

台灣神經外科醫學會第十一屆第一次會員大會暨學術研討會  
中國醫藥大學附設醫院 33 週年院慶系列活動

大會議程

<b>Day 1</b>	<b>11 月 29 日(五)</b>
18:00-18:30	貴賓接待(金典酒店 14F 春櫻廳)
18:30~21:30	Welcome Dinner

<b>Day 2</b>	<b>11 月 30 日(六)</b>			
07:50~08:10	報到(金典酒店 13F)			
	<b>金典 I</b>	<b>金典 II</b>	<b>菁英 I</b>	<b>菁英 II</b>
08:10-08:30	Opening Ceremony 林欣榮理事長 杜永光理事長 周德陽院長			
08:30-10:00	Special Lecture ● Prof. Mami Yamasaki	Special Lecture ● Prof. Chang Jin Woo (Yonsei University, Korea) ● Prof. Jonathan Paul Miller (Case Western Reserve University School of Medicine, USA)	Oral report	E-Poster 試片室
10:00-10:20	Coffee Break			
10:20-12:00	Special Lecture ● Prof. Chang Jin Woo (Yonsei University, Korea) ● Prof. Shozo Yamada (Japan)	Special Lectur ● Prof. Jonathan Paul Miller (Case Western Reserve University School of Medicine, USA) ● Prof. Michael L. Smith (NYU Langone Medical Center, USA)		E-Poster 試片室

12:00-13:45	Lunch Seminar 顏玉樹醫師 沈炯祺主任	Lunch Seminar 鄭宇凱醫師 朱大同醫師 莊皓宇醫師		E-Poster 試片室
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Day 2	11 月 30 日(六)			
	金典 I	金典 II	菁英 I	菁英 II
13:45-15:15	Special Lecture ● Prof. Shozo Yamada (Japan) ● Prof. Concezio di rocco	Special Lecture ● 徐偉成教授 ● Prof. Sébastien Froelich. (Paris VII-Diderot University)	13:30-15:10  Oral report	E-Poster 試片室
15:15-15:45	Coffee Break			
15:45-16:30	Special Lecture ● Prof. Etsuro Mori (Japan)	Special Lecture ● Prof. Michael L. Smith (NYU Langone Medical Center, USA)	神經血管外科 醫學會成立說 明會	神經創傷學會 理監事會議
18:30-21:00	Gala Dinner(金典酒店 13F) 晚會及財團法人腦血管疾病防治基金會優秀住院醫師獎、財團法人台灣腦病防治基金會「杜世彬博士學術論文紀念獎」、財團法人登美腦瘤教育基金會優秀海報頒獎			

Day 3	12 月 1 日(日)			
	金典 I	金典 II	菁英 I	菁英 II
08:00-10:10	Oral report Special Lecture 0915-1000 Prof. Kiyohiro Houkin	Oral report Special Lecture	台灣專科護理師 學會聯誼研討會	Special Lecture 0800-0840 Prof. Mario Ammirati (Wexner Medical Center at Ohio State University)  海報得獎人員 口頭報告
10:10-10:20	Coffee Break			
10:20-12:00	第十一屆第一次會員大會/理監事選舉/大合照	1110-1155 Prof. Wise Young		
12:00-13:30	Lunch Seminar 洪東源醫師			會員大會選舉 開票統計

13:30-15:10	Oral report	Oral report	Oral report	
15:30~ 台灣神經外科醫學會第十一屆第一次理監事會議(菁英 II)				

**11/30 (Sat.) 金典 I 廳**

Time	Topic	Speaker	Moderator
0810-0830	Open Ceremony	林欣榮理事長 杜永光理事長 周德陽院長	
0830-0915	On the project to improve working conditions of female doctors-to enable female doctors 's active and continual work	Prof. Mami Yamasaki (Takatsuki General Hospital, Japan)	郭夢菲、關皚麗
0915-1000	Molecular basis of CSF space anomaly	Prof. Mami Yamasaki (Takatsuki General Hospital, Japan)	周德陽、關皚麗
1000-1020	Coffee Break		
1020-1105	The Current Clinical & Basic Researches for the Neuromodulation Therapies in Korea	Prof. Chang Jin Woo (Yonsei University, Korea)	張承能、潘宏基
1105-1200	Surgical treatment for acromegaly	Prof. Shozo Yamada (Japan)	施養性、曾漢民
1200-1345	Lunch Seminar		
	12:10-12:50 Complication avoidance and management in endoscopic transsphenoidal surgery.	顏玉樹醫師	雷大雅
	12:50-13:30 Hemostasis technique in MIS	沈炯祺主任	雷大雅
1345-1430	Our surgical experience of 252 patients with Cushing's disease at Toranomon Hospital	Prof. Shozo Yamada (Japan)	蘇泉發、蔡瑞章
1430-1515	Nurosurgical Management of Craniosynostosis	Prof. Concezio di rocco	黃棣棟、許書雄
1515-1545	Coffee Break		
1545-1630	Guideline for management of idiopathic normal pressure hydrocephalus second edition	Prof. Etsuro Mori (日本東北大學)	蕭勝煌、雷大雅

**11/30(Sat.) 金典 II 廳**

Time	Topic	Speaker	Moderator
0830-0915	MR guided Focused ultrasound surgery for essential tremor & obsessive compulsive disorder: outcomes & trouble shooting	Prof. Chang Jin Woo (Yonsei University, Korea)	陳翰容、鍾文裕 陳新源
0915-1000	Electrophysiology in Experimental Mild Traumatic Brain Injury: Implications for Novel Treatment Strategies	Prof. Jonathan Paul Miller (Case Western Reserve University School of Medicine, USA)	蔣永孝、黃勝堅
1000-1020	Coffee Break		
1020-1105	Neuromodulation for Restoration of Brain Health: Neurosurgery's Final Frontier	Prof. Jonathan Paul Miller (Case Western Reserve University School of Medicine, USA)	馬辛一、李宜堅
1105-1200	Adult Spinal Deformity: Quantification and Surgical Planning	Prof. Michael L. Smith (NYU Langone Medical Center, USA)	沈炯祺、黃銘超

Lunch Seminar			
Time	Topic	Speaker	Moderator
12:00-12:15	Lumboperitoneal shunts for the treatment of communicating hydrocephalus	鄭宇凱 中國醫藥大學附設醫院 神經外科	林欣榮 中國醫藥大學北港附設醫院 神經外科
12:15-12:30	LP Strata experience sharing	朱大同 三軍總醫院 神經外科	
12:30-12:45	LP Strata - techniques and pitfalls	莊皓宇 中國醫藥大學北港附設醫院 神經外科	劉榮東 中山醫學大學附設醫院 神經外科
12:45-13:00	Q&A	All speakers	
1345-1430	CJD 介紹	徐偉成教授	劉俊麟
1430-1515	Topic pedding	Prof. Sébastien Froelich. (Paris VII-Diderot University)	盧康、林家瑋
1515-1545	Coffee Break		
1545-1630	Lateral Lumbar Interbody Fusion: Potential, Limitation, Risk	Prof. Michael L. Smith (NYU Langone Medical Center, USA)	黃金山、李昆興

