

## **WFNS/AACNS Pre-meeting Course in Pediatric Neurosurgery**

### **Background of WFNS Education Course in Pediatric Neurosurgery**

The World Federation of Neurological Society (WFNS) has been founded since 1955 and is a professional, scientific, non-governmental organization comprising of 5 continental Associations, 103 National Neurosurgical Societies and 6 Affiliate Societies, representing some 30,000 neurosurgeons worldwide. The present President of WFNS (2009-2013) is Dr. Peter Black from Brigham and Woman's Hospital of Harvard Medical School. Dr. Yong-Kwong Tu from Taiwan is one of the second vice president. He is also the president of Asian Australasian Society for Neurological Surgeons (AASNS) and President-Elect of WFNS (2013-2017). Under the administrative council and executive committee, there are a total of 37 standing committees. Pediatric Neurosurgery Committee is one of them and Dr. Tai-Tong Wong from Taiwan is selected to be the chairman of the committee in the term of 2009-2013. The mission of Pediatric Neurosurgery Committee is to execute the mission WFNS in the field of pediatric neurosurgery. To implement, improve and promote the standards of pediatric neurosurgical care and training worldwide is one of our important tasks. For this purpose, we cooperative with continental associations and international societies by organizing premeeting educational courses and joining the main programs with targeted pediatric neurosurgical sessions. On December 1-4, 2011, on behalf of the AASNS, the 14<sup>th</sup> Asian Australasian Congress of Neurological Surgery will be held in Taipei. The Pediatric Neurosurgery Committee of WFNS is obligated to organize a premeeting course before the main program. The purpose is to promote and training pediatric neurosurgeons in our countries and countries of Asian Australasian region. In this educational course, we shall focus on Neuroendoscopy in the management of hydrocephalus and CSF related disorders.

### **Organizing Committee:**

#### **WFNS Pediatric Neurosurgery Committee:**

**Committee Chairman:** Tai-Tong Wong (Taiwan)

**Vice Chairmen:** Gianpiero Tamburrini (Italy), Kyu-Chang Wang (Korea),

**Advisory Committee:** Peter Black (USA), Yong-Kwony Tu (Taiwan), Wan Tew

SEOW (Singapore), Shizuo Oi (Japan), Dong-Seok Kim (Korea),

Chandrashekar Deopujari (India ), Tai-Ngar Lui (Taiwan), Zhenyu Ma

(China), S. Sakoolnamarka (Thailand)

**Secretary:** Muh-Lii Liang, Meng-Fai Kuo

**Treasurer:** Hsin-Hung Chen, Joong-Khim Loh

**Secretariat:** Hsin-Hua Chang

Division of Pediatric Neurosurgery  
Neurological Institute, Taipei Veterans General Hospital  
No. 201, Sec. 2, Shih-Pai Rd., Taipei, Taiwan 112, Republic of China

### **Sponsored List**

#### **Institution**

#### **Organization**

World Federation of Neurological Societies  
The Asian Australasian Society of Neurological Surgeons  
Taiwan Society for Pediatric Neurosurgery (TSPN)  
Taiwan Neurosurgical Society  
Fund of Pediatric Neuroscience of Taipei Veterans General Hospital

#### **Enterprise**

Schering-Plough (Taiwan)  
Codman

### **Venue**

Room 102, Taipei International Conference Center  
1, Hsin-Yi Rd., Sec 5, Taipei, 110 Taiwan, R.O. D.

