The Hong Kong Society of Child Neurology and Developmental Paediatrics

Annual Scientific Meeting 2011
18 – 21 November 2011 • Hong Kong

“Paediatric Neuro-Radiology”

Programme Book
The Hong Kong Society of Child Neurology and Developmental Paediatrics

www.hkcndp.org
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<td>Ms. Shirley Fong (HKPU), Ms. Josephine Cheung (CAS), Mr. Stanley Chan (HKPU)</td>
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<td>Ms. Shirley Fong (HKPU), Ms. Josephine Cheung (CAS), Mr. Stanley Chan (HKPU), Ms. Sandra Wong (CAS), Ms. Carmen Cheng (SAHK)</td>
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**Venues:**

**18 – 20 Nov 2011:**
Lecture Theatre, G/F., Block M, Queen Elizabeth Hospital, 30 Gascoigne Road, Jordan

**21 Nov 2011:**
Jade Ballroom, 2/F., Eaton Smart, Hong Kong, 380 Nathan Road, Jordan
The Hong Kong Society of Child Neurology and Developmental Paediatrics

Paediatric Neuro-radiology

G/F., Block M, QEH

2/F., Jade Ballroom, Eaton Smart, Hong Kong

Queen Elizabeth Hospital 伊利沙伯醫院
18 – 20 November 2011

Eaton Smart, Hong Kong 香港逸東「智」酒店
21 November 2011
Welcome Message

We are pleased that our Annual Scientific Meeting for this year will be held on 18 – 21 November 2011 at the Queen Elizabeth Hospital and Eaton Smart, Hong Kong. The theme for the meeting this year is “Paediatric Neuro-Radiology”. We are privileged to have Professor Paul Griffiths from the United Kingdom as our Course Director to deliver lectures covering important aspects of this condition.

Professor Paul Griffiths is a world-renowned specialist on the subject. He has been the Professor of Radiology at the University of Sheffield since 1996. He did his undergraduate and Radiology training in Manchester as well as his PhD in Experimental Neurology. He completed his sub-specialty training in Neuroradiology in Newcastle and then worked at the Hospital for Sick Children, Toronto as their first International Neuroradiology Scholar in 1994. He is a paediatric neuroradiologist with major research interests in the field of developing brain and spine.

Based on his immense experience on the subject, Professor Griffiths is going to give us a series of first hand information and knowledge on the cutting edge of Paediatric Neuro-Radiology. In addition to Professor Griffiths we shall also be hosting local experts from the fields of radiology, neurosciences and paediatrics, to share with us their latest research, both basic and clinical, and the most up-to-date information in this area, which will be of interest to specialists and professionals alike. With such good collection of speakers and knowledgeable audience, we are anticipating a stimulating meeting of minds which will surely bear fruitful results to shed lights and directions on the subject of Paediatric Neuro-Radiology by professionals in our Community.
I would like to take this opportunity to thank Queen Elizabeth Hospital for providing us with the meeting venue, and to express my gratitude to the following key figures for contributing to the success of this Annual Scientific Meeting: Dr. Wai-kwong Chak, Dr. Catherine Lam, Dr. Stephenie Liu, Dr. Kwing-wan Tsui, Dr. Theresa Wong, as well as all speakers at the Meeting. Special thanks are due to Wyeth Hong Kong Limited for their support via an Educational Grant as well as to Ms. Melissa Leung and Ms. Sigourney Liu of UBM Medica Pacific Limited for their efficient organization of this Meeting. Most important of all, I would like to thank all members for their support and all registrants for their active participation which are always vital for the success of this Meeting. For all your support, I say thank you and I look forward to having your continual support in all future activities of our Society.

I wish you all a fruitful and enjoyable Annual Scientific Meeting 2011!