11/30(Sat.) 菁英 I 廳

	<b>座長；邱尚明、鄭均澶</b>
0830-0842	<b>Intralaminar Thalamic Deep Brain Stimulation Enhances Spatial Memory and Causes Cortical Plasticity</b> <u>Sheng-Tzung Tsai</u> <sup>1,2</sup> , Li-Jin Chen <sup>3</sup> , Shin-Yuan Chen <sup>1,2</sup> , Yueh-Jan Wang <sup>3</sup> , Guo-Fang Tseng <sup>3</sup> Department of Neurosurgery, College of Medicine, Tzu Chi University, Hualien
0842-0854	<b>Volume-staged Gamma Knife Radiosurgery to Treat Large Benign Brain Tumor Surrounding the Optic Apparatus</b> <u>Chien-Hui Lee</u> 1, Dai-Wei Liu 2, Tsung-Lang Chiu 1, Chain-Fa Su 1 Department of Neurosurgery1, Buddhist Tzu-Chi Medical Center and Tzu-Chi University, Hualien City
0854-0906	<b>The surgical technique and experience of nerve transposition with synthetic belt to treat trigeminal neuralgia – A six cases report</b> <u>Chih-Hao Tien</u> , Che-Chao Chang, Wei-Sheng Juan, Shih-Huang Tai, Yu-Chang Hung, E-Jian lee Division of Neurosurgery, National Cheng Kung University Hospital
0906-0918	<b>Gamma knife surgery for cavernous hemangiomas in the cavernous sinus</b> <u>Huai-che Yang</u> , Kang-Du Liu, David Hung-Chi Pan, Wen-Yu Chung Department of Neurosurgery, Taipei Veterans General Hospital
0918-0930	<b>Resection within Rolandic Cortex in Pediatric Epilepsy Surgery: Report of 8 cases</b> <u>Hsin-Hung Chen, M.D.</u> , Chien Chen, M.D., Shih-Chieh Lin, M.D., Sheng-Che Hung, M.D., Ting-Rong Hsu, M.D., Kai-Ping Chang, M.D., Shang-Yeong Kwan, M.D., Donald M. Ho, M.D., Tai-Tong Wong, M.D., Yang-Hsin Shih, M.D Taipei Veterans General Hospital, National Yang-Ming University
0930-0942	<b>Clinical Use in L-P shunt for Communicating Hydrocephalus - Our Preliminary Experience</b> <u>Hao-Yu Chuang</u> , Yen-Hung Pan, Yen-Tze Chu, Cheng-Hsing Cheng, Fang-Chun Wu, Ming-Shih Tsai, Shinn-Zong Lin Division of Neurosurgery, China Medical University Bei-Gang Hospital Division of Neurosurgery, Tainan Municipal An-Nan Hospital-China Medical University
0942-0954	<b>Clinical Validation of CyberKnife Dosimetry and Prognosis to Treat the Trigeminal Neuralgia</b> <u>Chi-Tun Tang</u> <sup>a</sup> , Steven D. Chang <sup>b</sup> , Yuan-Hao Chen, Dueng-Yuan Hueng, Da-Tong Ju <sup>a*</sup> <sup>a</sup> Department of Neurological Surgery, National Defense Medical Center/Tri-service General Hospital, Taipei, Taiwan <sup>b</sup> Department of Neurosurgery, Stanford University Medical Center, California, USA
0954-1006	<b>What is the appropriate pressure setting for shunted children</b> <u>Meng-Fai Kuo</u> , Shih-Hung Yang, Wen-Kuei Chung Department of Neurosurgery and Clinical Center for Neuroscience and Behavior, National Taiwan University Hospital
1010-1020	<b>Coffee Break</b>
	<b>座長：洪國盛、林志隆</b>
1330-1342	<b>Endoscope-assisted neurovascular decompression of the trigeminal nerve: from cadaveric laboratory to clinical practice</b> <u>Chi-Tun Tang</u> <sup>ab</sup> , Nishanta B. Baidya <sup>a</sup> , Mario Ammirati <sup>a*</sup> <sup>a</sup> Department of Neurological Surgery, the Ohio State University Medical Center, Columbus, Ohio <sup>b</sup> Department of Neurological Surgery, Tri-service General hospital/National Defense Medical Center, Taipei, Taiwan
1342-1354	<b>Endoscope-assisted supraorbital approach to the retroinfundibular area: from cadaveric laboratory to clinical practice</b> <u>Chi-Tun Tang</u> <sup>ab</sup> , Nishanta B. Baidya <sup>a</sup> , Mario Ammirati <sup>a*</sup> <sup>a</sup> Department of Neurological Surgery, the Ohio State University Medical Center, Columbus, Ohio <sup>b</sup> Department of Neurological Surgery, Tri-service General hospital/National Defense Medical Center, Taipei, Taiwan
1354-1406	<b>In vivo and in vitro research platform of intracerebral hemorrhage – pilot study results and future applications</b> <u>Cheng-Di Chiu</u> ; Der-Yang Cho Department of Neurosurgery, China Medical University Hospital, Taichung, Taiwan
1406-1418	<b>Probable IgG4-related disease cause orbital pseudotumors - a case report</b> <u>Yi-shan Yang, MD</u> ; Jiannher Lin, MD; <u>Yung-Hsiao Chiang</u> , MD PhD Neurosurgery department , Taipei medical university hospital, Taipei Taiwan
1418-1430	<b>Different expression patterns of CISD2 gene between brain and spinal cord in mice</b> <u>Tien-Huang Chiang</u> <sup>1</sup> , Cho-Chen Hsieh <sup>1</sup> , Sheng-Huang Hsiao <sup>2</sup> , Woon-Man Kung <sup>3</sup> , Shing-Hwa Lu <sup>4</sup> ,

	<p>Betau Hwang<sup>5</sup>, *Muh-Shi Lin<sup>6</sup>, *Chai-Ching Shirley Lin<sup>1</sup>  <sup>1</sup>Graduate Institute of biotechnology, National Ilan University, Ilan, Taiwan  <sup>2</sup>Department of Neurosurgery, Taipei City Hospital, Renai Branch, Taipei, Taiwan.  <sup>3</sup>Department of Neurosurgery, Lo-Hsu Foundation, Lotung Poh-Ai Hospital, Luodong, Yilan, Taiwan.  <sup>4</sup>Department of Urology, <sup>5</sup>Department of Pediatrics, <sup>6</sup>Department of Neurosurgery, Taipei City Hospital, Zhong Xiao Branch, Taipei, Taiwan</p>
1430-1442	<p><b>Identification of transglutaminase 2 as a potential biomarker for meningioma by microarray analysis</b>                  Yin-Cheng Huang, Peng-Wei Hsu, Chih-Cheng Chuang, Chen-Nen Chang, Kuo-Chen Wei,                  Department of Neurosurgery, China Medical University Hospital</p>
1442-1454	<p><b>Pituitary apoplexy is induced by GnRH agonist</b>                  Tse-Lun Wang, Ann-Shung Lieu, Shen-Long Howng                  Department of Neurosurgery, Kaoshiung Medical Unersivisy Hospital</p>
1454-1506	<p><b>Acknowledge to Medical Arbitration</b>                  Rockey Chao, Ting Chang,                  Department of Neurosurgery, Miao-Li General Hospital Department of Health, The Executive Yuan</p>
1515-1545	<b>Coffee Break</b>
<b>1545-1630</b>	<b>杜永光教授神經血管外科醫學會成立說明會</b>

**11/30(Sat.) 菁英 II 廳**

0830-1515	E-Poster & 試片室
1515-1545	<b>Coffee Break</b>
<b>1545-1630</b>	<b>蔣永孝主任神經創傷學會理監事會議</b>

12/1(Sun.) 金典 I 廳

	<b>座長：嚴寶勝、陳春忠</b>
0800-0812	<b>Multimodality treatment in dural arteriovenous fistula- Experience of Taichung Veterans General Hospital</b> Shih-Chieh Shen, Yuang-Seng Tsuei, Chiung-Chyi Shen Department of Neurosurgery, Taichung Veterans General Hospital
0812-0824	<b>EC-IC bypass for Symptomatic Intracranial artery Occlusion with haemodynamic impairment patients</b> Chun-Chung Chen <sup>1,2</sup> , Der-Yang Cho <sup>1,2</sup> , <sup>1</sup> Department of Neurosurgery, China Medical University Hospital <sup>2</sup> Stroke Center, China Medical University Hospital <sup>3</sup> Department of Neurology, China Medical University Hospital <sup>4</sup> Department of Radiology, China Medical University Hospital
0824-0836	<b>Clinical management of MCA aneurysm with congenital hydrocephalus in adult - a case report</b> Yi-shan Yang, MD; Jiannher Lin, MD; Yung-Hsiao Chiang, MD PhD Neurosurgery department, Taipei medical university hospital, Taipei Taiwan
0836-0848	<b>A Proposed Algorithm in Correlating Symptomatology and Radiographical Architectures of Cerebral AVMs</b> I-Chang Su <sup>1</sup> , Szu-Kai Hsu <sup>1</sup> , Ming-Yuan Chang <sup>1</sup> , Cheng-Ta Hsieh <sup>1</sup> , Chih-Ta Huang <sup>1</sup> , Chih-Ju Chang <sup>1</sup> , Jing-Shan Huang <sup>1</sup> , Timo Krings <sup>2</sup> <sup>1</sup> Division of Neurosurgery, Department of Surgery, Taipei Cathay General Hospital, Taipei, Taiwan <sup>2</sup> Department of Neuroradiology, Toronto Western Hospital, University of Toronto, Toronto, Canada
0848-0900	<b>Spontaneous healing and complete disappearance of a ruptured posterior inferior cerebellar artery dissecting aneurysm associated with shaken baby syndrome</b> Shih-Yuan Hsu, <sup>1</sup> Tsung-Ming Su, <sup>1</sup> Ching-Hsiao Cheng, <sup>1</sup> Wu-Fu Chen, <sup>1</sup> Shih-Wei Hsu <sup>2</sup> <sup>1</sup> Department of Neurosurgery, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan <sup>2</sup> Department of Radiology, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan
0900-0912	<b>Embolization of Ruptured Saccular Aneurysm by Neurosurgeons: Review of 7 years experience in Chang-Gung Memorial Hospital.</b> Yi-Chou Wang, Ching-Chang Chen, Hung-Yi Lai Department of Neurosurgery, Chang Gung Memorial Hospital
	<b>座長：杜永光、張丞圭</b>
0915-1000	Prof. Kiyohiro Houkin <b>The Present, Past, and Future of Moyamoya Disease</b>
1010-1020	<b>Coffee Break</b>
1030-1200	台灣神經外科醫學會第十一屆第一次會員大會/理監事選舉/大合照
1200-1330	Lunch Seminar Therapeutic Potential of Valproate: Anticancer Effects Speaker：洪東源醫師（三總神外） Moderator：馬辛一主任（三總神外）
	<b>座長：李文源、蔡承嘉</b>
1330-1342	<b>BMD value is a reliable assessment on osteoporotic spinal surgery? Four years observation in single institute.</b> Chun-Chieh Liang, Sang-Jek Liew, Chan-Fook How, Jung-Tung Liu Department of Neurosurgery, Chun Shan Medical University Hospital
1342-1354	<b>Tophaceous Gout of Unilateral Laminas without Peripheral gouty Arthritis and Causing Brown-Sequard Syndrome- A Case Report and review of Literatures</b> Jeng-Hung Guo Hao-Yu Chuang, Yen-Hung Pan, Yen-Tze Chu, Cheng-Hsing Cheng, Fang-Chun Wu, Ming-Shih Tsai, Shinn-Zong Lin Department of Neurosurgery, China Medical University Hospital, Taichung, Taiwan, Division of Neurosurgery, China Medical University Bei-Gang Hospital Division of Neurosurgery, Tainan Municipal An-Nan Hospital-China Medical University
1354-1406	<b>Endoscope-assisted Minimally Invasive Transforaminal Thoracic Interbody Fusion</b> Chih-Hsiang Liao, M.D. <sup>1</sup> , Jau-Ching Wu, M.D., Ph.D. <sup>1,2</sup> , Wen-Cheng Huang, M.D., Ph.D. <sup>1,2</sup> , Wei-Hsin Wang, M.D. <sup>1</sup> , Peng-Yuan Chang, M.D. <sup>1</sup> , Henrich Cheng, M.D., Ph.D. <sup>1,2</sup> , Yang-Hsin Shih, M.D. <sup>1,2</sup> <sup>1</sup> Department of Neurosurgery, Neurological Institute, Taipei Veterans General Hospital, Taipei,

