro; Alta Excelencia Diagnostica & CDPI-DASA Corp, Brazil</i>
11:15 – 12:00pm	Pediatric thoracic emergencies: Pearls and Pitfalls <i>Edward Y Lee, Harvard Medical School, USA</i>
12:00 – 12:45pm	Structured reporting of cardiac CT in congenital heart diseases Gurdeep S Mann; Sidra Medicine, Qatar
12:45 – 1:45pm	Lunch and Prayer break

Session 3

Learning objectives – Session 3, Day 2 – 27 October

1. Understand and discuss imaging techniques in pediatric abdominal imaging
2. Identify and discuss the imaging findings in conditions encountered in pediatric abdominal imaging.
3. Update on recent advances in IR pediatric imaging

1:45 – 2:15pm	Neonatal GI Emergencies: Imaging techniques and findings <i>Samuel Stafrace; Sidra Medicine, Qatar</i>
2:15 – 2:45pm	Renal neoplasms in infants and children: beyond Wilm’s tumour <i>Edward Y Lee; Harvard Medical School, USA</i>
2:45 – 3:00pm	Opportunities and challenges with g-tube insertions <i>Walid Mubarak; Sidra Medicine, Qatar</i>
3:00 – 3:15pm	Recent advances in vascular access techniques <i>Walid Mubarak; Sidra Medicine, Qatar</i>
3:15 – 3:45	<i>Prayer Break</i>
3:45 – 4:30	Fetal and Neonatal Case-Based review: Interactive Session <i>Pedro Daltro; Alta Excelencia Diagnostica & CDPI-DASA Corp, Brazil</i>
4:30 – 5:15	Pediatric Thoraco-Abdominal Case –based review: Interactive Session <i>Edward Y. Lee; Harvard Medical School, USA</i>

Sidra Pediatric Radiology Symposium 2018: Sessions

Day 1 – 26 October

Time	Subject	Learning Objectives
08:00 – 11:00 (3 HOUR LEARNING)	<p>SESSION 1</p> <ol style="list-style-type: none"> Neonatal encephalopathy: Diagnosis vs. Prognosis <i>Blaise V. Jones; Cincinnati Children's Hospital, USA</i> Neonatal Head Ultrasound: Imaging Techniques and Practical approach <i>Noor Al Khor; Sidra Hospital, Qatar</i> Pediatric Head and Neck emergencies: Pearls and Pitfalls <i>Amy Juliano; Harvard Medical School, USA</i> Pediatric Metabolic Brain Disease: keeping your head in a target rich environment <i>Blaise V. Jones; Cincinnati Children's Hospital, USA</i> 	<ol style="list-style-type: none"> Understand and discuss imaging techniques in pediatric brain and head and neck imaging. Identify, discuss and understand conditions encountered when imaging the pediatric brain and head and neck
11:00 - 12:30	Lunch and Prayer break	
12:30 - 17:30 (4,5 HOUR LEARNING)	<p>SESSION 2</p> <ol style="list-style-type: none"> Imaging Genomics in Pediatric Neuro-oncology: What the Radiologist needs to know <i>Jehan Al-Rayahi; Sidra Medicine, Qatar</i> 	<ol style="list-style-type: none"> Understand and discuss up to date imaging techniques in pediatric neurooncology, base of skull and neck imaging Identify, discuss and understand neuro oncology, base of skull and neck

	<p>2. Temporal bones in 2018: Step by Step Imaging Evaluation <i>Amy Juliano; Harvard Medical School, USA</i></p> <p>3. Imaging in Neuro-oncology: Myths and legends <i>Blaise V. Jones; Cincinnati Children's Hospital, USA</i></p> <p>4. Pediatric Neck lesions: How to avoid pitfalls in diagnosis <i>Amy Juliano; Harvard Medical School, USA</i></p> <p style="text-align: center;">3:30 – 4:00pm Prayer break</p> <p>5. Pediatric Neuro case based review: Interactive session <i>Blaise V. Jones; Cincinnati Children's Hospital, USA</i></p> <p>6. Head and neck case based review: Interactive session <i>Amy Juliano; Harvard Medical School, USA</i></p>	<p>conditions encountered when imaging children</p>
<p>17:30</p>	<p>End of Day 1</p> <p>Total Learning Hours: 7.5 hours</p>	

Day 2 - 27 October

Time	Subject	Learning Objectives
<p>8:00 - 9:30 (1,5 HOUR LEARNING)</p>	<p>SESSION 1</p> <p>1. Perinatal Imaging of posterior fossa abnormalities <i>Ashley</i></p>	<p>1. Understand and discuss up to date imaging techniques in fetal imaging</p>

	<p><i>Robinson; Sidra Medicine, Qatar</i></p> <p>2. Fetal thoracoabdominal disorders: updates and review <i>Pedro Dalto; Alta Excelencia Diagnostica & CDPI-DASA Corp, Brazil</i></p>	<p>2. Identify, discuss and understand conditions encountered when imaging the fetus</p>
9:30 – 9:45	Short break: Meet the faculty	
<p>9:45 – 12:45 (3 HOUR LEARNING)</p>	<p>SESSION 2</p> <p>1. Neonatal lung disorders: Pattern recognition approach <i>Edward Y Lee; Harvard Medical School, USA</i></p> <p>2. Pediatric Diffuse Pulmonary Disease: What radiologists need to know <i>Pedro Dalto; Alta Excelencia Diagnostica & CDPI-DASA Corp, Brazil</i></p> <p>3. Pediatric thoracic emergencies: Pearls and Pitfalls <i>Edward Y Lee, Harvard Medical School, USA</i></p> <p>4. Structured reporting of cardiac CT in congenital heart diseases <i>Gurdeep S Mann; Sidra Medicine, Qatar</i></p>	<p>1. Understand and discuss imaging techniques in the pediatric thorax</p> <p>2. Identify and discuss the imaging findings in conditions encountered when imaging the pediatric thorax</p>
12:45 – 1:45pm	Lunch and Prayer break	
<p>13:45 – 17:15 (3 HOUR LEARNING)</p>	<p>SESSION 3</p> <p>1. Neonatal GI Emergencies: Imaging techniques and findings <i>Samuel Stafrace; Sidra Medicine, Qatar</i></p> <p>2. Renal neoplasms in infants and children: beyond Wilm’s</p>	<p>1. Understand and discuss imaging techniques in pediatric abdominal imaging</p> <p>2. Identify and discuss the imaging findings in conditions encountered in pediatric abdominal imaging.</p>

	<p>tumour <i>Edward Y Lee; Harvard Medical School, USA</i></p> <p>3. Opportunities and challenges with g-tube insertions <i>Walid Mubarak; Sidra Medicine, Qatar</i></p> <p>4. Recent advances in vascular access techniques <i>Walid Mubarak; Sidra Medicine, Qatar</i></p> <p>3:15 – 3:45 Prayer Break</p> <p>5. Fetal and Neonatal Case-Based review: Interactive Session <i>Pedro Daltro; Alta Excelencia Diagnostica & CDPI-DASA Corp, Brazil</i></p> <p>6. Pediatric Thoraco-Abdominal Case –based review: Interactive Session <i>Edward Y. Lee; Harvard Medical School, USA</i></p>	<p>3. Update on recent advances in pediatric IR techniques</p>
<p>17:15</p>	<p>End of Day 2</p> <p>Total Learning Hours: 7,5 hours</p>	

**Total learning hours 26 and 27 October:
15 Learning Hours**