

# Curriculum Vitae

Seung Bong HONG, MD, PhD, ABCN



**Birth date: October 24, 1959**

## **Education:**

1977 – 1983	College of Medicine, Seoul National University	M.D.
1985 – 1987	Graduate School, Seoul National University	B.S.
1990 – 1992	Graduate School, Seoul National University	Ph.D.

## **Postgraduate Training:**

1983 – 1984	Seoul National University Hospital	Internship
1984 – 1987	Department of Neurology, Seoul National University Hospital, Seoul, Korea	Residency
1990 – 1992	Fellow in Neurology, Seoul National University Hospital, Seoul, Korea	Fellow
1992 – 1993	Fellow in Neurology, Epilepsy Center, Johns Hopkins Hospital, USA	Clinical Fellow
1993 – 1994	Fellow in Neurology, Section of Clinical Neurophysiology (Epilepsy, Sleep Disorders) Cleveland Clinic Foundation, Ohio, USA	Clinical Fellow

**Current Position:** Professor, Dept. of Neurology  
Director, Epilepsy and Sleep Center  
Samsung Medical Center,  
Sungkyunkwan University School of Medicine  
Seoul, Korea

## **Hospital and Academic Career:**

1987 – 1990	Chief of Neurology Department Capital Armed Force General Hospital, Seoul, Korea
1994 – 1997	Staff in Neurology, Samsung Medical Center
1994 – present	Director, Epilepsy and Sleep Center

Samsung Medical Center  
 1997 – present Clinical Professor in Neurology  
 Seoul National University Hospital  
 1997 – 2001 Associate Professor in Neurology  
 Samsung Medical Center,  
 Sungkyunkwan University School of Medicine  
 2002. 4–present Professor of Neurology  
 Samsung Medical Center,  
 Sungkyunkwan University School of Medicine, Seoul, Korea

**Awards:**

1999. 12: HamChoon Medical Prize (College of Medicine, Seoul National  
 University and Alumni Association )  
 2000. 12: Research P SMC paper Award  
 2001. 2: SBRI Outstanding Research Paper Award  
 2002. 7: Academic award of outstanding research (Korean Epilepsy Society)  
 2004. 2 Beomsok Academic Award  
 2005. 2 SBRI Outstanding Research Paper Award  
 2005. 11 Siemens Academic Award  
 2005. 12 Minister of Health and Welfare Award for outstanding researcher  
 2006. 6 Academic award of outstanding research (Korean Epilepsy Society)  
 2008. 3 Selected as ‘A great doctor in Epilepsy’ by EBS (Educational  
 Broadcasting System) in Korea  
 2008. 12 Highest Impact Factor Research Paper Award (Samsung Medical Center)  
 2011. 7 Choongwae Academic Award (Korean Sleep Research Society)  
 2012. 10 Myung-In Academic Award (Korean Neurological Association)  
 2012. 11 Resmed Academic Award (Korean Society of Sleep Medicine)  
 2012. 12 Minister of Health and Welfare Award  
 2013. 5 Minister of Health and Welfare Award  
 2015. 3 Distinguished Award from World Association of Sleep Medicine  
 2015. 11 Achievement Award (Korean Society of Sleep Medicine)  
 2018. 11 Achievement Award (Korean Society of Sleep Medicine)  
 2019. 11 Songpa Academic Award (Korean Neurological Association)

**Board Certification:**

1983 Korean Medical Board in 1983

1987 Korean Board of Neurology in 1987  
1994 American Board of Clinical Neurophysiology (September 1994)

**License to Practice:**

1983 Korean License of Medical Doctor, Korea  
1992 Permanent ECFMG Certificate  
1992 Temporary Medical License, Maryland, USA  
1993 Temporary Medical License, Ohio, USA

**Professional Organization:**

Treasurer, ILAE-Asia and Oceania; 2017 – present  
President, Korean Neurological Association; March 2020 – present  
President, Korean Association of Epilepsy Centers; July 2020 – present  
President, Asian Society of Sleep Medicine; March 2018 – present  
Chair, Epilepsy Prejudice/Stigma Committee; Sept. 2018 – Aug. 2020  
President, Korean Epilepsy Society: September 2015 – August 2018  
Chair, organizing committee of the 2<sup>nd</sup> Asian Society of Sleep Medicine Congress; March 2018  
Chair, organizing committee of the 6th World Congress on Sleep Medicine; March 2015  
Chair, Scientific Committee, Organization for 2009 World Congress on Sleep Apnea  
Editorial board, Sleep Medicine, 2009 – present

**Clinical drug studies participated**

1996 – 1998 Korean zonisamide study (efficacy comparison with carbamazepine)  
1997 – 2000 Korean topiramate study (double blind, placebo controlled study)  
2001 – 2002 Korean lamotrigine study  
2006 – 2007 International pregabalin study  
2006 – 2007 International carisbamate study (double blind placebo controlled, 3001)  
2007 – 2008 International lamotirine study in generalized epilepsy  
2006 – 2007 International lamotirine study in partial epilepsy  
2007 – present International study for Brivaracetam (recruitment finished)  
2007 - present International study for pregabalin vs. lamotrigine in new onset epilepsy patients (recruitment finished)  
2008 - present International study for pregabalin vs. levetiracetam in intractable partial epilepsy patients (recruitment finished)  
2006 – 2007 Double blind, randomized study of pramipexole in patients with restless

legs syndrome

- 2009 – present International perampanel (double blind placebo controlled) study
- 2009 – present International carisbamate study (3004)
- 2008 – present Six month randomized placebo controlled study for investigating the efficacy and safety of ORG50081 (for insomnia patients)
- 2009 – present International carisbamate-levetiracetam-topirimate comparison study

### **Book Chapters**

1. Physician's manual, 2005, The Korean Association of International Medicine
2. Textbook of Neurology, 2005, Epublickorea
3. All about epilepsy, 2006, Newest Meidicine company
4. Revolution in Sleep, 2006, Daekyobertelsmann
5. Neurology, 2007, Koonja
6. How to overcome sleep disorders, 2005, Mulpure
7. Insomnia and snoring, 2008, Korean Society of Sleep Medicine, Healthchosun
8. HARRISON'S Internal Medicine, Korean Version, 2010
9. The Johns Hopkins Atlas of Digital EEG, 2010
10. Neuroimaging of Sleep And Sleep Disorders, 2013
11. Nuclear medicine (PET/SPECT) in neurology, Springer Verlag, 2014
12. Neuroimaging in Narcolepsy, in press

### **Published Research papers: total 296**

#### **1. International SCI(E)-indexed articles: 150**

- 1) Roh JK, Hong SB, Yoon BW, Kim MS, Myung H. The effect of hyperglycemia on lipid peroxidation in the global cerebral ischemia of the rat. *J Korean Med Sci.* 1992 Mar;7(1):40-6.
- 2) Kim MH, Hong SB, Roh JK. Amnesia syndrome following left anterior thalamic infarction; with intrahemispheric and crossed cerebro-cerebellar diaschisis on brain SPECT. *J Korean Med Sci.* 1994 Oct;9(5):427-31.
- 3) Duk L Na, Dae Won Seo, Seung Bong Hong, John C. Adair, Kenneth M. Heilman. Ipsilateral neglect during intracarotid amobarbital test. *Neurology* 51(1):276-279, 1998.
- 4) Hyang Woon Lee, Seung Bong Hong, Dae Won Seo, Woo Suk Tae, Sang Eun Kim. Partial seizures presented as apnea only in adult. *Epilepsia* 40(12):1828-1831, 1999.