	Taiwan, R.O.C. <sup>2</sup> National Yang Ming University School of Medicine, Taipei, Taiwan, R.O.C.
1406-1418	<b>Analysis of Patient Outcome After The Endoscope-Assisted Mini Transforaminal Lumbar Interbody Fusion (TEAM-TLIF) with non-cannulated transpedicular screws</b> <u>John Chung-Che Wu</u> , Robert Yung-Hsiao Chiang, Jiann-Her Lin, En-Yuan Lin, Yuh-Shyang Chen 台北醫學大學附設醫院 神經外科 台東基督教醫院 醫務部
1418-1430	<b>Cases report: Anterior decompression surgery for cervical ossification of posterior longitudinal ligament combined with herniated intervertebral discs</b> <u>Chih-Hao Tien</u> , Yu-Chang Hung, Liang-Chao Wang E-Jian Lee Department of Neurosurgery, National Cheng Kung University Hospital
1430-1442	<b>A chordoma in cervical spine, a rare disease with difficult management—a case report</b> <u>Yu-Ning Chen</u> , Ying-Ren Chen, Chung-Liang Ho, Wei-Sheng Juan Division of Neurosurgery, Department of Surgery, National Cheng Kung University Hospital
1442-1454	<b>Lumbar Cortical Bone Screw with Fusion Technique in Degenerative Lumbar Disorders</b> <u>Cheng-Hsing Kao</u> , Gwo-Fane Yu, Che-Wei Hung Spine Surgery, Jhong Jheng Orthopedic Hospital, Kaohsiung, Taiwan
1454-1506	<b>Percutaneous stereotactic thermocoagulation of T3/T4 for palmar hyperhidrosis: An effective method that simultaneously minimizes compensatory hyperhidrosis.</b> <u>King-shun Chuang</u> and Jiang-Chuan Liu* Department of Surgery, Shanghai Ruidong Hospital, Pudong Branch Ruijin hospital, Shanghai, China. *Department of Biology and Anatomy, National Defense Medical Center. Taipei, Taiwan.

12/1(Sun.) 金典 II 廳

	<b>座長：李宜堅、黃盈誠</b>
0800-0812	<b>Endoscopic – Assisted Microneurosurgery for a Large Pineal Region Tumor</b> <i>Paul Jer Chen M.D., Ph.D.</i> <sup>1</sup> , Hung-Lin Lin M.D. <sup>1</sup> <sup>1</sup> Department of Neurosurgery, China Medical University Hospital, Taichung, Taiwan
0812-0824	<b>Bilateral Basal Ganglia Germ Cell Tumors: Clinical diagnosis, treatment, and outcome</b> <i>Hsin-Hung Chen</i> , M.D., <sup>1,6</sup> <i>Feng-Chi Chang</i> , M.D., <sup>2,6</sup> <i>Yi-Wei Chen</i> , M.D., <sup>5,6</sup> <i>Shih-Chieh Lin</i> , M.D., <sup>4,6</sup> <i>Ting-Rong Hsu</i> , M.D., <sup>3,6</sup> <i>Muh-Lii Liang</i> , M.D., <sup>1,6</sup> <i>Kai-Ping Chang</i> , M.D., <sup>3,6</sup> <i>Sang-Hue Yang</i> , M.D., <sup>5,6</sup> <i>Donald M. Ho</i> , M.D., <sup>4,6</sup> <i>Tai-Tong Wong</i> , M.D. <sup>1,6</sup> <sup>1</sup> Pediatric Neurosurgical Division, The Neurological Institute, <sup>2</sup> Department of Radiology, <sup>3</sup> Department of Pediatrics, <sup>4</sup> Department of Pathology, <sup>5</sup> Radiotherapy Division, Cancer Center, Taipei Veterans General Hospital and <sup>6</sup> National Yang Ming University School of Medicine, Taipei, Taiwan, R.O.C.
0824-0836	<b>Malignant Astrocytoma of Optic Pathway in Children</b> <i>Hsin-Hung Chen</i> , M.D., <sup>1,6</sup> <i>Shih-Chieh Lin</i> , M.D., <sup>4,6</sup> <i>Feng-Chi Chang</i> , M.D., <sup>2,6</sup> <i>Yi-Wei Chen</i> , M.D., <sup>5,6</sup> <i>Ting-Rong Hsu</i> , M.D., <sup>3,6</sup> <i>Muh-Lii Liang</i> , M.D., <sup>1,6</sup> <i>Kai-Ping Chang</i> , M.D., <sup>3,6</sup> <i>Sang-Hue Yang</i> , M.D., <sup>5,6</sup> <i>Donald M. Ho</i> , M.D., <sup>4,6</sup> <i>Tai-Tong Wong</i> , M.D. <sup>1,6</sup> <sup>1</sup> Pediatric Neurosurgical Division, The Neurological Institute, <sup>2</sup> Department of Radiology, <sup>3</sup> Department of Pediatrics, <sup>4</sup> Department of Pathology, <sup>5</sup> Radiotherapy Division, Cancer Center, Taipei Veterans General Hospital and <sup>6</sup> National Yang Ming University School of Medicine, Taipei, Taiwan, R.O.C.
0836-0848	<b>Extracranial infrasellar craniopharyngioma in children– A case report</b> <i>Mei-Yin Yeh</i> , <i>Hsin-Hung Chen</i> , <i>Muh-Lii Liang</i> , <i>Tai-Tong Wong</i> Department of Neurosurgery, Taipei Veterans General Hospital
0848-0900	<b>Lobulated and isolated third ventricular cyst with repetitive obstructive hydrocephalus - case reports</b> <i>Yu-Wen Cheng</i> , <i>Muh-Lii Liang</i> , <i>Yu-Shu Yen</i> , <i>Yang-Hsin Shih</i> Department of Neurosurgery, Neurological Institute, Taipei Veterans General hospital & National Yang-Ming University, School of Medicine
0900-0912	<b>Endoscopic Transnasal Transsphenoidal Approach for Large Suprasellar and Retrosellar Craniopharyngiomas in Adults – Experience in consecutive 24 cases</b> <i>Yu-Shu Yen</i> , <i>Jau-Ching Wu</i> , <i>Wen-Yuh Chung</i> , <i>Yang-Hsin Shih</i> , <i>Hung-Chi Pan</i> Department of Neurosurgery, Neurological Institute, Taipei Veterans General Hospital, and National Yang-Ming University, School of Medicine, Taipei, Taiwan
0912-0924	<b>Endoscopic transnasal transsphenoidal approach for pediatric sellar lesions: NTUH experience</b> <i>Shih-Hung Yang</i> , <i>Meng-Fai Kuo</i> , <i>Yong-Kwang Tu</i> Department of Neurosurgery and Clinical Center for Neuroscience and Behavior, National Taiwan University Hospital
0924-0936	<b>Supraorbital Key Hole Craniotomy: Personal eight year experience:</b> <i>Lin-Hsue Yang</i> , <i>Jionn-Jong Wu</i> , <i>Wen-Jui Chang</i> , <i>Ee-Sing Tsai</i> , <i>Shih-Hao Huang</i> , <i>Chung Liang Chai</i> 亞東醫院外科部神經外科
0936-0948	<b>Fenestration with debridement as primary surgery for brain abscess – our experience in 4 cases</b> <i>Chung-Liang Chai</i> , <i>Che-Kuang Lin</i> , <i>Shih-Hao Huang</i> , <i>Wen-Jui Chang</i> , <i>Jionn-Jong Wu</i> , <i>Lin-Hsue Yang</i> , <i>Yi-Hsin Tsai</i> Division of Neurosurgery, Department of Surgery, Far Eastern Memorial Hospital
0948-1000	<b>Identification of transglutaminase 2 as a potential biomarker for meningioma by microarray analysis</b> <i>Yin-Cheng Huang</i> , <i>Peng-Wei Hsu</i> , <i>Chih-Cheng Chuang</i> , <i>Chen-Nen Chang</i> , <i>Kuo-Chen Wei</i> , 林口長庚醫院腦神經外科
1000-1020	<b>Coffee Break</b>
	<b>座長：周德陽、劉俊麟</b>
1110-1155	<b>Prof. Wise Young</b> Recovering Function after Regeneration
1200-1330	Lunch Seminar
	<b>座長：李漢忠、陳武福</b>
1330-1342	<b>Anterior clinoidal meningioma, is surgical unroofing for optic canal necessary? Two case report</b> <i>Chun-Yu Cheng</i> , <i>Tao-Chen Lee</i> , <i>Ting-Chung Wang</i> Department of Neurosurgery, Chang Gung Memorial Hospital, Chiayi Center, Chiayi, Taiwan.
1342-1354	<b>Pineal region sarcoma: case report</b>

