



PRE CONGRESS WORKSHOP

Advanced Seminar in Nephrology

26th July 2026 | 07:30 Hrs – 15:45 Hrs | First Floor, UCFM Tower, Colombo

Number of participants: 60

TIME	TOPIC	SPEAKER
Morning Session: Using Genetics to Understand Kidney Disease		
07:30 – 08:00 Hrs	Registration	
08:00 – 08:15 Hrs	Challenges in setting up a genetic analysis facility in a low resource country	Dr Thushara Priyawansa Consultant Geneticist, Children's Hospital, Peradeniya, Sri Lanka
09:15 – 09:35 Hrs	Genomic architecture	Prof. Horia Stanescu Centre for Genetics and Genomics, Department of Renal Medicine, University College, London, UK
09:35 – 09:55 Hrs	Sequencing, variant identification and filtering	Prof. Asaf Viavante Head of Department of Paediatrics – Edmond and Lily Safra Children's Hospital, Israel
09:55 – 10:15 Hrs	Sample collection protocols, quality control, and biobank design	Prof. Mark Kristiansen Head of UCL Genomics, University College, London, UK
10:15 – 10:30 Hrs	Discussion	
10:30 – 10:50 Hrs	Tea Break	
10:50 – 11:10 Hrs	Challenges in setting up a bio banking facility in a low resource setting	Dr Vindhya Subasinghe Consultant Paediatric Clinical Geneticist – Lady Ridge Children's Hospital, Sri Lanka
11:10 – 11:25 Hrs	GWAS design, imputation, and fine-mapping in renal traits	Dr. Mallory Downie Consultant Paediatric Nephrologist, McGill University, Montreal, Canada
11:25 – 11:45 Hrs	Phenotype-driven diagnostics and candidate variant validation	Prof. Detlef Böckenhauer Department of Cellular and Molecular Medicine, Faculty of Medicine, Leuven, Belgium
11:45 – 12:05 Hrs	Hands-on bioinformatics: variant calling, annotation, and interpretation	Prof. Horia Stanescu
12:05 – 12:15 Hrs	Discussion	
12:15 – 13:00 Hrs	Lunch	

TIME	TOPIC	SPEAKER
Afternoon Session: Critical Care Nephrology		
13:00 – 13:30 Hrs	Paediatric Acute Kidney Injury (AKI): A Rational and Practical Approach	Prof. Randula Ranawaka Professor in Paediatric Nephrology, Lady Ridgeway Children's Hospital, Colombo, Sri Lanka
13:30 – 14:00 Hrs	CRRT : Timing the Start Right	Dr Udana Ratnapala Consultant Nephrologist, DGH Chilaw
14:00 – 14:10 Hrs	Transition / Group Allocation Hands-on Skill Stations (Participants rotate through all stations)	
14:10 – 14:40 Hrs	Station 1: Peritoneal Dialysis in AKI	Prof. Rajiv Sinha Professor of paediatric medicine and Head of Department in paediatric nephrology, Institute of Child Health, Kolkata, India
14:40 – 15:10 Hrs	Station 2: Continuous Renal Replacement Therapy (CRRT)	Dr. Sidharth Sethi Consultant Paediatric Nephrologist and Director Paediatric Nephrology – Cloud nine Hospital, Gurgaon, New Delhi, India
15:10 – 15:40 Hrs	Station 3: Electrolyte and Acid–Base management	Prof. Detlef Böckenhauer Department of Cellular and Molecular Medicine, Faculty of Medicine, Leuven, Belgium
15:40 – 15:45 Hrs	Round up & Closure	

Presented by
Sri Lanka College of Paediatricians
Sri Lanka Society of Nephrology
Asia Pacific Pediatric Association

In collaboration with
Rare Kidney Disease Centre,
Faculty of Medicine,
University of Colombo



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