- 5) Dong Kyu Na, Seung Bong Hong, et al. White matter change in mesial temporal sclerosis: correlation of MR imaging with PET, pathology and clinical features. *Epilepsia* 40(11):1634-1641, 1999.
- 6) Jun-Hyun Yoo, Seung Bong Hong. A Common Mutation in the Methylenetetrahydrofolate Reductase Gene is a Determinant of Hyperhomocysteinemia in Epileptic Patients Receiving Anticonvulsants. *Metabolism* 48(8):1047-51, 1999.
- 7) Lee BI, Lee SA, Lee SK, SB Hong, DW Suh, Song HK, et al. Topiramate in Medically Intractable Partial Epilepsies: Double-Blind Placebo-Controlled Randomized Parallel Group Trial. *Epilepsia* 40(12):1767-1774, 1999.
- 8) Hyang Woon Lee, Seung Bong Hong, Woo Suk Tae. Opposite ictal perfusion patterns: Hyperperfusion and Hypoperfusion. *Brain* October 2000, 123: 2150-2159.
- 9) Seung Bong Hong, Kyung Won Kim, Sang Eun Kim, Dong Kyu Na, Hong Sik Byun. Contralateral EEG slowing and amobarbital distribution in Wada test: an intracarotid SPECT study. *Epilepsia* 41(2):207-212, February 2000.
- 10) Hyang Woon Lee, Seung Bong Hong, Dae Won Seo, Woo Suk Tae, Seung Chyul Hong. Mapping of functional organization of human visual cortex: a direct demonstration by cortical stimulation. *Neurology* 54:849-854, 2000.
- 11) Seung Bong Hong, Suk Young Roh, Sang Eun Kim, Dae Won Seo. Correlation of temporal lobe glucose metabolism with the Wada memory test. *Epilepsia*, 41(12):1554-9, 2000
- 12) Seung-Chyul Hong, Kwan-Soo Kang, Dae Won Seo, Seung Bong Hong, et al. Surgical treatment of intractable epilepsy accompanying cortical dysplasia. *J Neurosurg* 93:766-773, 2000.
- 13) Won Chul Shin, Seung Bong Hong, Woo Suk Tae, Dae Won Seo, and Sang Eun Kim. Ictal Hyperperfusion of Cerebellum and Basal Ganglia in Temporal Lobe Epilepsy: SPECT Subtraction with MRI Coregistration. *J Nucl Med* 2001 42: 853-858. This study was supported by Samsung grant SBRI C-A0-004-2.
- 14) Woo Suk Tae, Seung Bong Hong. Boundary of Amygdala and Hippocampus (letter to the editor). *Am J Psychiatry* 158:5:820-821, May 2001.
- 15) Won Chul Shin, Seung Bong Hong, Woo Suk Tae, and S. Eun Kim. Ictal hyperperfusion patterns according to the progression of temporal lobe seizures. *Neurology* 2002 Feb 58: 373-380.
- 16) Seung Bong Hong, Hyun Jeong Han, Suk-Young Roh, Dae Won Seo, Sang Eun Kim, Myoung-Hee Kim. Hypometabolism and interictal spikes during positron emission tomography scanning in temporal lobe epilepsy. *Eur Neurol* 2002 Aug;48:65-70.

- 17) Byung-In Lee, Seung Bong Hong, et al. Low dose and slow titration of topiramate as adjunctive therapy in refractory partial epilepsies: a multicenter open clinical trial. *Seizure* 2002;11:255-260.
- 18) Dae-Won Seo, Han Seung Lee, Seung Bong Hong, Seung Chyul Hong and Eun Kung Lee. Pilomotor Seizure in frontal lobe epilepsy: case report. *Seizure* 2003 Jun;12:241-244.
- 19) Ki CS, Kong SY, Seo DW, Hong SB, Kim HJ, Kim JW. Two novel mutations in the EPM2A gene in a Korean patient with Lafora's progressive myoclonus epilepsy. *J Hum Genet* 48:51-54, 2003 (short communication)
- 20) DW Seo, MS Park, SB Hong, SC Hong, YL Suh. Combined Temporal and Frontal Epileptogenic Foci in Meningoangiomas. *Eur Neurol* 2003 March ;49(3):184-186.
- 21) Dae Won Seo, Dong Kyu Na, Duk L Na, So Young Moon, Seung Bong Hong. Subcortical hypointensity in partial status epilepticus associated with nonketotic hyperglycemia. *J Neuroimaging* 2003 Jul;13(3):259-263.
- 22) JoonYoung Choi, Sun Jung Kim, Seung Bong Hong, Dae Won Seo, Seung Chyul Hong, Byung Tae Kim, Sang Eun Kim. Extratemporal hypometabolism in FDG PET in temporal lobe epilepsy as a predictor of seizure outcome after temporal lobectomy. *Eur J Nucl Med Mol Imaging* 2003 Apr;30(4):581-687.
- 23) Dae Won Seo, Seung Bong Hong. Epileptogenic Foci on subdural Recording in Intractable Epilepsy Patients with Temporal Dysembryoplastic neuroepithelial Tumor. *J Korean Med Sci* 2003 Aug;18(4):559-659.
- 24) Jeong Y, Chin J, Tae WS, Hong SB, Kim SE, Suh YL, Na DL. Serial positron emission tomography findings in a patient with hydrocephalic dementia and Alzheimer's disease. *J Neuroimaging*. 2004 Apr;14(2):170-5.
- 25) Eun Yeon Joo, Seung Bong Hong, Eun Kyung Lee, Woo Suk Tae, Jee Hyun Kim, Dae Won Seo, Seung Chyul Hong, Seunghwan Kim, Myoung-Hee Kim. Regional Cerebral Hyperperfusion with Ictal Dystonic Posturing: Ictal-Interictal SPECT Subtraction. *Epilepsia* 2004 45(6):686-689.
- 26) Eun Yeon Joo, Eun Kyung Lee, Woo Suk Tae, Seung Bong Hong. Unitemporal vs Bitemporal Hypometabolism in Mesial Temporal Lobe Epilepsy. *Arch Neurol*. 2004;61:1074-1078.
- 27) Eun Yeon Joo, Woo Suk Tae, Jee Hyun Kim, Byung Tae Kim, Seung Bong Hong. Glucose hypometabolism of hypothalamus and thalamus in narcolepsy. *Ann Neurol*. 2004 ;56(3):437-440.
- 28) Eun Yeon Joo, Jee Hyun Kim, Woo Suk Tae, Sun Jung Han, Seunghwan Kim, Myoung-Hee Kim, Hong Sik Byun, Seung Bong Hong. Simple Partial Status Epilepticus

Localized by Single-Photon Emission Computed Tomography Subtraction in Chronic Cerebral Paragonimiasis. *J Neuroimaging* 2004;14:365-368

29) WS Tae, EY Joo, JH Kim, SJ Han, YL Suh, BT Kim, SC Hong, SB Hong. Cerebral perfusion changes in mesial temporal lobe epilepsy: SPM analysis of ictal and interictal SPECT.

*Neuroimage* 2005;24:101-110.