Dr. Chok-wan Chan
President
Hong Kong Society of Child Neurology & Developmental Paediatrics
Council Members

The Hong Kong Society of Child Neurology and Developmental Paediatrics
(2010 – 2012)

President: Dr. Chok-wan Chan
Vice President: Dr. Catherine Chi-chin Lam
Honorary Secretary: Dr. Stephenie Ka-yee Liu
Honorary Treasurer: Dr. Theresa Yee-ling Wong
Council Members:
Dr. Wai-kwong Chak
Dr. Sharon Wan-wah Cherk
Dr. Tim Kam-tim Liu
Dr. Kwing-wan Tsui
Dr. Eric Kin-cheong Yau
Dr. Sam Chak-ming Yeung
Co-opt Council Member:
Dr. Florence Mun-yau Lee

Organizing Committee

Members:
Dr. Wai-kwong Chak
Dr. Catherine Chi-chin Lam
Dr. Stephenie Ka-yee Liu
Dr. Kwing-wan Tsui
Dr. Theresa Yee-ling Wong
## Course Director

Paul Griffiths has been the Professor of Radiology at the University of Sheffield since 1996. He did his undergraduate and Radiology training in Manchester as well as his PhD in Experimental Neurology. He completed his sub-speciality training in Neuroradiology in Newcastle and then worked at the Hospital for Sick Children, Toronto as their first International Neuroradiology Scholar in 1994. He is a paediatric neuroradiologist with major research interests in the developing brain and spine.

## Faculty Members

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<tr>
<th>Name</th>
<th>Affiliation</th>
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<tr>
<td>Dr. Wai-kwong Chak</td>
<td>Associate Consultant</td>
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<td>Department of Paediatrics and Adolescent Medicine</td>
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<td>Dr. Chok-wan Chan</td>
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<td>Dr. Dawson Fong</td>
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<td>Pamela Youde Nethersole Eastern Hospital</td>
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<td>Dr. Sam Yeung</td>
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Detailed Scientific Programme

Date: 18 Nov 2011 (Friday)
Venue: Lecture Theatre, G/F., Block M, Queen Elizabeth Hospital
Chairpersons: Dr. Chok-wan Chan and Dr. Catherine Lam

1830 – 2000 Registration and Light Buffet Dinner
2000 – 2200 Seminar I
Imaging of normal and abnormal brain development
Prof. Paul Griffiths, UK

Date: 19 Nov 2011 (Saturday)
Venue: Lecture Theatre, G/F., Block M, Queen Elizabeth Hospital
Chairperson: Dr. Stephenie Liu and Dr. Kwing-wan Tsui

1330 – 1400 Registration
1400 – 1500 Seminar II
Pre and post natal development of the cerebral hemisphere
Prof. Paul Griffiths, UK
1500 – 1530 Coffee Break
1530 – 1730 Local Presentation I
Navigation in neurosurgery
Dr. John Kwok, Hong Kong
Imaging of paediatric stroke
Dr. Wendy Lam, Hong Kong
The application of brain imaging in epilepsy – a child neurologist perspective
Dr. Wai-kwong Chak, Hong Kong

Date: 20 Nov 2011 (Sunday)
Venue: Lecture Theatre, G/F., Block M, Queen Elizabeth Hospital
Chairpersons: Dr. Wai-kwong Chak and Dr. Sam Yeung (Morning Sessions)
Dr. Tim Liu and Dr. Eric Yau (Afternoon Sessions)

0900 – 0930 Registration
0930 – 1030 Seminar III
The role of fetal MR in detecting brain abnormalities
Prof. Paul Griffiths, UK
1030 – 1130 Free Paper Presentations
The effect of Taekwondo training on balance and sensory organization in children with developmental coordination disorder: a randomized controlled trial
Ms. Shirley Fong, Hong Kong
New Chinese reading acuity charts for Hong Kong Chinese children
Ms. Josephine Cheung, Hong Kong
A randomized controlled trial to compare the effects of directive and non-directive parenting programmes
Mr. Stanley Chan, Hong Kong
Speech recognition ability of children with High Frequency Sensori-neural Hearing Loss (HFSHL) using the Cantonese Hearing in Noise Test (CHINT)
Ms. Sandra Wong, Hong Kong
Effectiveness of structured home-based somatosensory training programme for improving attention on preschool children with Autistic Spectrum Disorder (ASD)
Ms. Carmen Cheng, Hong Kong