	<u>Yuan-Cheng Chuang</u> , Hung-Shih Lin, Cheng-Chia Tsai, Ming-Fu Chiang, Shiu-Jau Chen, Sheng-Yu Cheng, Jui-Feng Lin, Chao-Kai Hu Division of Neurosurgery, Department of Surgery, Mackay Memorial Hospital
1354-1406	<b>The 4th ventricle tumor presenting with malignant paroxysmal position vertigo : a case report</b> <u>Rong-Dar Tzou</u> , Ann-Shung Lieu, Shin-Lin Huang Department of neurosurgery, Kaohsiung Medical University Hospital
1406-1418	<b>SIADH in a young patient with pituitary macroadenoma — a case report</b> Ching Lin Chen, <u>Chee Tat Lam</u> Department of Neurosurgery, Shin Kong Wu Ho-Su Memorial Hospital
1418-1430	<b>Spontaneous regression of congenital glioblastoma with long term survival: case report and literature review</b> <u>Liang-Chun Chao</u> , Shiu-Jau Chen, Cheng-Chia Tsai, Ming-Fu Chiang, Sheng-Yu Cheng, Jui-Feng Lin, Hung-Shih Lin, Chao-Kai Hu Division of Neurosurgery, Department of Surgery, Mackay Memorial Hospital
1430-1442	<b>Effect of valproic acid on the outcome of high grade glioma: a national wide longitudinal study from Taiwan National Health Insurance Research Database</b> <u>Wei-Lun Lo</u> , Ming-Chin Lin, Cheng-Min Lin, Ja-Wei Lin Department of Neurosurgery, Shung-Ho Hospital
1442-1454	<b>The Outcome and Risk Factors of Chronic Subdural Hematoma with Seizure</b> <u>Po-Hsuan Lee</u> , Shih-Huang Tai, Wei-Sheng Juan, Shih-Huang Tai, Yu-Chang Hung, E-Jian Lee Division of Neurosurgery, National Cheng Kung University Hospital
1454-1506	<b>Nicardipine suppresses neuroinflammatory responses in microglial cells through MAPK/Akt pathway.</b> <u>Bor-Ren Huang</u> , Tzu-Yung Chen, Ying-Chao Lin, Pei-Yeh Chiang, Chun-Ting Chiang, Tao-Chieh Yang, Dah-Yuu Lu*. Department of Neurosurgery, Taichung Tzu Chi Hospital · Buddhist Tzu Chi Medical Foundation. *Graduate Institute of Neural and Cognitive Sciences, China Medical University, Taiwan.

**12/1(Sun.) 菁英 II 廳**

	<b>座長：朱大同、林乾閱</b>
0800-0840	<b>Prof. Mario Ammirati</b> (Wexner Medical Center at Ohio State University) A phase 2 study of surgery and Fractionated Radiosurgery in the treatment of patients with brain metastases
	<b>座長：高明見、邱仲慶</b>
0845-1000	財團法人登美腦瘤教育基金會、財團法人台灣腦病防治基金會論文獎發表會
1000-1020	<b>Coffee Break</b>
1200-1330	開票及統計

**12/1(Sun.) 菁英 I 廳**

0800-1000	台灣專科護理師學會聯誼研討會
	<b>座長：賴達明、張志儒</b>
1330-1342	<b>Transdural Approach for Disc Herniation of Upper Lumbar Spine: Two Case Report and Literature Review</b> <u>Chi-Chen Huang</u> , Wei-Sheng Juan, E-Jian Lee Division of Neurosurgery, Department of Surgery, National Cheng Kung University Hospital, Tainan, Taiwan
1342-1354	<b>Stand Alone Cervical Cage “PEEK PREVAIL” The Clinic Experience in Show Chwan Health Care System</b> <u>YI-CHEN LO</u> , HAI-MING SHONG, HOI-BOR CHAN, FUE-WAH WANG, DAR-YU YANG Neurological institute, Show Chwan Health Care System
1354-1406	<b>Iophendylate induced thoracic arachnoid cysts post myelogram - A case report</b> <u>Keng-Liang Kuo</u> , Tai-Hsin Tsai, Shih Lin Hwang Department of neurosurgery, Kaohsiung Medical University Hospital

1406-1418	<p><b>Patients with Severe Cervical Spondylotic Radiculo-myelopathy Are Associated with Increased Risk of Early Postoperative Cardiac Arrhythmia Following Decompressive Surgery</b>  <u>Szu-Kai Hsu</u>, I-Chang Su, Ming-Yuan Chang, Cheng-Ta Hsieh, Chih-Ta Huang, Chih-Ju Chang, Jing-Shan Huang                  Division of Neurosurgery, Department of Surgery, Taipei Cathay General Hospital, Taipei, Taiwan</p>
1418-1430	<p><b>Traumatic right sciatic neuropathy: case report</b>  <u>Chun-Hsun Chen</u>, Chih-Peng Wei*, Ming-Dar Tsai                  Department of Neurosurgery, Shin Kong Wu Ho-Su Memorial Hospital                  *Cardinal Tien Hospital, Taipei, Taiwan</p>
1430-1442	<p><b>Percutaneous endoscopic lumbar discectomy for symptomatic adjacent segment degeneration in our experiences at Wan-fang hospital</b>  <u>Chih-hsun Lee</u>, Tai-Ngar Lui, Tien-Jen Lin                  Department of Neurosurgery, Taipei Medical University-Wan Fang Hospital</p>
1442-1454	<p><b>Subaxial Cervical Spine Metastases</b>  <b>Gwo-Fane Yu<sup>1</sup>, Cheng-Hsing Kao<sup>1</sup>, Chao-Jung Tsao<sup>2</sup></b>                  1.Department of Spinal Surgery, Jhong Jheng Orthopedic Hospital, Kaohsiung, Taiwan                  2.Division of Hematology-Oncology, Department of Internal Medicine, Chi Mei Medical Center, Liouying, Tainan, Taiwan</p>
1454-1506	<p><b>Is anterior decompression of OPLL superior for progressive cervical myelopathy ? Two case report.</b>  <u>Chun-Yu Cheng</u>, Tao-Chen Lee, Ting-Chung Wang                  Department of Neurosurgery, Chang Gung Memorial Hospital, Chiayi Center, Chiayi, Taiwan</p>