30) Yoo-Joo Choi, Min-Jeong Kim, Ji-Young Park, Joo-Young Park, Hyun-Joo Yun, Seung Bong-Hong, Myoung-Hee Kim. Surface Curvature-based MR-PET Image Registration and Hybrid Hippocampus Modeling. *Key Engineering Materials* Vols.277-279 (2005) pp.212-218.

31) Eun Yeon Joo, Seung Bong Hong, Hyun Jung Han, Woo Suk Tae, Jee Hyun Kim, Sun Jung Han, Dae Won Seo, Kyung-Han Lee, Seung-Chyul Hong, Munhyang Lee, Seunghwan Kim and Byung Tae Kim. Postoperative alteration of cerebral glucose metabolism in mesial temporal lobe epilepsy. *Brain* 2005;128:1802-1810.

32) Eun Yeon Joo, Seung Bong Hong, Woo Suk Tae, Jee Hyun Kim, Sun Jung Han, Dae Won Seo, Kyung-Han Lee, Myoung-Hee Kim, Seunghwan Kim, Mann Hyung Lee, Byung Tae Kim. Perfusion abnormality of the caudate nucleus in patients with paroxysmal kinesigenic choreoathetosis. *Eur J Nucl Med Mol Imaging*(2005. 9) 32:1205-1209.

33) Takahashi A, Hong SC, Seo DW, Hong SB, Lee M, Suh Y. Frequent association of cortical dysplasia in dysembryoplastic neuroepithelial tumor treated by epilepsy surgery. *Surg Neurol.* 2005 Nov;64(5):419-27.

34) Joo EY, Hong SB, Tae WS, Kim JH, Han SJ, Cho YW, Yoon CH, Lee SI, Lee MH, Lee KH, Kim MH, Kim BT, Kim L. Cerebral perfusion abnormality in narcolepsy with cataplexy. *Neuroimage.* 2005 Nov 1;28(2):410-6.

35) Joo EY, Han HJ, Lee EK, Choi S, Jin JH, Kim JH, Tae WS, Seo DW, Hong SC, Lee M, Hong SB. Resection extent versus postoperative outcomes of seizure and memory in mesial temporal lobe epilepsy. *Seizure.* 2005 Dec;14(8):541-51.

36) Chey J, Na DG, Tae WS, Ryoo JW, Hong SB. Medial temporal lobe volume of nondemented elderly individuals with poor cognitive functions. *Neurobiol Aging.* 2006 Sep;27(9):1269-79.

37) Joo EY, Hong SB, Tae WS, Han SJ, Seo DW, Lee KH, Lee MH. Effect of lamotrigine on cerebral blood flow in patients with idiopathic generalised epilepsy. *Eur J Nucl Med Mol Imaging.* 2006 Jun;33(6):724-9.

38) Hong SB, Tae WS, Joo EY. Cerebral perfusion changes during cataplexy in narcolepsy patients. *Neurology.* 2006 Jun 13;66(11):1747-9.

- 39) Hong SB, Joo EY, Tae WS, Lee J, Han SJ, Lee HW. Episodic diencephalic hypoperfusion in Kleine-Levin syndrome. *Sleep*. 2006 Aug 1;29(8):1091-3.
- 40) Joo EY, Tae WS, Hong SB. Regional effects of lamotrigine on cerebral glucose metabolism in idiopathic generalized epilepsy. *Arch Neurol*. 2006 Sep;63(9):1282-6.
- 41) Tae WS, Hong SB, Joo EY, Han SJ, Cho JW, Seo DW, Lee JM, Kim IY, Byun HS, Kim SI. Structural brain abnormalities in juvenile myoclonic epilepsy patients: volumetry and voxel-based morphometry. *Korean J Radiol*. 2006 Jul-Sep;7(3):162-72
- 42) Moon HS, Chung CS, Hong SB, Kim YB, Chung PW. A case of symptomatic hypnic headache syndrome. *Cephalalgia*. 2006 Jan;26(1):81-3.
- 43) Hee-Young Shin, Seung Bong Hong, Eun Yeon Joo, Woo Suk Tae, Sun Jung Han, Jae Wook Cho, Dae Won Seo, Sun Hyung Kim, Jong-Min Lee, Sun I Kim. Gelastic seizures involving the right parietal lobe. *Epileptic Disord* 2006; 8 (3): 209-12.
- 44) Kwon KH, Lee JI, Hong SC, Seo DW, Seung Bong Hong. Gamma knife radiosurgery for epilepsy related to dysembryoplastic neuroepithelial tumor. *Stereotact Funct Neurosurg*. 2006;84(5-6):243-7.
- 45) Jung YJ, Hong SC, Seo DW, Seung Bong Hong. Surgical resection of cavernous angiomas located in eloquent areas--clinical research. *Acta Neurochir Suppl*. 2006;99:103-8.
- 46) Joo EY, Han SJ, Chung SH, Cho JW, Seo DW, Hong SB. Antiepileptic effects of low-frequency repetitive transcranial magnetic stimulation by different stimulation durations and locations. *Clin Neurophysiol*. 2007 Mar;118(3):702-8.
- 47) Kim JH, Chung PW, Oh S, Seung Bong Hong, Chung CS, Jung CW, Kim ST, Hong SD, Seo DW. Ramsay Hunt syndrome complicated by a brainstem lesion. *J Clin Virol*. 2007 Aug;39(4):322-5.
- 48) Tae WS, Joo EY, Han SJ, Lee KH, Seung Bong Hong. CBF changes in drug naive juvenile myoclonic epilepsy patients. *J Neurol*. 2007 Aug;254(8):1073-80.
- 49) Kim SJ, Lee WY, Kim BJ, Kim JY, Seung Bong Hong, Tae WS, Seo DW. Isolated tongue tremor after removal of cerebellar pilocytic astrocytoma: Functional analysis with SPECT study. *Mov Disord*. 2007 Sep 15;22(12):1825-8.
- 50) Kim JH, Joo EY, Han SJ, Cho JW, Lee JH, Seo DW, Seung Bong Hong. Can pentobarbital replace amobarbital in the Wada test? *Epilepsy Behav*. 2007 Nov;11(3):378-83.
- 51) Joo EY, Tae WS, Han SJ, Cho JW, Seung Bong Hong. Reduced cerebral blood flow during wakefulness in obstructive sleep apnea-hypopnea syndrome. *Sleep*. 2007 Nov 1;30(11):1515-20.