1130 – 1200  Coffee Break

1200 – 1300  Seminar IV
Imaging of the phakomatoses
Prof. Paul Griffiths, UK

1300 – 1400  Light Buffet Lunch

1400 – 1445  Local Presentation II
Neuro-surgical case discussion
Dr. Dawson Fong, Hong Kong

1445 – 1530  Case Presentations
A 10 years old girl with right cerebral atrophy and leptomeningeal angiolipomatosis
Dr. Kam-hung Ma, Hong Kong

Case sharing
Dr. Grace Ng, Hong Kong

1530 – 1600  Coffee Break

1600 – 1700  Seminar V
Advances in neonatal brain MR
Prof. Paul Griffiths, UK

Date:   21 Nov 2011 (Monday)
Venue:  Jade Ballroom, 2/F., Eaton Smart, Hong Kong
Chairpersons:  Dr. Chok-wan Chan and Dr. Theresa Wong

1830 – 1900  Registration
1900 – 2000  Keynote Lecture
An approach to imaging children with cerebral palsy
Prof. Paul Griffiths, UK

2000 – 2200  Chinese Banquet

• Academic Accreditations

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Imaging of normal and abnormal brain development
Paul Griffiths
Professor, Department of Radiology, The University of Sheffield, UK

In this seminar I will introduce an approach to interpreting paediatric brain malformations on MR imaging based on knowledge of normal brain of development. I will describe the signature abnormalities for each epoch on the basis of the developmental defect and provide examples from fetal and paediatric imaging.

Suggested reading
The ‘Congenital malformations of the brain and skull’ chapter in Barkovich’s Pediatric Neuroimaging book.
Seminar II

Pre and post natal development of the cerebral hemisphere
Paul Griffiths
Professor, Department of Radiology, The University of Sheffield, UK

I will now go into much more detail about the development of the cerebral hemispheres in the second and third trimesters of pregnancy and show more detailed examples of abnormal cortical formation. Subsequently I will go on to describe the major post-natal brain changes that are visible on MR imaging, primarily evolving myelination.

Suggested reading

The ‘Congenital malformations of the brain and skull’ and ‘Normal development of the neonatal and infant brain, skull and spine’ chapters in Barkovich’s Pediatric Neuroimaging book.
Navigation in neurosurgery

John Kwok
Chief of Service, Department of Neurosurgery, Kwong Wah Hospital, Hong Kong

Progress in image-guided neurosurgery, and specifically in computer-assisted frameless navigation techniques and the application of robotic systems, has brought about many changes in the way we approach and treat pathologies involving the adult and paediatric central nervous system. Nevertheless, children are a patient group with special demands, in whom image-guided surgical techniques have certain limitations. In this presentation, special focus shall be presented in the common problem of registration accuracy in image-guided neurosurgery and assess both the reliability and the potential of ultrasound-based neuronavigation and robot-assisted neuroendoscopy in paediatric patients.

Methods and Results: The presentation shall explore the referencing and tracking techniques adapted to the needs of the paediatric patient. In addition, advantages and limitations of a 3D real-time ultrasound-based navigation system are illustrated.

The application of 3D printing and fabrication of skull model for cranioplasty and craniofacial reconstruction shall be presented. Finally, experience with MKM robot-assisted neuromicroscope shall be presented and discuss the possible implications of the technique for the future.