# E-Poster

展示區：13F 宴會廳電腦區

腦血管	
P-001	<b>Population-Based Study Suggests an Increased Risk of Stroke in Patients with Dementia</b> <u>Hao-Kuang Wang</u> , Kuen-Jer Tsai, Chih-Yuan Huang, Liang-Chao Wang, Kang Lu, Han-Jung Chen, Chi-Wei Lin, Yi-Jer Lee, Pei-Hsuan Fang, Li-Ching Chang, and Ying-Chun Li Department of Neurosurgery, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan
P-002	<b>Outcome analysis of frame-based and frameless stereotactic aspiration of spontaneous intracerebral hematoma</b> <u>Chi-Tun Tang</u> <sup>1</sup> , Shih-Wei Hsu <sup>1</sup> , Tzu-Tsao Chung <sup>1,2</sup> , Yuan-Hao Chen <sup>1</sup> , Dueng-Yuan Hueng <sup>1</sup> , Da-Tong Ju <sup>1</sup> , Hsin-I Ma <sup>1</sup> , Ming-Ying Liu <sup>1</sup> Department of Neurological Surgery, Tri-service General Hospital, Taipei, Taiwan Department of Surgery, Peng-hu branch, Tri-service General Hospital, Magong, Taiwan
P-003	<b>Application of Hyperbaric Oxygen (HBO) therapy for patients with spontaneous intracranial hemorrhage (sICH): preliminary result of one university-affiliated medical center</b> <u>Chi-Tun Tang</u> <sup>1</sup> , Tzu-Tsao Chung <sup>1,2</sup> , Yuan-Hao Chen <sup>1</sup> , Dueng-Yuan Hueng <sup>1</sup> , Da-Tong Ju <sup>1</sup> , Kun-Lun Huang <sup>3</sup> , Hsin-I Ma <sup>1</sup> , Ming-Ying Liu <sup>1</sup> <sup>1</sup> Department of Neurological Surgery, Tri-service General Hospital, Taipei, Taiwan <sup>2</sup> Department of Surgery, Peng-hu branch, Tri-service General Hospital, Magong, Taiwan <sup>3</sup> Department of Undersea and Hyperbaric Medicine, Tri-service General Hospital, Taipei, Taiwan
P-004	<b>Assessment cerebral vascular reserve capacity by use the Acetazolamide challenge test with brain enhanced perfusion MRI</b> <u>Hao-Yu Chuang</u> , Yu-Ling Bai, Hung-Chi Hsieh, Yen-Hung Pan, Lan-Yu Wang, Qiong-Zu Wang, Xu-Zhi Hsu, Yu-Ting Lin, Yi-Hui Huang, Nian-Zu Han, Shinn-Zong Lin Division of Neurosurgery, China Medical University Bei-Gang Hospital Division of Neurosurgery, Tainan Municipal An-Nan Hospital-China Medical University
P-005	<b>Assessment cerebral vascular reserve capacity by use the Acetazolamide challenge test with brain Enhanced perfusion MRI after EC-IC Bypass : Case report</b> <u>Hao-Yu Chuang</u> , Hsiun-Yi Chang, Yu-Ling Bai, Yen-Hung Pan, Wan-Lun Wei, Hung Kai Lai, Yue-Chang Lin, Yi-Hui Huang, Nian-Zu Han, Shinn-Zong Lin Division of Neurosurgery, China Medical University Bei-Gang Hospital Division of Neurosurgery, Tainan Municipal An-Nan Hospital-China Medical University
P-006	<b>Transsylvian-transinsular Approach for the Removal of Basal Ganglia Hemorrhage under a Modified Intracerebral Hemorrhage Score~ A Preliminary Report</b> <u>Chao-Hsuan Chen</u> , Han-Chung Lee, Hao-Che Chuang, Chun-Chung Chen, Wen-Yuan Lee, Yen-Tse Chu, Der-Yang Cho Department of Neurosurgery, China Medical University Hospital
P-007	<b>Predictors of Shunt-Dependent Chronic Hydrocephalus after Aneurysmal Subarachnoid Hemorrhage</b> Tao-Chieh Yang <sup>1</sup> , Chien Hung Chang <sup>2,3</sup> , Yu-Tse Liu <sup>4</sup> <sup>1</sup> Department of Neurosurgery ,Taichung Tzuchi Hospital, The Buddisht Tzuchi Medical Foundation <sup>2</sup> Stroke Center and Department of Neurology, Chang Gung Memorial Hospital <sup>3</sup> Department of Neurology, Chang Gung Memorial Hospital <sup>4</sup> Department of Neurosurgery, Chang Gung Memorial Hospital
P-008	<b>Rupture Symptomatic Blood Blisterlike Aneurysm of Internal Carotid Artery: Clinical Experience and Outcome of Management</b> Tao-Chieh Yang <sup>1</sup> , Chien Hung Chang <sup>2,3</sup> , Yu-Tse Liu <sup>4</sup> <sup>1</sup> Department of Neurosurgery ,Taichung Tzuchi Hospital, The Buddisht Tzuchi Medical Foundation <sup>2</sup> Stroke Center and Department of Neurology, Chang Gung Memorial Hospital <sup>3</sup> Department of Neurology, Chang Gung Memorial Hospital <sup>4</sup> Department of Neurosurgery, Chang Gung Memorial Hospital
P-009	<b>Posterior communicating aneurysm with oculomotor nerve palsy: clinical outcome after aneurysm clipping in Shin Kong Memorial Hospital</b> Sio-Iong Chang <sup>1,2</sup> , Chih-Peng Wei <sup>2,3</sup> , Ming-Dar Tsai <sup>2</sup> , Ming-Cheng Tsai <sup>2</sup> , Chin-Lin Chen <sup>2</sup> , Weng-Fai Lao <sup>2</sup> Department of Neurosurgery, Cardinal Tien Hospital, Yonghe Branch, New Taipei City, Taiwan <sup>1</sup> Department of Neurosurgery, Shin Kong Wu-Ho-Su Memorial Hospital, Taipei, Taiwan <sup>2</sup> Department of Neurosurgery, Cardinal Tien Hospital, New Taipei City, Taiwan <sup>3</sup>
P-010	<b>Pituitary apoplexy present with ptosis, a rare presentation</b> Sing Soon Sam, Shih-Hao Huang Division of Neurosurgery, Department of Surgery, Far Eastern Memorial Hospital
P-011	<b>Idiopathic Lenticulostriate Artery Aneurysm in An Adolescent Presenting with Intracerebral Hemorrhage</b>

	<u>Che-Kuang Lin, M.D.</u> , Lin-Hsue Yang, M.D. Division of Neurosurgery, Department of Surgery, Far Eastern Memorial Hospital, Banqiao, New Taipei, 22060, Taiwan
P-012	<b>An idiosyncratic vascular lesion in a 42-year-old man</b> Li-wei Sun, Chung Liang Chai Division of Neurosurgery, Department of Surgery, Far Eastern Memorial Hospital
P-013	<b>Surgical Management of Coexistence of Unruptured Paraclinoid ICA and MCA Aneurysms: A Case Report</b> Kuan-Pin Chen, Tsung-Lang Chiu, Chaun-Fa Su Department of Neurosurgery, Buddhist Tzu Chi General Hospital/Buddhist Tzu Chi University, Hualien, Taiwan
P-014	<b>Surgical Result of Encephalo-myo-synangiosis for Moyamoya Disease : Two-Cases Report and Review of the Literature.</b> Yu-Feng Su <sup>1</sup> ; Chih-Lung Lin <sup>1</sup> ; Yen-Feng Hwang <sup>1</sup> ; Tai-Shin Tsai <sup>1</sup> ; Shiu-Lin Hwang <sup>1</sup> ; Joon-Khim Loh <sup>2</sup> <sup>1</sup> Department of Neurosurgery, Kaohsiung Medical University Hospital <sup>2</sup> Department of Surgery, Kaohsiung Municipal Hsiaokang Hospital
P-015	<b>From bench to clinical trial Results of chronic stroke patients treated with autogenous CD 34+ stem cells transplantation – Phase II randomised control study</b> <u>Chen Der-cherng</u> <sup>1,2,3</sup> , Shyu Wei-cherng <sup>1,2,4</sup> , Chao Der-yang <sup>1,2,3</sup> , Lin Shin-zong <sup>1,2,3</sup> China Medical University and Hospital Center for Neuropsychiatry <sup>1</sup> , Center for stroke <sup>2</sup> , Dep. of Neurosurgery <sup>3</sup> , Dep. of Neurology <sup>4</sup>
P-016	<b>Spontaneous hematomyelia caused by rupture of type I C-spinal dural arteriovenous fistula : Case report and literature review</b> <u>Jeng-Hung Guo</u> <sup>1</sup> , <u>Cheng-Di Chiu</u> <sup>1</sup> , <u>Der-Yang Cho</u> <sup>1</sup> <sup>1</sup> Department of Neurosurgery, China Medical University Hospital, Taichung, Taiwan, R.O.C.
<b>腫瘤</b>	
P-017	<b>Quantitative analysis of surgical exposure and maneuverability associated with the endoscope and the microscope in the retrosigmoid and various posterior petrosectomy approaches to the petroclival region using computer tomography-based frameless stereotaxy. A cadaveric study</b> <u>Shih-Wei Hsu</u> , Chi-Tun Tang, Kazuhiko Kurozumi a,b, Promod Pillai a, Venko Filipceva, E. Antonio Chioccaa, Mario Ammiratia Department of Neurological Surgery, the Ohio State University Medical Center, Columbus, OH, United States Department of Neurological Surgery, Okayama University/Graduate School of Medicine Dentistry and Pharmaceutical Science, Okayama, Japan Department of Neurological Surgery, Tri-service General Hospital/National Defense Medical Center, Taipei, Taiwan
P-018	<b>Life-threatening huge posterior fossa cyst induced by pseudomeningocele after operation for acoustic neuroma : case report</b> <u>Jung-Ying Chiang</u> , Hung-Lin Lin, MD Department of Neurosurgery, China Medical University Hospital
P-019	<b>Management of Intrasellar Arachnoid Cysts, Case Report</b> Cheng-Che Hung , Hung-Lin Lin, Der-Yang Cho Department of Neurosurgery, China Medical University Hospital
P-020	<b>The mechanism of tumor suppressive miR-137 &amp; miR-6500 in pediatric malignant gliomas</b> <u>Muh-Lii Liang</u> <sup>1,2</sup> , Ya-Ni Tsai <sup>3</sup> , Kim-Hai Ng <sup>3</sup> , Wei-Chung Cheng <sup>3</sup> , Tai-Tong Wong <sup>4</sup> , Hsei-Wei Wang <sup>2,3</sup> 1.Division of Pediatric Neurosurgery, Department of Neurosurgery, Neurological Institute, Taipei Veterans General Hospital, R.O.C. 2.Institute of Clinical Medicine, National Yang-Ming University 3.Institute of Microbiology and Immunology, National Yang-Ming University 4.Department of Surgery, Cheng Hsin General Hospital
P-021	<b>Sigmoid Colon Perforation Related to Bevacizumab in a Patient with Recurrent Glioblastoma Multiforme</b> <u>Han-Lin Yen</u> <sup>1</sup> , Shih-Chung Tsai <sup>1</sup> , Mei-Lin Sung <sup>2</sup> 1.Division of Neurosurgery, Department of Surgery, Tainan Municipal Hospital, Tainan, Taiwan 2.Registered professional nurse, Department of Surgery, Tainan Municipal Hospital, Tainan, Taiwan
P-022	<b>Low grade astrocytoma presenting as a brain stone</b> Chieh Yang, Cheng <sup>1</sup> , Jinn-Rung Kuo <sup>1,2</sup> , Che-Chuan Wang <sup>1,3</sup> , Chung-Ching Chio <sup>1</sup> , Chin-Hong, Chang <sup>1</sup> Departments of <sup>1</sup> Neurosurgery, traumatic brain injury center; Chi-Mei Medical Center, Tainan, Taiwan Department of <sup>2</sup> Biotechnology, <sup>4</sup> Child care, Taiwan University of Science and Technology, Tainan, Taiwan