- 52) Cho JW, Seo DW, Joo EY, Tae WS, Lee J, Seung Bong Hong.. Neural correlates of musicogenic epilepsy: SISCOM and FDG-PET. *Epilepsy Res.* 2007 Dec;77(2-3):169-73.
- 53) Joo EY, Tae W, Hong SB. Cerebral blood flow abnormality in patients with idiopathic generalized epilepsy. *J Neurol.* 2008 Apr;255(4):520-5.
- 54) Cho YW, Shin WC, Yun CH, Seung Bong Hong, Kim JH, Allen RP, Earley CJ. Epidemiology of restless legs syndrome in Korean adults. *Sleep.* 2008 Feb 1;31(2):219-23.
- 55) Joo EY, Tae WS, Jung KY, Seung Bong Hong. Cerebral blood flow changes in man by wake-promoting drug, modafinil: a randomized double blind study. *J Sleep Res.* 2008 Mar;17(1):82-8.
- 56) Joo EY, Kim SH, Seo DW, Hong SB. Zonisamide decreases cortical excitability in patients with idiopathic generalized epilepsy. *Clin Neurophysiol.* 2008 Jun; 119(6) :1385-92.
- 57) Eun Yeon Joo, Woo Suk Tae, Seung Bong Hong. Effect of Modafinil on Cerebral Blood Flow in Narcolepsy Patients. *Sleep.* 2008 Jun 1;31(6):868-73.
- 58) Tae WS, Kim SH, Joo EY, Han SJ, Kim IY, Kim SI, Lee JM, Hong SB. Cortical thickness abnormality in juvenile myoclonic epilepsy. *J Neurol.* 2008 Apr;255(4):561-6. Epub 2008 Jan 31.
- 59) Hong SB, Joo EY, Tae WS, Cho JW, Lee JH, Seo DW, Suh YL, Hong SC. Preictal versus ictal injection of radiotracer for SPECT study in partial epilepsy: SISCOM. *Seizure.* 2008 Jun;17(4):383-6.
- 60) Kim BJ, Hong SB, Seo DW. Differences in ictal hyperperfusion of limbic-related structures between mesial temporal and neocortical epilepsy. *Epilepsy Res.* 2008 Oct;81(2-3):167-75.
- 61) Lee BI, Yi S, Hong SB, Kim MK, Lee SA, Lee SK, Shin DJ, Kim JM, Song HK, Heo K, Lowe W, Leon T. Pregabalin add-on therapy using a flexible, optimized dose schedule in refractory partial epilepsies: A double-blind, randomized, placebo-controlled, multicenter trial. *Epilepsia.* 2009 Mar;50(3):464-74.
- 62) Cho YW, Shin WC, Yun CH, Hong SB, Kim J, Earley CJ. Epidemiology of Insomnia in Korean Adults: Prevalence and Associated Factors. *J Clin Neurol.* 2009 Mar;5(1):20-3.
- 63) Jeehun Lee, Bo Lyun Lee, Eun Yeon Joo, Dae Won Seo, Seung Bong Hong, Seung-Chyul Hong, Yeon-Lim Suh, Munhyang Lee. Dysembryoplastic neuroepithelial tumors in pediatric patients. *Brain & Development* 2009 Oct;31(9):671-81.
- 64) Je Young Yeon, Jong-Soo Kim, Su Jung Choi, Dae-Won Seo, Seung Bong Hong, Seung-Chyul Hong. Supratentorial cavernous angiomas presenting with seizures: Surgical outcomes in 60 consecutive patients. *Seizure* 18 (2009) 14-20.

- 65) Tae WS, Joo EY, Kim ST, Hong SB. Gray, white matter concentration changes and their correlation with heterotopic neurons in temporal lobe epilepsy. *Korean J Radiol.* 2010 Jan-Feb;11(1):25-36.
- 66) Joo EY, Tae WS, Kim ST, Hong SB. Gray matter concentration abnormality in brains of narcolepsy patients. *Korean J Radiol.* 2009 Nov-Dec;10(6):552-8.
- 67) Joo EY, Tae WS, Lee MJ, Kang JW, Park HS, Lee JY, Suh M, Hong SB. Reduced brain gray matter concentration in patients with obstructive sleep apnea syndrome. *Sleep.* 2010 Feb 1;33(2):235-41.
- 67) Cho JW, Hong SB, Lee JH, Kang JW, Lee MJ, Lee JY, Park HS, Suh M, Joo EY, Seo DW. Contralateral hyperperfusion and ipsilateral hypoperfusion by ictal SPECT in patients with mesial temporal lobe epilepsy. *Epilepsy Res.* 2010 Feb;88(2-3):247-54.
- 68) Joo EY, Hong SB, Sohn YB, Kwak MJ, Kim SJ, Choi YO, Kim SW, Paik KH, Jin DK. Plasma adiponectin level and sleep structures in children with Prader-Willi syndrome. *J Sleep Res.* 2010 Mar;19(1 Pt 2):248-54. Epub 2009 Nov 11.
- 69) Jung KY, Cho JW, Joo EY, Kim SH, Choi KM, Chin J, Park KW, Hong SB. Cognitive effects of topiramate revealed by standardised low-resolution brain electromagnetic tomography (sLORETA) of event-related potentials. *Clin Neurophysiol.* 2010 Sep;121(9): 1494-501
- 70) Kim GH, Lee HW, Park H, Lee SK, Lee SA, Kim YI, Song HK, Shin DJ, Hong SB. Seizure exacerbation and hormonal cycles in women with epilepsy. *Epilepsy Res.* 2010 Aug;90(3):214-20. Epub 2010 Jun 9.
- 71) Joo EY, Kim HJ, Lim YH, Koo DL, Hong SB. Altered cortical excitability in patients with untreated obstructive sleep apnea syndrome. *Sleep Med.* 2010 Oct;11(9):857-61.
- 72) Joo EY, Kim HJ, Lim YH, Koo DL, Ji KH, Hong SB. The effect of modafinil on cortical excitability in patients with narcolepsy: A randomized, placebo-controlled, crossover study. *Sleep Med.* 2010 Oct;11(9):862-9.
- 73) Joo EY, Hong SB, Lee M, Tae WS, Lee J, Han SW, Ji KH, Suh M. Cerebral blood flow abnormalities in patients with neurally mediated syncope. *J Neurol.* 2011 Mar;258(3):366-72
- 74) Joo EY, Han SJ, Suh MA, Hong SB. Suppression of motor evoked potential during cataplexy. *Sleep Med.* 2011 Mar;12(3):306-7.
- 75) Joo EY, Jee KH, Hong SB. Zonisamide Changes Unilateral Cortical Excitability In Focal Epilepsy Patients. *J Clin Neurol* 2010 Dec;6(4):189-95.