Conclusion: Image-guided techniques in paediatric neurosurgery are valuable tools and may open up new perspectives in the future. With the prospect of developing the Centre of Excellence in paediatric and Neurosurgery in Hong Kong, we shall expect a quantum leap in adult as well as paediatrics neurosurgical care.
Paediatric Stroke is a non-specific term. It means the sudden development of a neurological deficit, including everything from hypoxic-ischaemic injury in premature infant to hemorrhagic infarction from arterial or venous causes in infants and children. It’s etiology can be identified in about 75% of cases and can be divided into 2 categories: ischaemic stroke and parenchymal haemorrhage. Cardiac disorders and hemoglobinopathy are the most common causes of ischaemic infarcts. Congenital anomalies of blood vessels or defects in coagulation or platelet function are common causes of parenchymal hemorrhage.

The role of imaging is to establish and confirm diagnosis of stroke, to identify the underlying disease for timely therapy; to exclude other conditions that mimic stroke, such as tumour or subdural haematoma; and to help in the long term management and prevention. Non–contrast CT scan is usually the initial diagnostic study. It aims to differentiate ischaemia from parenchymal haemorrhage, and identify underlying lesions such as tumour, vascular malformation and subdural/epidural haematoma. MRI is more sensitive than CT to subtle increases in bulk water. It can detect acute infarction within 6-24 hours and can define the extent of infarction better than CT. However, standard MRI failed to detect 10-20% acute stroke. Other imaging techniques can be used. They include MR/CT angiography, Diffusion-Weighted Imaging (DWI), MR/CT Perfusion-Weighted Imaging (PWI), MR spectroscopy, and last but not least, conventional cerebral angiography.

The indications, pros and cons of different kinds of imaging modalities will be discussed. Some mimics of paediatric stroke will also be discussed.
The application of brain imaging in epilepsy – a child neurologist perspective

Wai-kwong Chak
Associate Consultant, Department of Paediatrics and Adolescent Medicine, Tuen Mun Hospital, Hong Kong

There is no doubt lot of new advance in brain imaging in epilepsy in recent year. Because of these, we now have much better understanding of the underlying etiologies of epilepsy. Moreover, we are now able to localize the epileptogenic focus/lesion and hence resective surgery become possible nowadays. Different modalities of brain imaging include: MRI, PET, SPECT, DTI, MEG and it’s application in epilepsy care will be discussed. Case illustration and experience sharing by NTWC epilepsy team to show how brain imaging incorporating with other investigations includes: video EEG, neuropsychology etc helping in individual epilepsy care.
Seminar III

The role of fetal MR in detecting brain abnormalities

Paul Griffiths
Professor, Department of Radiology, The University of Sheffield, UK

Based on the knowledge from seminars I and II, I will show what impact in utero MR has had in the detection of fetal brain abnormalities during pregnancy. I will also describe some of the techniques used to image the fetus in this situation.

Suggested reading


The effect of Taekwondo training on balance and sensory organization in children with developmental coordination disorder: a randomized controlled trial

Shirley Fong, William Tsang
Department of Rehabilitation Sciences, The Hong Kong Polytechnic University

Background & Objectives: Children with developmental coordination disorder (DCD) have poorer postural control. This study aimed to evaluate the effects of three months of taekwondo (TKD) training on the sensory organization and standing balance of children with DCD.

Methods: Forty-four children with DCD (mean age: 7.6±1.3 years) and 18 typically developing children (mean age: 7.2±1.0 years) were recruited. Twenty-one children with DCD were randomly selected to undergo daily TKD training for three months. Twenty-three children with DCD and 18 typically developing children received no training as controls. Sensory organization and standing balance were evaluated using a sensory organization test (SOT) and unilateral stance test (UST), respectively.

Results: Improvements in the vestibular ratio ($p=0.003$) and UST sway velocity ($p=0.007$) were significantly greater in the DCD-TKD group than in the DCD-control group. There was no significant difference in the average vestibular ratio or UST sway velocity between the DCD-TKD and normal-control group after TKD training. No change was found in the somatosensory ratio after TKD training. Significant improvements in visual ratios, vestibular ratios, SOT composite scores and UST sway velocities were also observed in the DCD-TKD group after training ($p<0.01$).