P-023	<b>Prediction of Long-term Postoperative Testosterone Replacement by Preoperative Tumor Volume of Pituitary Macroadenoma</b> Cheng-Chi Lee, Chi-Cheng Chuang Department of Neurosurgery, Chang Gung Memorial Hospital, at Linkou
P-024	<b>Giant cell tumor of temporal bone: a case report</b> <u>Huai-han Shao</u> , Yung-hsin Hsu, Shiang-Fu Huang, Shih-Ming Jung Department of Neurosurgery, Chang Gung Memorial Hospital
P-025	<b>Corpus Callosum Involvement in Glioma</b> <u>Pin-Yuan Chen</u> , Mun-Chun Marcus Yeap, Tai-Wei Erich Wu, Kuo-Chen Wei Department of Neurosurgery, Chang Gung Memorial Hospital
P-026	<b>Acute bleeding metastatic spinal tumor from HCC cause acute onset of cauda equina syndrome</b> Chih-Ying Wu , Hsiang-Ming Huang, Der-Yang Cho Department of Neurosurgery, China Medical University Hospital
P-027	<b>Arachnoid Cyst Complicated with Recurrent Chronic Subdural Hemorrhage</b> <u>Yun-Cong Zheng</u> , Huang-I Liao, Mun-Chun Yeap, Chih-Lung Lin Department of Neurosurgery, Chang Gung Memorial Hospital
P-028	<b>3D Surface Scanning Analysis for Evaluating the Appearance of Acromegalic Patients after Treatment</b> <u>Jiun-Lin YAN</u> <sup>1</sup> , Ming-Hsu WANG <sup>2</sup> , Jen-Der LIN <sup>3</sup> , Wen-Ko CHIOU <sup>2</sup> , Chen-Nen CHANG <sup>1*</sup> <sup>1</sup> Department of Neurosurgery, Chang Gung Memorial Hospital, Taoyuan, Taiwan <sup>2</sup> Department of Industrial Design, Chang Gung University, Taoyuan, Taiwan <sup>3</sup> Department of Metabolism and Endocrine, Chang Gung Memorial Hospital, Taiwan
P-029	<b>Clinical Features and Surgical Outcomes of Sporadic Cerebellar Hemangioblastomas-A Single Centre Study</b> <u>Chen-Chieh Liao</u> <sup>1</sup> , Yu-Hua Huang <sup>1, 2</sup> <sup>1</sup> Department of Neurosurgery, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan <sup>2</sup> Graduate Institute of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan
P-030	<b>Secondary Gliosarcoma : two cases report and literature review</b> <u>Chih-Hao Chen</u> ; Shu-Shong Hsu Division of Neurosurgery, Department of Surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan
P-031	<b>Choroid Plexus Carcinoma : A Rare Tumor In Adult</b> <u>Chi-Man Yip, M.D.</u> , Shu-Shong Hsu, M.D., Wei-Chuan Liao, M.D., Jun-Yih Chen, M.D., Su-Hao Liu, M.D., Chih-Hao Chen, M.D. Division of Neurosurgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan, R.O.C
P-032	<b>Endoscopic fenestration for management of radiation-induced cystic temporal lobe necrosis-case report</b> <u>Wei-Chuan Liao</u> , Shu-Shong Hsu, Chi-Man Yip, Jun-Yih Chen, Su-Hao Liu, Chih-Hao Chen Division of Neurosurgery, Department of Surgery, Kaohsiung Veterans General Hospital, Taiwan, R.O.C.
P-033	<b>Diagnostic difficulty: Rathke cleft cyst mimic pituitary adenoma, 7 years experience in Shin Kong WHS Memorial Hospital.</b> Chi Kao Tang , Chih Peng Wei, Chin-Lin Chen, Ming-Cheng Tsai, Ming-Dar Tsai Department of Neurosurgery, Shin Kong WHS Memorial Hospital
P-034	<b>A patient with rapidly growing intracranial germ cell tumor in 3 month presented with neurologic deficits</b> Te-Yuan Chen, Jui-Sheng Chen, Yu-Tun Tsai, Han-Jung Chen Department of Neurosurgery, E-Da Hospital
P-035	<b>A case of Castleman's disease in presacrum</b> <u>Cien-Leong Chye</u> , Hao-Kuang Wang, Kang Lu Department of Neurosurgery, E-Da Hospital, I-Shou University
P-036	<b>How to help neurosurgeon rapidly calculating the volume of acoustic neuromas? Validation of ABC/2 formula in comparison with planimetry method</b> <u>Yi-Lin Yu</u> <sup>1</sup> , Meei-Shyuan Lee <sup>2</sup> , Chun-Jung Juan <sup>3</sup> , Dueng-Yuan Hueng <sup>1,4,*</sup> <sup>1</sup> Department of Neurological Surgery, and <sup>3</sup> Radiology, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan <sup>2</sup> School of Public Health, <sup>4</sup> Department of Biochemistry, National Defense Medical Center, Taipei, Taiwan
<b>基礎</b>	
P-037	<b>Matrix metalloproteinase-9 in the ventricular cerebrospinal fluid correlated with the prognosis of traumatic brain injury</b> <u>Chun-Lin Liu</u> ; Chun-Chang Chen; Han-Chung Lee; Der-Yang Cho Department of Neurosurgery, China Medical University Hospital
P-038	<b>Anterior Atlantoaxial Approach with Endoscope-assisted Transoral Decompression: Cadaveric Design and Device Concept</b>