- 76) Jae-Hyun Cho, Seung Bong Hong, Young-Jin Jung, Hoon-Chul Kang, Heung Dong Kim, Minah Suh, Ki-Young Jung, Chang-Hwan Im. Evaluation of Algorithms for Intracranial EEG (iEEG) Source Imaging of Extended Sources: Feasibility of Using iEEG Source Imaging for Localizing Epileptogenic Zones in Secondary Generalized Epilepsy. *Brain Topogr* (2011) 24:91–104
- 77) Ji-Hye Park, Seung Bong Hong, Do-Won Kim, Minah Suh, Chang-Hwan Im. A Novel Array-Type Transcranial Direct Current Stimulation (tDCS) System for Accurate Focusing on Targeted Brain Areas. *IEEE TRANSACTIONS ON MAGNETICS*, VOL. 47, NO. 5, p882-885, May 2011
- 78) Joo EY, Jeon S, Lee M, Kim ST, Yoon U, Koo DL, Lee JM, Hong SB. Analysis of cortical thickness in narcolepsy patients with cataplexy. *Sleep*. 2011 Oct 1;34(10):1357-64.
- 79) Pasquale Montagna, Magdolna Hornyak, Jan Ulfberg, Seung Bong Hong, Juergen Koester, Giovanna Crespi, Stefan Albrecht. Randomized trial of pramipexole for patients with restless legs syndrome (RLS) and RLS-related impairment of mood. *Sleep Medicine* 12 (2011) 34–40
- 80) Lee JY, Joo EY, Park HS, Song P, Young Byun S, Seo DW, **Hong SB**. Repeated ictal SPECT in partial epilepsy patients: SISCOM analysis. *Epilepsia* 2011 Dec;52(12):2249-56.
- 81) Effect of levetiracetam monotherapy on background EEG activity and cognition in drug-naïve epilepsy patients. Cho JR, Koo DL, Joo EY, Yoon SM, Ju E, Lee J, Kim DY, **Hong SB**. *Clin Neurophysiol*. 2012 May;123(5):883-91.
- 82) Clinical utility of interictal high-frequency oscillations recorded with subdural macroelectrodes in partial epilepsy. Cho JR, Joo EY, Koo DL, Hong SC, Hong SB. *J Clin Neurol*. 2012 Mar;8(1):22-34.
- 83) Hippocampal volume and memory in narcoleptics with cataplexy. Joo EY, Kim SH, Kim ST, Hong SB. *Sleep Med*. 2012 Apr;13(4):396-401.
- 84) Noh HJ, Joo EY, Kim ST, Yoon SM, Koo DL, Kim D, Lee GH, Hong SB. The Relationship between Hippocampal Volume and Cognition in Patients with Chronic Primary Insomnia. *J Clin Neurol*. 2012 Jun;8(2):130-8.
- 85) Joo EY, Yoon CW, Koo DL, Kim D, Hong SB. Adverse effects of 24 hours of sleep deprivation on cognition and stress hormones. *J Clin Neurol*. 2012 Jun;8(2):146-50
- 86) Koo DL, Hong SB, Joo EY. Acoustic characteristic of catathrenia and snoring: Different subtypes of catathrenia. *Sleep Med*. 2012 Aug;13(7):961-4.
- 87) Heo C, Yoo J, Lee SY, Lee S, Joo EY, Hong SB, Lee YH, Suh M. Enhanced mobility of neural cells with a transparent electric field stimulator. *J Nanosci Nanotechnol*. 2012 Jul;12(7):5222-7.

- 88) Koo DL, Joo EY, Kim D, Hong SB. Effects of levetiracetam as a monotherapy on bone mineral density and biochemical markers of bone metabolism in patients with epilepsy. *Epilepsy Res.* 2013 Mar;104(1-2):134-9
- 89) Cho YW, Hong SB, Kim do H, Lee HW, Joo EY, Kim JH, Shin WC, Park KH, Han SJ, Lee HW. The effect of ropinirole on the quality of life in patients with restless legs syndrome in Korea: an 8-week, multicenter, prospective study. *J Clin Neurol.* 2013 Jan;9(1):51-6.
- 90) Huh HJ, Joo EY, Hong SB, Ahn JH, Seo DW, Lee SY. Factors influencing serum topiramate concentrations in routine therapeutic drug monitoring in Korean adult patients with epilepsy. *Ther Drug Monit.* 2013 Apr;35(2):177-82.
- 91) Chong SC, Jo S, Park KM, Joo EY, Lee MJ, Hong SC, Hong SB. Interaction between the electrical stimulation of a face-selective area and the perception of face stimuli. *Neuroimage.* 2013 Aug 15;77:70-6
- 92) Lee M, Kim SE, Kim WS, Han J, Kim HJ, Kim BS, Kim JY, Hong SB, Kim BG, Lee HW. Cortico-cortical modulation induced by 1-Hz repetitive transcranial magnetic stimulation of the temporal cortex. *J Clin Neurol.* 2013 Apr;9(2):75-82.
- 93) Yoon SM, Joo EY, Kim JY, Hwang KJ, Hong SB. Is High IQ Protective Against Cognitive Dysfunction in Narcoleptic Patients? *J Clin Neurol.* 2013 Apr;9(2):118-24.
- 94) Joo EY, Noh HJ, Kim JS, Koo DL, Kim D, Hwang KJ, Kim JY, Kim ST, Kim MR, Hong SB. Brain Gray Matter Deficits in Patients with Chronic Primary Insomnia. *Sleep.* 2013 Jul 1;36(7):999-1007.
- 95) Koo DL, Hwang KJ, Kim D, Kim YJ, Kim JY, Shin W, Kim MR, Joo EY, Lee JM, Hong SB. Effects of levetiracetam monotherapy on the cognitive function of epilepsy patients. *Eur Neurol.* 2013;70(1-2):88-94.
- 96) Joo EY, Jeon S, Kim ST, Lee JM, Hong SB. Localized cortical thinning in patients with obstructive sleep apnea syndrome. *Sleep.* 2013 Aug 1;36(8):1153-62.
- 97) Lee M, Kim SE, Kim WS, Han J, Kim HJ, Kim BS, Kim JY, Hong SB, Kim BG, Lee HW. Erratum: Cortico-Cortical Modulation Induced by 1-Hz rTMS of the Temporal Cortex. *J Clin Neurol.* 2013 Jul;9(3):199.
- 98) Kim SE, Kim WS, Kim BG, Chung D, Jeong J, Lee JS, Tae WS, Hong SB, Lee HW. Spatiotemporal dynamics and functional correlates of evoked neural oscillations with different spectral powers in human visual cortex. *Clin Neurophysiol.* 2013 Jun 8. [Epub ahead of print]
- 99) Koo DL, Hwang KJ, Han SW, Kim JY, Joo EY, Shin WC, Lee HW, Seo DW, Hong SB.

Effect of oxcarbazepine on bone mineral density and biochemical markers of bone metabolism in patients with epilepsy. *Epilepsy Res.* 2013 Oct 1. [Epub ahead of print]

100) Hamer HM, Hong SB. Is an epilepsy presurgical evaluation necessary for mid-grade and high-grade brain tumors presenting with seizures? *Epilepsia.* 2013 Dec;54 Suppl 9:56-60

101) Cho JR, Joo EY, Koo DL, Hong SB. Let there be no light: the effect of bedside light on sleep quality and background electroencephalographic rhythms. *Sleep Med.* 2013 Dec;14(12):1422-5.

102) Joo EY, Noh HJ, Kim JS, Koo DL, Kim D, Hwang KJ, Kim JY, Kim ST, Kim MR, Hong SB. Brain Gray Matter Deficits in Patients with Chronic Primary Insomnia. *Sleep.* 2013 Jul 1;36(7):999-1007.

103) Seung Bong Hong. *Sleep Disorders Medicine.* J Korean Med Assoc 2013 May;56(5):410-422.

104) Schwartz TH, Hong SB, Bagshaw AP, Chauvel P, Benar CG. Preictal changes in cerebral hemodynamics: review of findings and insights from intracerebral EEG. *Epilepsy Res* 2011 Dec;97(3):252-66.

