

**12th Congress of the World Federation of Nuclear Medicine and
Biology
20-24 April 2018
Melbourne Convention and Exhibition Centre**

TRACK: Paediatrics

Saturday 21 April 2018

Session 1		Paediatrics 1: PET in Paediatric and Adolescent Malignancy	
14:00-15:30	Chair: Ted Treves and Dr Zvi Bar-Sever	20 mins talk 10 mins at the end of each speaker for questions and discussion	
14:00-14:20 talk 14:20-14:30 Questions	PET/MRI in the Management of Paediatric Hodgkin's Lymphoma Learning Objectives: This presentation will 1- Review the role of 18F-FDG PET imaging in the evaluation of Paediatric Hodgkin's Lymphoma 2- Discuss protocol options for PET/MRI. 3- Provide case examples of the benefit of PET/MRI in the evaluation of Paediatric Hodgkin's Lymphoma	Dr Lisa J States, Children's Hospital of Philadelphia, Philadelphia, USA	30 mins
14:30-14:50 Talk 14:50-15:00 Qns	PET/CT and PET/MRI in the Management of Paediatric Sarcomas Learning Objectives: 1- Get familiar with the current clinical scenario of paediatric sarcomas; 2- Have an overview of PET/CT applications in sarcomas, with particular focus on bony localizations; 3- Understand potentialities and limitations of PET/MRI in sarcoma clinics.	Dr Egesta Lopci, Humanitas Clinical and Research Hospital, Milan, Italy	30 mins
15:00-15:20 Talk 15:20-15:30 Qns	PET/CT in the Evaluation of Uncommon and Rare Malignancies Learning Objectives: 1. To understand the pathology of uncommon and rare paediatric malignancies and which PET agents are applicable 2. To understand the clinical application of PET in these tumours 3. Knowledge and use of other imaging modalities in these malignancies.	Prof. Robert Howman-Giles, The Children's Hospital at Westmead, Sydney, Australia	30 mins
Session 2		Paediatrics 2: PET in Paediatric Non-oncological conditions	
1615 - 1745	Chair: Isobel Roca and Prof Robert Howman-Giles	20 mins talk 10 mins at the end of each speaker for questions and discussion	
16:15-16:35 Talk 16:35-16:45 Qns	PET/CT in Paediatric Non-oncological Conditions 1/ Understand the diagnostic value of PET/CT in children with fever of unknown origin 2/ Understand how PET/CT may change clinical treatment in immune compromised paediatric patients.	Dr. Marguerite Parisi, Seattle Children's Hospital, Washington, USA	30 mins
16:45-17:05 talk 17:05-17:15 Qns	PET in Paediatric Neurology and Neuro-oncology Intended Learning Objectives 1. To understand the role of PET/CT in the surgical management of intractable epilepsy in children. 2. To understand the role of PET/CT in the management of children with primary brain tumours.	Dr Kevin London, The Children's Hospital at Westmead, Sydney, Australia	30 mins
17:15-17:35 Talk 17:35-17:45 Qns	PET/MRI Applications in Paediatric Epilepsy and Non-oncological Conditions Learning objectives 1/ Role of PET/MR in surgical planning for paediatric epilepsy patients 2/ How PET/MR may change clinical treatment in febrile paediatric patients.	Dr Peter Francis, Royal Childrens Hospital, Melbourne, Australia	30 mins

Monday 23 April 2018

Paediatrics 3: Paediatric Nuclear Medicine- Update and Pearls			
1615 - 1745	Chair: Dr Marguerite Parisi		
16:15-16:25	Hepatobiliary Scintigraphy in Paediatric Care Learning Objectives 1. To understand the clinical indications for hepatobiliary scans in children. 2. To understand abnormal patterns of hepatobiliary scans in children.	Dr Kevin London, The Children's Hospital at Westmead, Sydney, Australia	10 mins
16:25-16:35	Lymphoscintigraphy in Paediatric Practice Learning Objectives: 1. Use in paediatric lymphatic disorders 2. Knowledge of lymphoscintigraphy patterns 3. Knowledge on best protocols.	Prof. Robert Howman-Giles, The Children's Hospital at Westmead, Sydney, Australia	10 min
16:35-16:55	Nuclear Medicine in Paediatric GIT disorders Learning objectives 1. The "Milk Scan": strengths and limitations in the evaluation of gastroesophageal reflux and pulmonary aspiration 2. Liquid and solid phase gastric emptying scintigraphy in children, study technique and interpretation.	Dr Zvi Bar-Sever, Schneider Children's Medical Center of Israel, Israel	20 mins
16:55-17:45	Read with the Experts Learning Objectives: 1. To understand and report on general nuclear medicine techniques in various childhood conditions 2. To understand the role of SPECT CT in paediatric bone diseases and other oncological and benign conditions e.g.GI bleeds, inflammatory bowel disease and MIBG studies.	Prof Robert Howman-Giles, Dr Zvi Bar-Sever, Dr Kevin London	50 mins