	<p><b>Chi-Tun Tang<sup>ac</sup>, David Matt<sup>b</sup>, Nishanta B. Baidya<sup>a</sup>, Mario Ammirati<sup>a*</sup></b>  <sup>a</sup> Department of Neurological Surgery, the Ohio State University Medical Center, Columbus, Ohio  <sup>b</sup> School of Medicine, third year summer project, the Ohio State University, Columbus, Ohio  <sup>c</sup> Department of Neurological Surgery, Tri-service General hospital/National Defense Medical Center, Taipei, Taiwan</p>
P-039	<p><b>Evodiamine-Induced Transient Receptor Potential Vanilloid Type I (TRPV1)-Mediated Autophagy in U87-MG Glioma Cells</b>  Ann-Jeng Liu<sup>ab</sup>, Sheng-Hao Wang<sup>c</sup>, Sz-Ying Hou<sup>c</sup>, Wen-Ta Chiu<sup>ad</sup>, Sheng-Huang Hsiao<sup>b</sup>, Chwen-Ming Shih<sup>c</sup>  <sup>a</sup>Graduate Institute of Clinical Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan, ROC  <sup>b</sup>Department of Neurosurgery, Taipei City Hospital Ren-Ai Branch, Taipei, Taiwan, ROC  <sup>c</sup>Department of Biochemistry, College of Medicine, Taipei Medical University, Taipei, Taiwan, ROC  <sup>d</sup>Department of Neurosurgery, Taipei Municipal Wan-Fang Hospital, Taipei, Taiwan, ROC</p>
P-040	<p><b>YC-1 reduces glutamate-induced neuronal excitotoxicity and decreases matrix metalloproteinase-9 activation and expression following transient focal cerebral ischemia in mice</b>  Wei-Ting Lee, E-Jian Lee  Neurophysiology Laboratory, Neurosurgical Service, Departments of Surgery, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan</p>
P-041	<p><b>Cinnamophilin enhances temozolomide-induced cytotoxicity against malignant glioma through inducing cell apoptosis</b>  Yu-Wen Lin<sup>1</sup>, Wei-Sheng Juan<sup>1</sup>, Tian-Shung Wu<sup>2</sup>, E-Jian Lee<sup>1</sup>,  <sup>1</sup>Neurosurgical Service, Department of Surgery, National Cheng Kung University Medical Center and Medical School, Tainan, Taiwan.  <sup>2</sup>Department of Chemistry, National Cheng Kung University, Tainan, Taiwan</p>
P-042	<p><b>EMMPRIN expression positively correlates with WHO grades of primary brain tumors</b>  Dueng-Yuan Hueng<sup>1,4</sup>, Wen-Chiuan Tsai<sup>2</sup>, Ying Chen<sup>3</sup>, Li-Chun Huang<sup>4</sup>, Heng-Sheng Lee<sup>2</sup>, Shih-Ming Huang<sup>4</sup>, Huey-Kang Sytwu<sup>5</sup>, Hsin-I Ma<sup>1</sup>  <sup>1</sup>Department of Neurological Surgery, and <sup>2</sup>Pathology, Tri-Service General Hospital, Department of <sup>3</sup>Biology and Anatomy, <sup>4</sup>Biochemistry, and <sup>5</sup>Graduate Institute of Medical Sciences, National Defense Medical Center, Taipei, Taiwan</p>
P-043	<p><b>Cinnamophilin inhibits matrix metalloproteinase-9 (MMP-9) activation in the lipopolysaccharide (LPS)-stimulated RAW 264.7 and BV2 cells and a mouse model of meningitis</b>  Sheng-Yang Huang<sup>1,2</sup>, Wei-Ting Lee<sup>2</sup>, Wei-Sheng Juan, M.D.<sup>2</sup>, Shih-Huang Tsai, M.D.<sup>2</sup>, E-Jian Lee, M.D., Ph.D.<sup>2</sup>  <sup>1</sup>Institute of Biomedical Engineering, National Cheng Kung University, Tainan, Taiwan  <sup>2</sup>Neurophysiology Laboratory, Neurosurgical Service, Departments of Surgery, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan</p>
P-044	<p><b>The neuroprotective effects of Etanercept (a TNF-alpha antagonist) on traumatic brain injury in rats</b>  Kam Hou, Ao<sup>1</sup>, *Jinn-Rung Kuo<sup>1,2,3</sup>, Che-Chuan, Wang<sup>1,4</sup>, Chung-Chin, Chio<sup>1</sup>  <sup>1</sup>Departments of Neurosurgery (Traumatic brain injury center), <sup>2</sup>Medical research, Chi-Mei Medical Center, Tainan, Taiwan  <sup>3</sup>Biotechnology, <sup>4</sup>Child care, Southern Taiwan University, Tainan, Taiwan</p>
P-045	<p><b>The neuroprotective effects of Tamoxifen (selective estrogen receptor modulator) on traumatic brain injury rats</b>  Hsiao yue, Wee<sup>1</sup>, *Jinn-Rung Kuo<sup>1,2,3</sup>, Chung-Ching Chio<sup>1</sup>, Che-Chuan Wang<sup>3,4</sup>, Chin-Hong, Chang<sup>1</sup>  Departments of <sup>1</sup>Neurosurgery, traumatic brain injury center; <sup>2</sup>Medical center, Chi-Mei Medical Center, Tainan, Taiwan  Department of <sup>3</sup>Biotechnology, <sup>4</sup>Child care, Taiwan University of Science and Technology, Tainan, Taiwan</p>
P-046	<p><b>Cortactin and Fascin-1 Expression with WHO Grades in Primary Brain Tumors</b>  Dueng-Yuan Hueng<sup>1</sup>, Wen-Chiuan Tsai<sup>2</sup>  國防醫學院三軍總醫院 <sup>1</sup>神經外科部 <sup>2</sup>病理部</p>
P-047	<p><b>The antidepressant-like effects of Tamoxifen (selective estrogen receptor modulator) on traumatic brain injury in rats</b>  Hsiao yue, Wee<sup>1</sup>, Rui-En, Hong, *Jinn-Rung Kuo<sup>1,2,3</sup>, Chung-Ching Chio<sup>1</sup>, Che-Chuan Wang<sup>3,4</sup>, Chin-Hong, Chang<sup>1</sup>  Departments of <sup>1</sup>Neurosurgery, traumatic brain injury center; <sup>2</sup>Medical center Chi-Mei Medical Center, Tainan, Taiwan  Department of <sup>3</sup>Biotechnology, <sup>4</sup>Child care, Taiwan University of Science and Technology, Tainan, Taiwan</p>
P-048	<p><b>Marine-derived natural compound WSS treatment improves functional recovery by anti-apoptotic and anti-inflammatory effect after spinal cord injury</b>  Wu-Fu Chen<sup>1</sup>, Chun-Hong Chen<sup>2</sup>, Zhi-Hong Wen<sup>2,3</sup>  Department of Neurosurgery, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University</p>

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P-049	<b>The potassium-channel openers Pinacidil and KMUP-1 can decrease vasospasm severity after subarachnoid hemorrhage by increasing the BKCa-channel activity.</b> Jun-Yih Chen <sup>1,4</sup> , Li-Wen Chu <sup>2</sup> , Bin-Nan Wu <sup>3</sup> <sup>1</sup> Division of Neurosurgery, Kaohsiung Veterans General Hospital, <sup>2</sup> School of Pharmacy, College of Pharmacy, Kaohsiung Medical University, <sup>3</sup> Department of Pharmacology, College of Medicine, Kaohsiung Medical University, <sup>4</sup> Institute of Biological Sciences, National Sun Yat-Sen University
P-050	<b>Nanoparticles-labeled neural progenitor cells to trace glioblastoma in vivo</b> Dueng-Yuan Hueng <sup>1</sup> , Chiao-Chi V Chen <sup>2</sup> , Min-Chi Ku <sup>2</sup> , Jaya Seema D.M. <sup>2</sup> , Jiann-Shiun Lai <sup>2</sup> , Chen Chang <sup>2</sup> <sup>1</sup> Department of Neurological Surgery, Tri-Service General Hospital, National Defense Medical Center, <sup>2</sup> Institute of Biomedical Sciences, Academia Sinica, Taipei, Taiwan
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P-051	<b>Comparative outcome analysis of DIAM spacer and spinous process preserved discectomy</b> Chi-Tun Tang, Yuan-Hao Chen, Dueng-Yuan Hueng, Da-Tong Ju, Hsin-I Ma, Ming-Ying Liu Department of Neurological Surgery, Tri-service General Hospital, Taipei, Taiwan
P-052	<b>Intraspinal Pseudogout: a Case Report</b> Wen-Jui Chang, Che-Kuang Lin, Chung Liang Chai, Shih-Hao Huang, Yi-Hsin Tsai, Lin-Hsue Yang, Jionn-Jong Wu Division of Neurosurgery, Department of Surgery, Far Eastern Memorial Hospital, Taipei, Taiwan
P-053	<b>Clival to Retro-odontoid Epidural Hematoma without Fracture in a patient with multiple trauma: a case report</b> Po-Hsun Tu, Ching-Chang Chen, Zhuo-Hao Liu, Jyi-Feng Chen, Chieh-Tsai Wu, Shih-Tseng Lee, Department of Neurosurgery, China Medical University Hospital
P-054	<b>Clinical correlation with diffusion tensor image and surgical treatment of cervical spinal epidural empyema secondary to tropical pyomyositis of erector spinae. A case report.</b> Cheng-Chih Liao, Chung-Lin Yang an, Ching-Chang Chen, Ching-Yi Lee Neurodurgical Department, Chang Gung Memorial Hospital
P-055	<b>Traumatic thoracic spinal fracture dislocation without neurologic deficit: two case reports and literature review</b> Yu-Tse Liu, Yu-Chi Wang, Huang-I Liao Department of Neurosurgery, Chang Gung Memorial Hospital
P-056	<b>Development of a rodent model of cervical spinal cord injury</b> Zhuo-Hao Liu <sup>1,2</sup> , Yang-Lan Lo <sup>1</sup> , Ping-Kei Yip <sup>2</sup> , Adina T Michael-Titus <sup>2</sup> , John V Priestley <sup>2</sup> <sup>1</sup> Department of Neurosurgery, Linkou Chung Gung Memorial Hospital <sup>2</sup> Center of Neuroscience and Trauma, Barts and The London School of Medicine, University of London
P-057	<b>A complete C1/2 spinal cord injury with type II and III odontoid fracture suffered frequent cardiac arrest</b> Chien-Hui Lee, Sheng-Tzung Tsai, Tsung-Lang Chiu 1, Chain-Fa Su Department of Neurosurgery Buddhist Tzu-Chi Medical Center and Tzu-Chi University, Hualien City, Taiwan
P-058	<b>Spinal Epidural Arteriovenous Fistula Caused By Compression Fracture</b> Wei-Jie Tzeng, Hao-Kuang Wang, Kang Lu, Pao-Chao Liliang, Cheng-Loong Liang, Chang- Hsien Ou Department of Neurosurgery, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan <b>Department of Radiology, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan</b>
P-059	<b>C1-2 posterior fusion with C1 lateral mass screws and C2 translaminar screws- case report</b> Chin-I Chen, M.D., Chien-Ming Chen M.D., Chun-Yuan Cheng M.D.MSc. Division of Neurosurgery, Department of Surgery, Changhua Christian Hospita
P-060	<b>Cervical spinal cord herniation after traumatic cervical spine injury: a rare case report and review of the literature</b> Shao-Wei, Feng, M.D. <sup>a</sup> , Ming-Ying Liu M.D. <sup>a</sup> , Jang-Chun, Lin, M.D. <sup>b</sup> <sup>a</sup> Department of Neurological Surgery, Tri-Service General Hospital, <sup>b</sup> Department of Radiation Oncology, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan, Republic of China
P-061	<b>C2-C4 plate fixation for surgical treatment of complex C2 fracture with unstable C2-C3 motion segment</b> Wen-Hsing Hsu, *†; Yung-Hsin Hsu, *; Chih-Lung Lin, *†; Tuz-Kang Lin*; Ting-Lan Kuo* *: Department of Neurosurgery, Chang Gung Memorial Hospital, Taoyuan, Taiwan †: Chang Gung University, Taoyuan, Taiwan
P-062	<b>Effects of teriparatide treatment on improvement of lung function in osteoporosis female patients with</b>