Conclusion: Three months of daily TKD training can improve sensory organization and standing balance for children with DCD. Clinicians can suggest TKD as a therapeutic leisure activity for this population.

Reference

New Chinese reading acuity charts for Hong Kong Chinese children

Josephine Cheung1, Dily Liu2, Allen Cheong2
1Child Assessment Service, Department of Health; 2School of Optometry, The Hong Kong Polytechnic University

The aims of the study is to develop a set of Chinese Reading Acuity Charts for Hong Kong Chinese Children. 169 students aged from 7 to 9 years (P.2-P.5 local primary students) with normal vision were recruited. Reading performance were measured by Traditional-Chinese version of MNREAD Acuity Chart and short Chinese passages (derived from K1-P1 Children’s story books). This acuity chart comprises single sentences at a range of print sizes (1.3 logMAR to -0.3 logMAR) in 0.1 log steps. Each sentence consists of 18 Chinese words printed over three lines and the legibility for individual sentence was classified as P.2 or below. Three acuity charts were produced for measuring participant’s reading speed as a function of print size. Each participant was asked to read aloud one sentence at a time, as quickly and accurately as possible. Reading time and number of errors made for each sentence were recorded and converted to reading speed in number of corrected words read per minute. Reading data were analyzed by nonlinear mixed-effects models to estimate maximum reading speed, critical print size and reading acuity. Other than sentence reading, passage reading performance was measured by asking the participants to read the six short Chinese passages. Reading performance measured by sentences and passages were compared using correlation analysis. Repeatability of reading data were also analyzed. This Chinese reading acuity charts can be applied for assessing the reading performance of children and informed the management for dyslexic and low vision children, as well as the fonts size enlargement recommendation.

A randomized controlled trial to compare the effects of directive and non-directive parenting programmes

Stanley Chan, Cynthia Leung
Department of Applied Social Science, The Hong Kong Polytechnic University

Robust evidence on the effectiveness of directive parenting programmes in reducing child behavioral problems and parental stress can be abundantly found in psychological literature. However, critiques against these directive parenting programmes emerged regarding their adherence to values of western cultural values and their implicit indication of the inadequacy onto the participating parents. The present study focused on comparing the effectiveness of directive (adopting Triple P - Positive Parenting Program) and non-directive parenting programmes with a sample of 92 Hong Kong Chinese parents of preschoolers recruited from eight kindergartens and a local church. They were randomized into Triple P group, non-directive group, and control group and completed measures on their perception of child behavioral problems and their parenting stress before and after intervention. No significant difference was found in the pre-intervention measures between the three groups. At post-intervention phase, results indicated significantly greater decrease in child disruptive behaviors among participants in the Triple P group than those in the non-directive group and control group while no significant group difference was found between the latter two groups. Also, no significant difference was found in post-intervention parental stress level among the three groups. Implications regarding these findings were discussed.
Speech recognition ability of children with High Frequency Sensorineural Hearing Loss (HFSHL) using the Cantonese Hearing in Noise Test (CHINT)

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High Frequency Sensorineural Hearing Loss (HFSHL) is classified as non-significant hearing impairment. However, numerous studies have indicated that listeners with mild grade sensorineural loss experience difficulty in understanding speech, especially in noisy situations. To better understand the difficulty, children with HFSHL, experience in comprehending speech, this study examined speech reception thresholds (SRTs) of children with HFSHL in quiet and noisy situations using the Cantonese Hearing in Noise Test (CHINT). Moreover, the effect of varied degrees of HFSHL on changes in SRTs was examined. 30 children with HFSHL and 48 adults with normal hearing (NH) participated in this study. Correlation analysis indicated SRTs and hearing threshold levels were highly correlated \( p < 0.01 \) in both quiet and noise conditions. The trend of response changes in SRT associated with increased severity of HFSHL was clearly demonstrated by the multiple means comparisons. SRT was significantly poorer in most HFSHL groups than in the NH group \( p < 0.001 \). Overall, children with HFSHL performed better in the speech recognition task in quiet situations. Children with more severe HFSHL experienced greater difficulty in speech recognition performance than individuals without or with less HFSHL. Children with HFSHL performed poorer than normal hearing individuals in CHINT.

