PRIMER IN PEDIATRIC NEPHROLOGY FOR ASIA
CME Interactive Course

21-24 June 2012, Singapore

IMPORTANT DEADLINES

Early Bird Registration: before 1 March 2012, Thursday
Course Fee: SGD $150.00
Dialysis Workshop: SGD $50.00

Standard and On-site Registration: from 1 March 2012, Thursday
Course Fee: SGD $200.00
Dialysis Workshop: SGD $100.00

Limited to first 200 registrants only

Visit our website www.nuhkids.com (under “What’s New?”)
For more information, please contact:
Hazel Foo at (+65) 67722447 or email hazel_bt_foo@nuhs.edu.sg
Greetings from Singapore!

As Asia has one-third of the world’s land area, but its population is closer to two-thirds of the world’s total, a large proportion of whom are children. The number of Asian children afflicted with kidney diseases is therefore enormous. Pediatric Nephrology is a rapidly growing subspecialty in Asia. Over the past decade, advances in this field have made a significant impact on the quality of pediatric health care in many countries.

This interactive course aims to bring the latest scientific updates and technological developments in the field, not only to established pediatric nephrologists, but also to pediatricians caring for children with kidney disease, as well as trainees in pediatrics and pediatric nephrology. The syllabus is extensive, ranging from basic pediatric nephrology to the principles of dialysis and transplantation in children. The explosion in knowledge accompanying the Human Genome Project has also improved our understanding of many pediatric renal diseases. Thus this Course will also attempt to bridge the gap from bench to bedside. In addition, there will be a dialysis workshop with interactive stations for small group participation.

With a Faculty that includes well-known international speakers from North America, Europe and Asia, we are confident this course will not only provide interesting interactive learning experiences, but also ample networking opportunities.

On behalf of the Organising Committee, I would like to extend a warm welcome to all of you to attend this intensive interactive course, "Primer in Pediatric Nephrology for Asia".

Looking forward to welcoming you in Singapore!

Professor Hui-Kim Yap
Head, Shaw-NKF-NUH Children’s Kidney Centre
University Children’s Medical Institute
National University Health System
Secretary-General
Asian Pediatric Nephrology Association

Faculty Members

**Arvind Bagga**
Professor and Head, Division of Nephrology, Department of Pediatrics
All India Institute of Medical Sciences

**Stanley C. Jordan**
Professor of Pediatrics & Medicine, David Geffen School of Medicine at UCLA
Director, Nephrology & Transplant Immunology
Medical Director, Kidney Transplant Program, Cedars-Sinai Medical Center

**Isidro B. Salusky**
Professor of Pediatrics,
Associate Dean for Clinical Research
Clinical Director, Pediatric Dialysis Program
Director, General Clinical Research Center
David Geffen School of Medicine at UCLA

**Franz Schaefer**
Professor of Pediatrics and Chief of the Pediatric Nephrology Division
Heidelberg University Hospital
**Faculty Members**

**Christoph Licht**  
Associate Professor, Department of Pediatrics, University of Toronto  
Physician, Division of Nephrology, The Hospital for Sick Children

**Paul Winyard**  
Head, Nephro-Urology Unit, UCL Institute of Child Health, London, UK

**Timothy Bunchman**  
Professor & Director of Pediatric Nephrology, Dialysis & Transplantation  
Helen DeVos Children’s Hospital, Grand Rapids, MI

**Alwin Hwai-Liang Loh**  
Consultant, Department of Pathology, Singapore General Hospital  
Assistant Professor, Duke-NUS Graduate Medical School, Singapore

**Hui-Kim Yap**  
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Senior Consultant, Division of Pediatric Nephrology, Shaw-NKF Children’s Kidney Center, University Children’s Medical Institute, National University Health System, Singapore

**Jeevesh Kapur**  
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**Kar-Hui Ng**  
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**Marion Aw**  
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**Puay-Hoon Tan**  
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**Roy Joseph**  
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Head & Senior Consultant, Division of Pediatric Nephrology, KK Women’s & Children’s Hospital, Singapore

**Yong-Hong Ng**  
Deputy Head, Department of Pediatrics and  
Consultant, Division of Pediatric Nephrology, KK Women’s & Children’s Hospital, Singapore
General Course Information

Learning Objective

Provide basic training and state-of-the-art updates on major topics in Pediatric Nephrology, including dialysis and transplantation.