	<p><b>multiple vertebral compression fractures</b> Chien-Min Chen MD, Chun-Yuan Cheng MD, Yen-Po Cheng MD Division of Neurosurgery, Department of Surgery, Changhua Christian Hospital, Changhua, Taiwan.</p>
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P-064	<p><b>Bedside transcranial Doppler ultrasound in patients with decompressive craniectomy: preliminary experiences of one university-affiliated teaching hospital</b> <u>Chi-Tun Tang</u><sup>1</sup>, Shih-Wei Hsu<sup>1</sup>, Tzu-Tsao Chung<sup>1,2</sup>, Yuan-Hao Chen<sup>1</sup>, Dueng-Yuan Hueng<sup>1</sup>, Da-Tong Ju<sup>1</sup>, Hsin-I Ma<sup>1</sup>, Ming-Ying Liu<sup>1</sup> Department of Neurological Surgery, Tri-service General Hospital, Taipei, Taiwan Department of Surgery, Peng-hu branch, Tri-service General Hospital, Magong, Taiwan</p>
P-065	<p><b>Demonstration of Chronic Staphylococcus Bacteremia in a Patient with a History of Multiple Cerebrospinal Fluid Shunt Implantation : A Biofilm related?</b> <u>I-Han Hsiao</u><sup>1</sup>, Hung-Lin Lin<sup>1</sup>, Der-Yang Cho<sup>1</sup> <sup>1</sup>Department of Neurosurgery, China Medical University Hospital</p>
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P-068	<p><b>Does hyperlipidemia increase the risk for the new-onset of anxiety disorder after traumatic brain injury</b> Jen-Chieh Liao<sup>1</sup>, *Jinn-Rung Kuo<sup>1, 2, 3,</sup>, Chung-Han Ho<sup>2</sup>, Chung-Ching Chio<sup>1</sup>, Che-Chuan Wang<sup>3, 4,</sup>, Chin-Hing, Chang<sup>1</sup> Departments of <sup>1</sup>Neurosurgery, traumatic brain injury center; <sup>2</sup>Medical center, Chi-Mei Medical Center, Tainan, Taiwan Department of <sup>3</sup>Biotechnology, <sup>4</sup>Child care, Taiwan University of Science and Technology, Tainan, Taiwan</p>
P-069	<p><b>One year mortality associations in hemodialysis patients after traumatic brain injury – a population-based study</b> Jen-Chieh Liao<sup>1</sup>, *Jinn-Rung Kuo<sup>1, 2, 3,</sup>, Chung-Han Ho<sup>2</sup>, Chung-Ching Chio<sup>1</sup>, Che-Chuan Wang<sup>3, 4,</sup>, Chin-Hing, Chang<sup>1</sup> Departments of <sup>1</sup>Neurosurgery, traumatic brain injury center; <sup>2</sup>Medical center, Chi-Mei Medical Center, Tainan, Taiwan Department of <sup>3</sup>Biotechnology, <sup>4</sup>Child care, Taiwan University of Science and Technology, Tainan, Taiwan</p>
P-070	<p><b>Level estimation of cerebral perfusion pressure by using near infrared</b> Tee tau, Eric nyam<sup>3</sup>, Che-Chuan Wang<sup>1,3,6</sup>, *Jinn-Rung<sup>3,4,5</sup>, Kuo, Bor-Shyh Lin<sup>1,2</sup>, Chung-Ching Chio<sup>3</sup>, Chin-Hong, Chang<sup>1</sup> <sup>1</sup>Institute of Imaging and Biomedical Photonics, National Chiao-Tung University, Tainan, Taiwan <sup>2</sup>Institute of Photonic System, National Chiao-Tung University, Tainan, Taiwan Department of <sup>3</sup>Neurosurgery, <sup>4</sup>Medical Research, Chi Mei Medical Center, Tainan, Taiwan Department of <sup>5</sup>Biotechnology, <sup>6</sup>Child care, Taiwan University of Science and Technology, Tainan, Taiwan</p>
P-071	<p><b>Using three-dimensional multi-grid-based snake and multi-resolution image registration for reconstruction of cranial defect</b> <u>Chieh-Tsai Wu*</u>, Shih-Tseng Lee*, Yu-Te Wu**, Yuan-Lin Liao** *Department of Neurosurgery, Chang-Gung Memorial Hospital LinKou **Brain Research Center, National Yang-Ming University</p>
P-072	<p><b>Traumatic brain injury with Liver Cirrhosis, 10years experience</b> <u>Ching-Chang Chen</u>, Shih-Tseng Lee, Kuo-chen Wei, Chieh-Tsai Wu, Yin-Cheng Huang, Po-Chuang Hsieh Department of Neurosurgery, College of Medicine, Chang Gung University, Chang Gung Memorial Hospital</p>
P-073	<p><b>Risk Factors of Predictive Failure of Nonoperative Management in patients who have mild traumatic brain injury with minimal hematoma on admission</b> <u>Fu-Yuan Shih</u>, Wu-Fu Chen, Jih-Tsun Ho, Hung-Chen Wang Department of Neurosurgery, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan</p>
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P-080	<b>Assess the postoperative STN-DBS electrodes position for parkinsonism</b> Yan-Hong Pan <sup>1</sup> , Hao-Yu Chuang <sup>1,2</sup> , Yen-Tze Chu <sup>2</sup> , Shin-Yuan Chen <sup>3</sup> , Shinn-Zong Lin <sup>1,2</sup> <sup>1</sup> Department of Neurosurgery, China Medical University Beigang Hospital <sup>2</sup> Department of Neurosurgery, Tainan Municipal An-Nan Hospital - China Medical University <sup>3</sup> Department of Neurosurgery, Tzu Chi General Hospital, Hualien
P-081	<b>LINAC stereotatic radiosurgery in the management of the intracranial arteriovenous malformations: the long-term outcome</b> <u>Peng-Wei Hsu</u> , Yu-Chi Wang, Cheng-Nen Chang, Kuo-Cheng Wei, Shih-Tseng Lee Brain Tumor Division, Department of Neurosurgery, Chang Gung Memorial Hospital at Linkou, Taoyuan, Taiwan, ROC