105) Sung Min Kim, Jin-Young Song, Chany Lee, Hyang Woon Lee, Ji Young Kim, Seung Bong Hong, Ki-Young Jung. Effect of Oxcarbazepine on Background EEG Activity and Cognition in Epilepsy. *J Epilepsy Res* 2013;3:7-15

106) Eun Yeon Joo, Hosung Kim, Sooyeon Suh, Seung Bong Hong. Hippocampal Substructural Vulnerability to Sleep Disturbance and Cognitive Impairment in Patients with Chronic Primary Insomnia: Magnetic Resonance Imaging Morphometry. *Sleep* 2014;37:1189-1198

107) Daeyoung Kim, Ji-Hye Seo, Eun Yeon Joo, Hyang Woon Lee, Won Chul Shin, Seung Bong Hong. Cognitive and Psychosocial Effects of Oxcarbazepine Monotherapy in Newly Diagnosed Partial Epilepsy. *Clin Neuropharm* 2014;37:100-107

108) Hans Luders, Shahram Amina, Christopher Bailey, Christoph Baumgartner, Selim Benbadis, Adriana Bermeo, Maria Carreno, Michael Devereaux, Beate Diehl, Matthew Eccher, Jonathan Edwards, Philip Fastenau, Guadalupe Fernandez Baca-Vaca, Jaime Godoy, Hajo Hamer, Seung Bong Hong, Akio Ikeda, Philippe Kahane, Kitti Kaiboriboon, Giridhar Kalamangalam, David Lardizabal, Samden Lhatoo, Jurgen Luders, Jayanti Mani, Carlos Mayor, Tomas Mesa Latorre, Jonathan Miller, Harold H. Morris, Soheyl Noachtar, Cormac O'Donovan, Jun Park, Maria Angeles Perez-Jimenez, Sabine Rona, Felix Rosenow, Asim Shahid, Stephan Schuele, Christopher Skidmore, Bernhard Steinhoff, Charles A Szabo, Jennifer Sweet, Nitin Tandon, Adriana Tanner, and Sadatoshi Tsuji. Proposal:

Different types of alteration and loss of consciousness in epilepsy. *Epilepsia* 55(8):1140-1144, 2014

109) Kim SM, Song JY, Lee C, Lee HW, Kim JY, Hong SB, Jung KY. Effect of oxcarbazepine on background EEG activity and cognition in epilepsy. *J Epilepsy Res.* 2013 Jun 30;3(1):7-15.

110) Choi SJ, Hong SC, Seo DW, Joo EY, Cho JR, Hwang KJ, Kim JY, Hong SB. Long-Term Outcome of Vagus Nerve Stimulation for Refractory Epilepsy: A Longitudinal 4 year Follow-up Study in Korea. *J Epilepsy Res.* 2013 Jun 30;3(1):16-20.

111) Kim J, Shin HK, Hwang KJ, Choi SJ, Joo EY, Hong SB, Hong SC, Seo DW. Mirror focus in a patient with intractable occipital lobe epilepsy. *J Epilepsy Res.* 2014 Jun 30;4(1):34-7

112) Song JS, Kang ES, Joo EY, Hong SB, Seo DW, Lee SY. Absence of HLA-B\*1502 and HLA-A\*3101 alleles in 9 Korean patients with antiepileptic drug-induced skin rash: a preliminary study. *Ann Lab Med.* 2014 Sep;34(5):372-5.

113) Kim HJ, Kim TE, Joo EY, Seo DW, Lee SY, Hong SB. Effect of comedication on lamotrigine clearance in Korean epilepsy patients. *Clin Chim Acta.* 2015 Jan 1;438:269-73.

114) Cho JR, Koo DL, Joo EY, Seo DW, Hong SC, Jiruska P, Hong SB. Resection of individually identified high-rate high-frequency oscillations region is associated with favorable outcome in neocortical epilepsy. *Epilepsia.* 2014 Nov;55(11):1872-83.

115) Sperling MR, Abou-Khalil B, Harvey J, Rogin JB, Biraben A, Galimberti CA, Kowacs PA, Hong SB, Cheng H, Blum D, Nunes T, Soares-da-Silva P; 304 Study Team. Eslicarbazepine acetate as adjunctive therapy in patients with uncontrolled partial-onset seizures: Results of a phase III, double-blind, randomized, placebo-controlled trial. *Epilepsia.* 2015 Feb;56(2):244-53.

116) Cho EB, Joo EY, Seo DW, Hong SC, Hong SB. Prognostic Role of Functional Neuroimaging after Multilobar Resection in Patients with Localization-Related Epilepsy. *PLoS One.* 2015 Aug 25;10(8):e0136565. doi: 10.1371/journal.pone.0136565. eCollection 2015.

117) Joo EY, Seo DW, Hong SC, Hong SB. Functional neuroimaging findings in patients with lateral and mesio-lateral temporal lobe epilepsy; FDG-PET and ictal SPECT studies. *J Neurol.* 2015 May;262(5):1120-9.

118) Kim J, Jung DS, Hwang KJ, Seo JH, Na GY, Hong SB, Joo EY, Seo DW. Can an exercise bicycle be safely used in the epilepsy monitoring unit?: An exercise method to provoke epileptic seizures and the related safety issues. *Epilepsy Behav.* 2015 May;46:79-83.

- 119) Choi SJ, Joo EY, Lee YJ, Hong SB. Suicidal ideation and insomnia symptoms in subjects with obstructive sleep apnea syndrome. *Sleep Med.* 2015 Sep;16(9):1146-50
- 120) Park CJ, Seo JH, Kim D, Abibullaev B, Kwon H, Lee YH, Kim MY, An KM, Kim K, Kim JS, Joo EY, Hong SB. EEG Source Imaging in Partial Epilepsy in Comparison with Presurgical Evaluation and Magnetoencephalography. *J Clin Neurol.* 2015 Oct;11(4):319-30.
- 121) Lee SA, Lee BI; Korean QoL in Epilepsy Study Group. Association of knowledge about epilepsy with mood and self-efficacy in Korean people with epilepsy. *Epilepsy Behav.* 2015 Nov;52(Pt A):149-53
- 122) Kim H, Suh S, Joo EY, Hong SB. Morphological alterations in amygdalo-hippocampal substructures in narcolepsy patients with cataplexy. *Brain Imaging Behav.* 2015 Oct 7. [Epub ahead of print]
- 123) Choi SJ, Joo EY, Hong SB. Sleep-wake pattern, chronotype and seizures in patients with epilepsy. *Epilepsy Res.* 2016 Feb;120:19-24.
- 124) Park YK, Kwon OH, Joo EY, Kim JH, Lee JM, Kim ST, Hong SB. White Matter Alterations in Narcolepsy Patients with Cataplexy: Tract-based Spatial Statistics. *J Sleep Res.* 2016; 25:181-189.
- 125) Kim JS, Koo DL, Joo EY, Kim ST, Seo DW, Hong SB. Asymmetric Gray Matter Volume Changes Associated with Epilepsy Duration and Seizure Frequency in Temporal-Lobe-Epilepsy Patients with Favorable Surgical Outcome. *J Clin Neurol.* 2016 Jul;12(3):323-31.
- 126) Seo JH, Joo EY, Seo DW, Hong SB. Correlation between headaches and affective symptoms in patients with epilepsy. *Epilepsy Behav.* 2016 Jul;60:204-8.
- 127) Koo DL, Lee JY, Joo EY, Hong SB, Nam H. Acoustic Characteristics of Stridor in Multiple System Atrophy. *PLoS One.* 2016 Apr 19;11(4):e0153935. doi: 10.1371/journal.pone.0153935. eCollection 2016.
- 128) Kim H, Joo E, Suh S, Kim JH, Kim ST, Hong SB. Effects of long-term treatment on brain volume in patients with obstructive sleep apnea syndrome. *Hum Brain Mapp.* 2016 Jan;37(1):395-409.
- 129) Lee JH, Joo EY, Seo DW, Hong SB. Lateralizing Cortical Excitability in Drug Naïve Patients with Generalized or Focal Epilepsy. *J Epilepsy Res.* 2015 Dec 31;5(2):75-83. doi: 10.14581/jer.15013. eCollection 2015 Dec.
- 130) Kim D, Joo EY, Seo DW, Kim MY, Lee YH, Kwon HC, Kim JM, Hong SB. Accuracy of MEG in localizing irritative zone and seizure onset zone: Quantitative comparison between MEG and intracranial EEG. *Epilepsy Res.* 2016 Nov;127:291-301. doi: 10.1016/j.epilepsyres.2016.08.013. Epub 2016 Aug 16.