### **Welcome Reception of faculty**

**Nov. 30, 2011**

Really Good Seafood Restaurant: 222, FuXing S Rd, Sec 1; (02) 2771-3000

### **Date of Education Course**

Dec. 1, 2011, 8:30 – 18:00

### **Invited Faculty Accommodation Hotel**

Grand Victoria Hotel (Already with confirmation of room reservation)  
ADD: No. 168, Jin Ye 4<sup>th</sup> Road, Taipei  
Tel: (02)8502-0000, Fax: (02)8502-0005

### **Main Themes**

Endoscopy in the management of hydrocephalus and related disorders  
Neurooncology: role of neuroendoscopy; basic and clinical updates

### **Faculty**

#### **China**

**Ma Jie**, Shanghai, China

Professor and Chair, Pediatric Neurosurgery, Xinhua Hospital, Shanghai  
School of Medicine, Shanghai Jiao Tong University, Shanghai, China

**Yazhuo Zhang**

Professor, Department of Neurosurgery, Beijing Tiantan Hospital,  
Capital University of Medical Science, Beijing, People's Republic of China

## **Hong Kong China**

### **Xian-Lun Zhu**

Consultant, Division of Neurosurgery,  
Department of Surgery, Prince of Wales Hospital, the Chinese University of Hong  
Kong, Hong Kong, China

## **England**

### **Guirish A Solanki**

Consultant Pediatric Neurosurgeon, Department of Pediatric Neurosurgery,  
Birmingham Children's Hospital, Birmingham, England

## **France**

### **Maurice Choux**

Professor and Founder of the ISPN  
The Madjid Samii Medal of Honor 2011  
Honorary President of the WFNS 2007  
Marseille, France

## **India**

### **C. Deopujari**

Head Pediatric Neurosurgery, Department of Neurosurgery, Bombay Hospital  
Institute of Medical Sciences, Mumbai, Maharashtra, India.

## **Italy**

### **Concezio di Rocco**

Professor of Neurosurgery, Division of Pediatric Neurosurgery,  
Catholic University, Medical School,  
Largo A. Gemelli, Rome, Italy

### **Gianpiero Tamburrini**

Division of Pediatric Neurosurgery,  
Catholic University, Medical School,  
Largo A. Gemelli, Rome, Italy

## **Japan**

### **Hajimi Arai.**

Professor, Department of Neurosurgery  
Juntendo University, school of Medicine, Tokyo, Japan  
harai@med.juntendo.ac.jp

**Mami Yamasaki**

Department of Neurosurgery, Osaka National Hospital, Osaka, Japan

**Korea**

**Kyu-Chang Wang**

M.D. Ph.D.,

Professor, Division of Pediatric Neurosurgery, Seoul National University  
Children's Hospital, Seoul, Korea

**Seung-Ki Kim**

Professor, Department of Neurosurgery, Seoul National University College of  
Medicine, Seoul, Republic of Korea.

**Dong-Seok Kim**

Professor, Department of Neurosurgery, Severance Children's Hospital, Yonsei  
University, College of Medicine, Seoul, Korea

**South Africa**

**Llewellyn C. Padayachy**

Assistant Professor, Pediatric Neurosurgery, Red Cross Children Hospital,  
Division of Neurosurgery, University of Cape Town,  
Cape Town, South Africa

**Taiwan**

**Tai-Tong Wong**

Professor and Chief, Division of Pediatric Neurosurgery, Neurological Institute,  
Taipei Veterans General Hospital, National Yang Ming University, School of  
Medicine, Taiwan

**Meng-Fai Kuo**

Associate Professor, Department of Neurosurgery, National Taiwan University  
Hospital, Taipei, Taiwan

**Muh-Lii Liang**

Staff, Division of Pediatric Neurosurgery, Neurological Institute, Taipei

Veterans General Hospital, National Yang mIng University, School of Medicine,  
Taiwan

