

제 14 차 대한정위기능신경외과학회 학술대회 일정

◆ 일시: 2008년 3월 22일(토) 07:30 ~ 18:00

◆ 장소: 한양대학교 HIT빌딩 6층 대강당

07:30 ~ 08:00 상임이사회

08:00 ~ 08:30 운영위원회

08:00 ~ 접수 및 등록

08:30 ~ 개회사 및 회장님 인사말씀

1st Session

08:40 ~ 10:00 일반 연제 8개(7분 발표 3분 토의)

좌장: 이경진/홍승철

- 08:40 ~ 08:50 Clinical Outcome and Electrode Position Determined by the Fused Image of Preop MRI and Postop CT after Bilateral STN DBS 서울의대 백 선 하 15
- 08:50 ~ 09:00 Bilateral Deep Brain Stimulation of the Pedunculopontine Nucleus in Advanced Parkinson's Disease 가톨릭의대 손 병 철 16
- 09:00 ~ 09:10 Thalamic Deep Brain Stimulation for Writer's Cramp 가톨릭의대 이 경 진 17
- 09:10 ~ 09:20 DBS Lead Anchoring: Skull outer Table Drilling & Cap use Method 인제의대 김 무 성 18
- 09:20 ~ 09:30 Sacral Nerve Stimulation of Intractable Pain with Cauda Equina Syndrome 영남의대 조 민 수 19
- 09:30 ~ 09:40 Effectiveness of Spinal Cord Stimulation in Chronic Neuropathic Pain from Adhesive Arachnoiditis, a Particular Subtype of Failed Back Surgery Syndrome 가톨릭의대 손 병 철 20
- 09:40 ~ 09:50 Spinal Cord, Sacral Nerve Stimulation and Neurolysis for Misdiagnosed FBSS Including Arachnoiditis Ossificans and Calcified Brachial Plexopathy 한림의대 임 재 관 21
- 09:50 ~ 10:00 Exquisite Design of Stimulation Technique of SCS for Neuropathic Pain 한양의대 김 영 수 22
- 10:00 ~ 10:20 Coffee Break - Poster Session

2nd Session

10:20~11:10 **Invited Speakers** (40분 강의 10분 토의)

좌장: 임 영 진

1. Impact on Clinical Practice by the Perfexion
Gamma Knife Christer Lindquist, M.D. 23
Cromwell Hospital, London, U.K.
2. Rational for Treating Multiple Cerebral Metastases
by Gamma Knife Surgery Christer Lindquist, M.D. 24
Cromwell Hospital, London, U.K.

11:10~12:00 **일반 연제** 5개(7분 발표 3분 토의)

좌장: 박용구 · 김동규

- 11:10~11:20 Unexpected Clinical Course after Gamma Knife Radiosurgery
for the Intracranial Benign Lesions 경희의대 임 영 진 25
- 11:20~11:30 Gamma Knife Surgery for Brain Metastases in Patients
Harboring Ten or More Lesions 성균관의대 김 민 수 26
- 11:30~11:40 Gamma Knife Radiosurgery for Intracranial
Hemangioblastoma 서울의대 한 정 호 27
- 11:40~11:50 Gamma Knife Radiosurgery for Multiple Brain Metastases
from Lung Cancer 경북의대 박 성 현 28
- 11:50~12:00 Novalis Stereotactic Radiosurgery for Cranial and
Spinal Chordoma 인제의대 손 문 준 29
- 12:00~13:00 **Lunch - Poster Session**

3rd Session

13:00~13:50 **Invited Speakers** (40분 강의 10분 토의)

좌장: 박 정 율

1. Neuromodulation: Where Will We Be in the Next
Few Years? Russell J. Andrews, M.D. 30
*Ames Associate Smart Systems & Nanotechnology
NASA Ames Research Center, Moffett Field, CA, USA*

2. Neuromodulation: Where We Might Be in the Next

Few Decades! Russell J. Andrews, M.D. 31

*Ames Associate Smart Systems & Nanotechnology
NASA Ames Research Center, Moffett Field, CA, USA*

13:50~14:50 **일반 연제** 5개(7분 발표 3분 토의)

좌장: 장진우 · 정천기

13:50~14:00 Different Firing Patterns with Burst Activities in Lateral
Thalamic Nuclei 고려의대 김 종 현 33