- 131) Seo JH, Kim JH, Yang KI, Hong SB. Late use of electronic media and its association with sleep, depression, and suicidality among Korean adolescents. *Sleep Med.* 2017 Jan;29:76-80. doi: 10.1016/j.sleep.2016.06.022. Epub 2016 Aug 23.
- 132) Kim JS, Seo JH, Kang MR, Seong MJ, Lee WG, Joo EY, Hong SB. Effect of continuous positive airway pressure on regional cerebral blood flow in patients with severe obstructive sleep apnea syndrome. *Sleep Med.* 2017 Apr;32:122-128. doi: 10.1016/j.sleep.2016.03.010. Epub 2016 May 12.
- 133) Kim JH, Lee SK, Loesch C, Namgoong K, Lee HW, Hong SB; Korean N01367 Study Group. Comparison of levetiracetam and oxcarbazepine monotherapy among Korean patients with newly diagnosed focal epilepsy: A long-term, randomized, open-label trial. *Epilepsia.* 2017 Apr;58(4):e70-e74. doi: 10.1111/epi.13707.
- 134) Elger CE, Hong SB, Brandt C, Mancione L, Han J, Strohmaier C. BGG492 as an adjunctive treatment in patients with partial-onset seizures: A 12-week, randomized, double-blind, placebo-controlled, phase II dose-titration study with an open-label extension. *Epilepsia.* 2017 Jul;58(7):1217-1226. doi: 10.1111/epi.13771. Epub 2017 May 13.
- 135) Yang KI, Kim JH, Hwangbo Y, Koo DL, Kim D, Hwang KJ, Hong SB. Prevalence of Self-Perceived Snoring and Apnea and Their Association with Daytime Sleepiness in Korean High School Students. *J Clin Neurol.* 2017 Jul;13(3):265-272. doi: 10.3988/jcn.2017.13.3.265.
- 136) Hong SB. Neuroimaging of Narcolepsy and Kleine-Levin Syndrome. *Sleep Med Clin.* 2017 Sep;12(3):359-368. doi: 10.1016/j.jsmc.2017.03.021. Epub 2017 Jun 13. Review.
- 137) Kim SH, Lim SC, Yang DW, Cho JH, Son BC, Kim J, Hong SB, Shon YM. Thalamo-cortical network underlying deep brain stimulation of centromedian thalamic nuclei in intractable epilepsy: a multimodal imaging analysis. *Neuropsychiatr Dis Treat.* 2017 Oct 17;13:2607-2619. doi: 10.2147/NDT.S148617. eCollection 2017.
- 138) Kudlacek J, Chvojka J, Posusta A, Kovacova L, Hong SB, Weiss S, Volna K, Marusic P, Otahal J, Jiruska P. Lacosamide and Levetiracetam Have No Effect on Sharp-Wave Ripple Rate. *Front Neurol.* 2017 Dec 21;8:687. doi: 10.3389/fneur.2017.00687. eCollection 2017.
- 139) Park HR, Seong MJ, Shon YM, Joo EY, Seo DW, Hong SB. SPECT perfusion changes during ictal automatisms with preserved responsiveness in patients with right temporal lobe epilepsy. *Epilepsy Behav.* 2018 Mar;80:11-14. doi: 10.1016/j.yebeh.2017.12.030. Epub 2018 Jan 20. Erratum in: *Epilepsy Behav.* 2018 Nov;88:400.



- 140) Hwang KJ, Joo EY, Hong SB, Seo DW. Hematoma-Related Nonhabitual Seizures during Subdural Electrode Monitoring. *J Clin Neurol*. 2018 Jul;14(3):415-416. doi: 10.3988/jcn.2018.14.3.415. Epub 2018 May 31.
- 141) Shin JH, Joo EY, Seo DW, Shon YM, Hong SB, Hong SC. Prognostic factors determining poor postsurgical outcomes of mesial temporal lobe epilepsy. *PLoS One*. 2018 Oct 19;13(10):e0206095. doi: 10.1371/journal.pone.0206095. eCollection 2018.
- 142) Mun JK, Choi SJ, Kang MR, Hong SB, Joo EY. Sleep and libido in men with obstructive sleep apnea syndrome. *Sleep Med*. 2018 Dec;52:158-162. doi: 10.1016/j.sleep.2018.07.016. Epub 2018 Sep 20.
- 143) Jeon S, Cho JW, Kim H, Evans AC, Hong SB, Joo EY. A five-year longitudinal study reveals progressive cortical thinning in narcolepsy and faster cortical thinning in relation to early-onset. *Brain Imaging Behav*. 2018 Nov 3. doi: 10.1007/s11682-018-9981-2. [Epub ahead of print]
- 144) Tsai JJ, Ikeda A, Hong SB, Likasitwattanakul S, Dash A. Efficacy, safety, and tolerability of perampanel in Asian and non-Asian patients with epilepsy. *Epilepsia*. 2019 Mar;60 Suppl 1:37-46. doi: 10.1111/epi.14642
- 145) Park HR, Choi SJ, Joo EY, Seo DW, Hong SB, Lee JI, Hong SC, Lee S, Shon YM. The Role of Anterior Thalamic Deep Brain Stimulation as an Alternative Therapy in Patients with Previously Failed Vagus Nerve Stimulation for Refractory Epilepsy. *Stereotact Funct Neurosurg*. 2019;97(3):176-182. doi: 10.1159/000502344. Epub 2019 Sep 18. PMID: 31533117.
- 146) Sunwoo JS, Yang KI, Kim JH, Koo DL, Kim D, Hong SB. Sleep duration rather than sleep timing is associated with obesity in adolescents. *Sleep Med*. 2020 Apr;68:184-189. doi: 10.1016/j.sleep.2019.12.014. Epub 2020 Jan 11. PMID: 32044556.
- 147) Guo W, Koo BB, Kim JH, Bhadelia RA, Seo DW, Hong SB, Joo EY, Lee S, Lee JI, Cho KR, Shon YM. Defining the optimal target for anterior thalamic deep brain stimulation in patients with drug-refractory epilepsy. *J Neurosurg*. 2020 May 8:1-10. doi: 10.3171/2020.2.JNS193226. Epub ahead of print. PMID: 32384279.
- 148) Koo DL, Yang KI, Kim JH, Kim D, Sunwoo JS, Hwangbo Y, Lee HR, Hong SB. Association between morningness-eveningness, sleep duration, weekend catch-up sleep and depression among Korean high-school students. *J Sleep Res*. 2020 May 11:e13063. doi: 10.1111/jsr.13063. Epub ahead of print. PMID: 32391631.
- 149) Jeon S, Cho JW, Kim H, Evans AC, Hong SB, Joo EY. A five-year longitudinal study reveals progressive cortical thinning in narcolepsy and faster cortical thinning in relation to early-onset. *Brain Imaging Behav*. 2020 Feb;14(1):200-212. doi: 10.1007/s11682-018-9981-2. PMID: 30392082.