Effectiveness of structured home-based somatosensory training programme for improving attention on preschool children with Autistic Spectrum Disorder (ASD)

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This study aimed to investigate the effectiveness of structured home-based somatosensory programme on attention of children with Autistic Spectrum Disorder (ASD) demonstrating sensory modulation problem(s). Rinaldi, Perrodin & Markram (2008) found neuronal microcircuit alterations (hyperconnectivity and hyperplasticity) in both somatosensory and prefrontal cortices of animal model simulated with ASD condition. The inhibitory mechanism was suggested to be malfunction. Studies suggested sensory inputs were able to activate the inhibitory circuits underlying intracortical inhibition (Aracri et al., 2010; Trompetto, Buccolieri & Abbuzzese, 2001). 17 children with ASD aged 3-6 years old were recruited and assessed every 7 days on visual and auditory attention until a stable baseline was established. 4-week daily home-based somatosensory training programme, consisted of tactile and proprioception-rich activities were introduced in the treatment phase. Significant differences were found in pre- and post-treatment difference of visual attention \( (p < 0.001) \), auditory attention \( (p=0.001; p=0.002) \) and Cognition and Inattention index T score \( (p=0.001) \). Significant correlations were found among sensory sensitivity, sensory seeking and low registration of Sensory Profile with the Cognitive Problem/Inattention index of CRS-R using Spearman’s R correlation \( r=0.60, p=0.011; r=0.69, p=0.002; r=0.54, p=0.026 \) suggesting that a relationship existed between sensory modulation and attention. The present study suggests 4-week intensive somatosensory programme can improve attention of children with ASD.
Imaging of the phakomatoses

Paul Griffiths
Professor, Department of Radiology, The University of Sheffield, UK

Children with phakomatoses often require neuroimaging. In this seminar, I will concentrate on the MR appearances of the three commonest phakomatoses, Sturge-Weber syndrome, Tuberous Sclerosis complex and Neurofibromatosis type 1 but will also show cases from the rarer phakomatoses.

Suggested reading


Neuro-surgical case discussion

Dawson Fong
Chief of Service, Department of Neurosurgery, Tuen Mun Hospital, Hong Kong

In this day and age, the practice of neurosurgery depends very much on the sophistication of various modalities of neuroimaging. Not only would it help in making a diagnosis and facilitate our decision to suggest surgery, it would also help us to design our approach and navigate through the all too important structures of the central nervous system lest we inflict undue morbidities.

In this session, interesting cases will be brought up for sharing to demonstrate how neurosurgeons and radiologists are inseparable partners in delivering quality neurosurgical care of the modern era.
Advances in neonatal brain MR
Paul Griffiths
Professor, Department of Radiology, The University of Sheffield, UK

The current routine method for assessing the neonatal brain in many countries is ultrasonography, based on costs and the ability to perform such examinations at the cot side. In this presentation I will consider the potential advantages of neonatal MR over ultrasonography in this clinical situation and discuss potential strategies that will allow better access to MR in the neonatal period.
Keynote Lecture

An approach to imaging children with cerebral palsy
Paul Griffiths
Professor, Department of Radiology, The University of Sheffield, UK

In this lecture, I will consider the aetiology and epidemiology of cerebral palsy along the lines of correcting a common misunderstanding that it is always due to hypoxia ischaemic injury at birth. After considering the MR imaging appearances of other causes of cerebral palsy, I will return to the topic of brain injury caused by hypoxic ischaemic injury and explain some current concepts in anatomico-clinical correlations.