14:00~14:10 Hardware-related Complications of Deep Brain Stimulation:
Implant Erosion in Scalp 봉생병원 정 성 규 34

14:10~14:20 Effects of Subthalamic Nucleus Deep Brain Stimulation on
Parkinsonian Resting Tremor: An MEG Study 서울의대 박 혜 임 35

14:20~14:30 Thalamic Deep Brain Stimulation Combined with Bilateral
Cingulotomy for Post-stroke Pain 연세의대 강 동 완 36

14:30~14:40 Effect of Temporal Lobe Epilepsy on Language Pathway:
Analysis with Diffusion Tensor Imaging Focused on
Uncinate and Arcuate Fasciculus 서울의대 김 치 언 37

4th Session

14:40~15:30 **특 강**

좌장: 손은익/김재휴

14:40~15:00 Update on Human Brain Mapping 연세의대 장 종 희 38

15:00~15:20 Update on Clinical Application of Stem Cells 가톨릭의대 전 신 수 39

15:20~15:30 **Discussion**

15:30~15:50 **Coffee Break - Poster Session**

5th Session

15:50~16:50 **일반 연제**

좌장: 김영수 · 최하영

15:50~16:00 The Influence of Human Mesenchymal Stem Cell on Apoptotic
Neuronal Cell Death 아주의대 안 영 환 48

16:00~16:10	Spontaneous Intracranial Hypotension: Clinical Presentation, Practical Features & Treatment	계명대의대 박 은 수	49
16:10~16:20	Medical Thermography for Neurosurgeon: Present and Future	고려의대 박 정 울	50
16:20~16:30	Behavioral and Histochemical Consequence of Selective Immunolesion in the Rats for Dementia Animal Model	연세의대 황 용 섭	51
16:30~16:40	Clinical Application of the Brushite Calcium Phosphate Cement (Polybone) for the Surgically Induced Skull Bone Defect	가톨릭의대 이 경 진	52
16:40~16:50	SCENAR Therapy for Fibromyalgia	포천중문의대 허 룡	53

6th Session

16:50~17:50	일반 연제	좌장: 정용태 · 김성호	
16:50~17:00	척추성 통증 환자에서 시행한 척수 신경자극술의 경험	울산의대 전 상 룡	54
17:00~17:10	중추성 및 말초성 신경병성통증에 대한 운동피질자극술	가톨릭의대 손 병 철	55
17:10~17:20	Double Specify SCS for CRPS, type 2	인제의대 김 무 성	57
17:20~17:30	주관 증후군 환자의 치료 결과에 대한 자가 평가	가톨릭의대 장 경 술	58
17:30~17:40	Brachial Plexus Injury에 대한 DREZ Operation 직후 발생된 Whole Body Complex Reflex Pain Syndrome	아주의대 안 영 환	59
17:40~17:50	Technical Considerations about MicroDREZotomy for Paraplegic Pain	한양의대 김 영 수	60

보험이사 보고

17:50~18:00	정위기능신경외과 영역의 건강보험 규정	영남의대 김 성 호
18:00~18:10	총회 및 폐회사	
18:10~	사진 촬영 후 차량으로 프레지던트 호텔(을지로) 19층 그릴 홀로 이동	
18:50~	만찬	
	학술상 1명, 구연 발표 우수상 2명, 포스터 발표 우수상 2명	

포스터 발표

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3. Trigeminal Neuralgia Associated with the Clival Osteochondral Dysplasia; Anomaly of the Craniovertebral Junction 성빈센트병원 손 병 철 63
4. Familial Leukodystrophy Caused Abnormal Movement Disorder and Pallidal Deep Brain Stimulation 봉생병원 정 성 규 64
5. Hypothalamic Stimulation for Intractable Chronic Cluster Headache 봉생병원 정 성 규 64
6. Percutaneous Radiofrequency Trigeminal Rhizotomy after Recurrent Trigeminal Neuralgia Following Gamma-knife Radiosurgery 성빈센트병원 손 병 철 65
7. Deep Brain Stimulation for Treatment of Cervical Dystonia Concomitant with Head Tremor 연대의대 강 동 완 66
8. Suicide after Successful DBS for Parkinsonism 인제대학교 김 무 성 67
9. Medial Thalamotomy for Poststroke Pain 인제대학교 김 무 성 68
10. Neuromodulation for Intractable Visceral Pain due to Chronic Pancreatitis 아산병원 김 진 경 69
11. 수근관 증후군 정도 평가를 위한 자기 기입식 설문서 성모자애병원 장 경 술 70

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International Invited Speakers

Christer E.H. Lindquist, M.D.