## USA

### **Peter Black**

M.D., Ph.D.,

President of World Federation of Neurological Societies,

Neurosurgeon-in-Chief, Brigham and Woman's Hospital, Children's Hospital,

Chief of Neurosurgical Oncology, Dana-Faber Cancer Institute, Harvard Medical

School, Franc D. Ingraham Professor of Neurosurgery, Harvard Medical School,

### **Program**

**December 1, 2011**

**Venue:** Room 102, Taipei International Congress Center

Time	Program
8:30 – 8:45	Introduction to the course Tai-Tong Wong, Taiwan
<b>Morning session</b>	<b>Neuroendoscopy in the management of hydrocephalus and CSF related disorders</b>
<b>Technology in neuroendoscopy: Invited lecture</b>	
<b>Chairman</b>	Tamburrini Gianpiero
8:45 – 9:10	<b>Invited lecture:</b> Endoscopy in Hydrocephalus : a new challenge in developing countries (M. Choux, Marseille)
<b>Neuroendoscopic treatment of hydrocephalus</b>	
<b>Chairman</b>	Tai-Ngar Lui, Huei-Shyong Wang
09.10-09.30	ETV in different conditions: endoscopic anatomy and technique Concezio di Rocco (Italy)
09.30-09.50	ETV: Clinical and radiological criteria to evaluate the results of the procedure Kyu-Chang Wang (Korea)
09.50-10.10	Indications and results of septostomy and Monro foraminoplasty Meng-Fai Kuo (Taiwan)
10.10-10.30	Choroid plexus endoscopic coagulation: its role as an adjuvant or selective treatment of

	hydrocephalus Sian-Lun Zhu (Hong Kong China)
10.30-10.50	COFFEE BREAK
<b>Chairman</b>	Danny-TM Chan, Joong-Khim Loh
10.50-11.10	Multiloculated hydrocephalus: endoscopic pathologic anatomy Gianpiero Tamburrini (Italy)
11.10-11.30	The role of neuroendoscopy in the management of multiloculated hydrocephalus Llewellyn Padayachy (South Africa)
11.30-11.50	Neuroendoscopic treatment of hydrocephalus in the case of a malfunctioning shunt Jie Ma (China)
<b>Endoscopic treatment of arachnoid cysts</b>	
<b>Chairman</b>	Chieh-Tsai Wu, Shu-Mei Chen
11.50-12.10	Sylvian arachnoid cyst: endoscopic anatomy and results of the endoscopic treatment Hajime Arai (Japan)
12.10-12.30	Suprasellar arachnoid cysts: endoscopic anatomy and results of the endoscopic treatment Yazhou Zhang
12.30-12.50	Posterior fossa and interhemispheric cysts: endoscopic anatomy and results of the endoscopic treatment Guirish Solanki, (Birmingham, UK)
12.50-13.10	Overall discussion
<b>13.10-15.00</b>	<b>LUNCH</b>
<b>Afternoon session</b>	<b>Neuroncology: role of neuroendoscopy; basic and clinical updates</b>
<b>Role of neuroendoscopy</b>	
<b>Chariman</b>	Kyu-Chan Wang, Yu-Shu Yen, Chiung-Chi Shen
15.00-15.30	Neuroendoscopy and Microsurgery for pediatric skull base tumors. Peter Black (USA)
15.30-15.50	Endonasal neuroendoscopic management of neoplastic sellar and parasellar pathologies (C. Deopujari)
15.50-16.10	The role of neuroendoscopy in the management of pineal region tumors Tai-Tong Wong
16.10-16.30	The role of neuroendoscopy in the management of hydrocephalus related to posterior fossa tumors Guirish A Solanki (England)
16.30-17.00	COFFEE BREAK
<b>Basic and clinical updates</b>	
<b>Chairman</b>	Der-Yang Cho, Yu-Cheng Chou
17.00-17.20	Application of iPS cells in neuroncology

	Yamasaki (Japan)
17.20-17.40	Cancer stem cells versus endothelial stem cells Seung-Ki Kim (Korea)
17.40-18.00	Neurosurgical and neuroncological management of intracranial germ cell tumors: Dong-Seok Kim (Korea)
18.00-18.20	Brain stem tumors: an update of their neurosurgical and neuroncological management (Muh-Lii Liang, Taipei)
18.20-18.30	Closing Remark Kyu-Chang Wang
Adjourn	