Suggested reading


Since the inauguration of our Society in 1994, Annual Scientific Meetings were held each year:

**2010**
Date: 26 – 29 November 2010  
Theme: Neuro-Immunology  
Keynote Lecture: Auto-antibodies in Paediatric Neurology  
Course Director: Professor Russell Dale, Australia

**2009**
Date: 13 – 16 November 2009  
Theme: Autism Spectrum Disorders: Updates on Management  
Keynote Lecture: Complementary and Alternative Medicine in Autism Spectrum Disorders: Public Forum  
Course Director: Professor Lonnie Zwaigenbaum, Canada

**2008**
Date: 21 – 24 November 2008  
Theme: Neuro-Genetics  
Keynote Lecture: Exploring the Neurogenetics of Mental Retardation  
Course Director: Professor Alan Percy, USA

**2007**
Date: 16 – 19 November 2007  
Theme: Energy Crisis of Nervous System  
Keynote Lecture: Approach to the Diagnosis and Management of Muscle Cramps, Exercise Intolerance and Recurrent Childhood Myoglobinuria  
Course Director: Dr. Ingrid Tein, Canada

**2006**
Date: 10 – 13 November 2006  
Theme: Attention Deficit Hyperactivity Disorder  
Keynote Lecture: Treatment of ADHD: Medical Behavioural and Educational and Prognosis  
Course Director: Professor Drake Duane, USA

**2005**
Date: 11 – 14 November 2005  
Theme: Neuromuscular Disorders of Infancy, Childhood and Adolescence  
Keynote Lecture: Childhood Neuromuscular Disorder from the Perspective of Adult Neurology  
Course Director: Professor Royden Jones, USA

**2004**
Date: 19 – 22 November 2004  
Theme: Paediatric Rehabilitation  
Keynote Lecture: Evolution of Developmental Paediatrics in Hong Kong  
Course Director: Dr. Chok-wan Chan  
Keynote Lecture: Developmental Paediatrics in the 21st Century  
Course Director: Professor Robert Armstrong, Canada

**2003**
Date: 19 – 22 September 2003  
Theme: Paediatric Neurocritical Care  
Keynote Lecture: Head Injury and Neuroscience – Inside Fragile Minds  
Course Director: Dr. Robert Tasker, UK
2002  Date: 8 – 11 March 2002  
Theme: Paediatric Neuro-Ophthalmology  
Keynote Lecture: The Apparently Blind Child  
Course Director: Professor David Taylor, UK

2000  Date: 8 – 11 December 2000  
Theme: Language Development, Learning Disorders and Brain Plasticity: Research and Clinical Implications  
Keynote Lecture: Language Development, Learning Disorders and Brain Plasticity: Research and Clinical Implications  
Course Director: Professor Albert Galaburda, USA

1999  Date: 20 – 22 November 1999  
Theme: Paediatric Neuro-Epidemiology  
Keynote Lecture: What Happens to Children who Suffer with Febrile Convulsions  
Course Director: Dr. C. M. Verity, UK

1998  Date: 14 – 16 July 1998  
Theme: Paediatric Epilepsy  
Keynote Lecture: Epilepsy: A Potential Reversible Cause of Developmental Disability  
Course Director: Professor Brian Neville, UK

1997  Date: 11 – 13 November 1997  
Theme: Neonatal Neurology  
Keynote Lecture: Brain Injury in Premature Newborn – An Overview  
Course Director: Professor Alan Hill, Canada

1996  Date: 29 October – 1 November 1996  
Theme: Paediatric Neurorehabilitation  
Keynote Lecture: Recent Advances in Paediatric Neurorehabilitation  
Course Director: Professor Joe Watt, Canada

1995  Date: 14 – 16 November 1995  
Theme: Neurometabolic Diseases  
Keynote Lecture: Update on Neurometabolic Diseases in Childhood  
Course Director: Professor Kenneth Swaiman, USA