PERSONAL INFORMATION

Date of Birth: Nov-28-1944
Place of Birth: Trollhättan, Sweden
Citizenship: Swedish
Civil status: Married to Eva K. Nermo-, M.D.
Children: Jessica (31) Anna (28)
Home Address: 20 Westgate Terrace, London SW5 0TU, U.K.
Business or Mailing Address: Cromwell Gamma Knife Centre
Cromwell Hospital
Cromwell Road
London SW5 0TU
U.K.

EDUCATION

Studentexamen (equivalent to U.S. junior college degree), Blackeberg's läroverk, Stockholm, Sweden. 1973.
Pre-medical major as Junior, Wofford College, Spartanburg, South Carolina, USA. 1964.
M.D. Karolinska Institute, Stockholm, Sweden. 1973.
Ph.D. in Physiology, Karolinska Inst., Stockholm, Sweden. 1973.

POSTGRADUATE TRAINING

Residencies:

General Surgery: Sabbatsberg's Hospital, Stockholm, Sweden. 1974-1975.
Neurosurgery: Division of Neuro- Univ- of Texas Medical Branch, Galveston, Texas, USA. 1975-1976.
Neurosurgery: Karolinska Hospital, Stockholm, Sweden. 1976-1981.

Age: 63

Training: Resident in Neurosurgery at the Karolinska Institute and University of Texas. Ph.D. in Physiology from the Karolinska Institute, Sweden (1973).

Current positions: Director of the Cromwell Gamma Knife Centre, London, U.K.

Associate professor of Neurosurgery, Karolinska Institute, Sweden.

Previous positions: Professor of Neuro-, Brown Univ- USA (1992). Visiting professor of Neuro- at the Univ, of Texas (1988-1989). Associate professor of Physiology, Karolinska Institute (1973-1975).

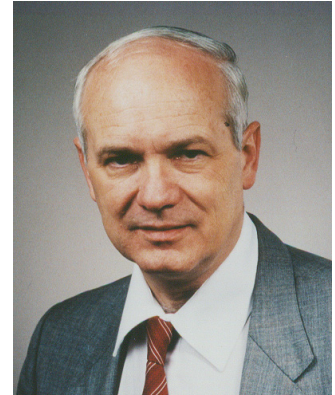
Awards: Recipient of the 1999 "Fabrikant Award" for achievements in radiosurgery.

Pioneers in Radiosurgery Award 2006.

Publications: Some 100 papers on radiosurgery, general neurosurgery and physiology.

Special interests in neurosurgery: Micro- and radiosurgery of skull base tumors and vascular malformations.

Russell J. Andrews, M.D.



Education: Undergraduate, graduate, medical school - Dartmouth and Harvard University

Residency: Surgical Internship - Walter Reed Army Medical Center
Neurosurgery Residency - Stanford University

Professional: Faculty member (Neurosurgery) at the following (1986-2001):
University of California, Davis, Medical Center
Stanford University Medical Center
State University of New York Upstate Medical Center
Texas Tech University Medical Center
Currently Ames Associate at NASA Ames Research Center, Moffett Field, CA, USA.

Major Committees:

American Association of Neurological Surgeons: Chair, International Committee
Asian Conference of Neurological Surgeons
Bioluminate, Inc. (NASA patent licensee): Scientific Advisory Board
Computer Assisted Radiology and Surgery (CARS): Program Committee
Congress of Neurological Surgeons: International Committee
Epilepsy Foundation of Northern California: Board Member
International Conference on Neuroprotective Agents: Co-Director

Publications: Editor, Intraoperative Neuroprotection. Baltimore: Williams & Wilkins, 1996.

Author/co-author of over 30 book chapters.

Author/co-author of over 50 peer-reviewed research articles.

Presenter/co-presenter of over 130 presentations at major national/international scientific meetings.

Patents: "Multimodality Instrument for Tissue Characterization" US Patent #6,109,270 (August 29, 2000)
to NASA on behalf of RW Mah and RJ Andrews.

"Carbon Nanotube-based Nanoelectrode Array for Deep Brain Stimulation" Patent Application
by NASA on behalf of J Li, M Meyyappan, R Andrews, NASA Ames Research Center, March,
2003.

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