Target Participants

- Pediatric nephrologists
- General pediatricians with interest in nephrology
- Trainees in pediatrics or pediatric nephrology

Modules - Thursday, 21 June 2012 to Saturday, 23 June 2012

1. Pathology
   - Renal Pathology for the Pediatric Nephrologist
   - Vignettes in Glomerulonephritis: Clinicopathological Correlations

2. Basic Nephrology
   - Approach to Hematuria and Proteinuria
   - Challenges in Management of Hypertension in Children
   - Controversies in Determination of Renal Function in Asian children
   - State-of-the-art in Renal Imaging

3. Fluid, Electrolyte and Acid-Base Disorders
   - Current Controversies in Fluid Management in Pediatrics
   - Case Vignettes in Electrolyte and Acid-base Disorders

4. Congenital Abnormalities of Kidney and Urinary Tract
   - Approach to Cystic Renal Lesions
   - Congenital Abnormalities of the Kidney and Urinary Tract
   - New Thoughts on Childhood Urinary Incontinence
   - Update on Management of Urinary Tract Infections and Vesicoureteric Reflux

5. Acute Kidney Injury and Continuous Renal Replacement Therapy
   - Atypical Hemolytic Uremic Syndrome: Where are we today? (approach to dx and latest update in Mx)
   - What’s new and not-so-new in Acute Kidney Injury in Children?
   - Dialytic Management in Acute Kidney Injury

6. Hemodialysis
   - Hemodialysis in Children: Concepts in Prescription and Adequacy

7. Peritoneal Dialysis
   - Prescription and Adequacy in Peritoneal Dialysis
   - Peritonitis Treatment: Updates from International Pediatric Peritonitis Network

8. Transplantation
   - Basic Transplant Immunology for Nephrologists
   - Update in Management of Graft Rejection
   - Infections after Renal Transplantation
9. Chronic Kidney Disease (CKD)
   - What’s New in Renal Anemia?
   - New Insights into CKD-Mineral Bone Disease
   - Nutrition in Chronic Kidney Disease
   - The Cardiovascular System in Pediatric CKD
   - Complications of Hemodialysis: Infectious and Non-infectious

10. Tubular Diseases
    - A Walk Down Renal Tubule/Renal Tubular Disorders
    - Renal Tubular Acidosis
    - Renal Rickets (exclude ROD)

11. Childhood Glomerulonephritis
    - Evidence-Based Updates on Treatment of Refractory Nephrotic Syndrome
    - Evidence-Based Management in Henoch Schonlein Nephritis and IgA Nephropathy Spectrum
    - Improving Outcomes in Lupus Nephritis
    - Clinical Approach to Inherited Glomerular Diseases
    - The New Biologics in Glomerulonephritis

12. Essential Skills in Pediatric Nephrology
    - Principles in Appraising Evidence-Based Medicine
    - Ethical Dilemmas in Pediatric Nephrology
    - Basic Genetics for the Pediatric Nephrology

The organizing committee reserves the right to change the lecture topics without prior notice.

Hands-on Dialysis Workshop – Sunday, 24 June 2012

The aim of this full-day workshop is to provide the participants with hands-on learning experiences on issues related to hemodialysis, peritoneal dialysis and continuous venovenous hemodiafiltration in children. Participants will be rotated in small groups through different learning stations. The format is designed to allow small-group discussions with faculty so as enhance understanding of concepts, and will include hands-on practical sessions, case scenarios and quizzes. Dialysis prescription, adequacy and access options, as well as common challenges and complications, will be covered.