150) Seong MJ, Hong SB, Seo DW, Joo EY, Hong SC, Lee SH, Shon YM. Correlations between interictal extratemporal spikes and clinical features, imaging characteristics, and surgical outcomes in patients with mesial temporal lobe epilepsy. *Seizure*. 2020 Sep 13;82:12-16. doi: 10.1016/j.seizure.2020.08.031. Epub ahead of print. PMID: 32957031.

## **2. Non-SCI(E) Domestic articles in Korea : 146**

- 1) Seung-Bong Hong, Jae-Kyu, Sang-Bok Lee, Ho-Jin Myong.  
PSEUDOHYPOPARATHYROIDISM AND BASAL GANGLIA CALCIFICATION.  
*Korean-J-Neurology* 2 (2) : 222~231, 1984
- 2) Seung-Bong Hong, Jae-Kyu Rho, Sang-Bok Lee, Ho-Jin Myong.  
ONE CASE OF INTRACRANIAL SPARGANOSIS. *Korean-J-Neurology* 3(1) : 96~101, 1985
- 3) Seung-Bong Hong, Ho-Jin Myung, Sung-Ho Park. A Clinical Study on 16 Cases of Myotonic Dystrophy. *Korean-J-Neurology* 3 (2) : 254~266, 1985
- 4) Seung-Bong Hong, Kwang-Woo Lee, Jae-Kyu Roh, Sang-Bok Lee, Ho-Jin Myung, Sang-Goo Shin, Chan-Woong Park, Jin Q Kim. Pharmacokinetic Approach for the Optimum Administration of Sodium Valproate.-Maintenance Dose Prediction of Sodium Valproate Based on One Point Method – *Korean-J-Neurology* 5 (2) : 114~123, 1987
- 5) Seung Bong Hong, Choong-Kun Ha, Duk-Ryul Na, Ho-Jin Myung. A Clinical Study on Sodium Valproate-Anticonvulsant and Side Effects-*Korean-J-Neurology* 6 (2) : 169~175, 1988
- 6) Choong-Kun Ha, Duk-Ryul Na, Seung Bong Hong, Kwang-Woo Lee, Ho-Jin Myung.  
The Clinical Application of Visual Evoked Potentials in Diagnosis of Multiple Sclerosis.  
*Korean-J-Neurology* 6 (2) : 158~168, 1988
- 7) Duk-Lyul Na, Byung-Woo Yoon, Choong-Kun Ha, Byoung-Joon Kim, Jae Kyu Roh, Sang-Bok Lee, Seung-Bong Hong, Seung-Cheol Hong. Effect of Mannitol on Serum Osmolality and on Water and Electrolytes Excretion. *Korean-J-Neurology* 7 (1) : 10~18, 1989
- 8) Sang Kun Lee, Duk Ryul Na, Seong Ho Park, Jae Mun Kim, Seung Bong Hong, Kwang Woo Lee, Jae Kyu Roh, Sang Bok Lee, Ho Jin Myung. Transcortical Motor Aphasia.  
*Korean-J-Neurology* 8 (2) : 14~20, 1990
- 9) Seung Bong Hong, Sang Eun Kim, Hojin Myung. Responses of Serum Prolactin, Growth Hormone and Cortisol to Generalized Epileptic Seizures and to Stress.  
*Korean-J-Neurology* 8 (1) : 14~20, 1990

10) Seunh Hyun Kim, Sang Yoon Kim, Seung Bong Hong, Byung Woo Yoon, Jae Kyu Roh, Sang Bok Lee, Ho Jin Myung. Two Cases of Moyamoya Disease Showing Visual Disturbance and Complete Occlusion of Proximal Internal Carotid Artery.

*Korean-J-Neurology* 8 (2) : 325~334, 1990

11) Seung Bong Hong, Seung Hyun Kim, Duk Lyul Na, Kwang Woo Lee, Jae Kyu Roh, Sang Bok Lee, Ho-Jin Myung. Vibratory Inhibition Index of H Reflex, H/M and F/M Ratios in Patients With Spastic Weakness. *Korean-J-Neurology* 8 (2) : 264~270, 1990

12) Gyu Seob Cho, Nam Soo Lee, Seung Bong Hong, Jae Kyu Roh, Sang Bok Lee, Ho Jin Myung. A Clinical Study on Poststroke Seizures. *Korean-J-Neurology* 8 (2) : 220~225, 1990

13) Seung Hyun Kim, Seung Bong Hong, Kwang Woo Lee. Sequential Changes and Prognostic Values of Electrophysiological Parameters in Guillain-Barre Syndrome.

*Korean-J-Neurology* 9 (1) : 49~56, 1991

14) Seung Bong Hong, Seung Hyun Kim, Sang Keun Lee, Kwang Kuk Kim, Kwang Woo Lee, Man Wook Seo, Kyung Yoon O. Electrophysiological Studies on Myokymia -four facial and five limb myokymia- *Korean-J-Neurology* 9 (1) : 66~78, 1991

15) Sang Kun Lee, Jae Kyu Roh, Jae Woo Kim, Seung Bong Hong, Duk Lyul La, Kee Hyun Chang, Sang Bok Lee, Ho Jin Myung. MRI and Clinical Profiles of Multiple Sclerosis

*Korean-J-Neurology* 9 (1) : 18~24, 1991

16) Byung Woo Yoon, Seung Bong Hong, Jae Kyu Roh. Normal Values of the Regional Cerebral Blood Flow(rCBF) in Rat Using Digital Autoradiographic Method.

*Korean-J-Neurology* 9 (3) : 380~388, 1991

17) Sang Eun Kim, Dong Soo Lee, June Key Chung, Myung Chul Lee, Chang Soon Koh, Soo Churl Cho, Seung Bong Hong, Byung Woo Yoon, Jae Kyu Roh, Ho Jin Myung.

Regional Distribution of Cerebral Blood Flow in Childhood Measured by 99-mTc-HMPAO SPECT : Reference Values of Semiquantitative Indices and Effect of Age.

*The Korean Journal of Nuclear Medicine* : Vol. 2, No.1, 1991

18) Jae Kyu Roh, Seung Bong Hong, Byung Woo Yoon, Myung Suk Kim, Ho Jin Myung. The Effect of Hyperglycemia on Lipid Peroxidation in the Global Cerebral Ischemia of the Rat. *Reprinted from Journal of Korean Medical Science* Vol. 7, No1, 1992

20) Seung-Bong Hong, Dae-Won Seo, Il-Keon Lee, Duk-Lyul Na, Byung-Woo Yoon, Eae-Kyu Roh, Seung-Hyun Kim. Interrater Reliabilities of Barthel index, Canadian Neurologic Scale, NIH Stroke Scale, and Graded Neurologic Scale. *Korean-J-Neurology* 10 (1) : 14~22, 1992

- 19) Sang Eun Kim, Seung Bong Hong, Byung-Woo Yoon, Sang Kyun Bae, Chang Woon Choi, Dong Soo Lee, June-Key Chung, Jae Kyu Roh, Myung Chul Lee, and Chang-Soon Koh. Effect of NMDA Receptor Antagonist on Local Cerebral Glucose Metabolic Rate in Focal Cerebral Ischemia. *Korean-J-Nuclear Medicine* : Vol. 29, No. 3, 1995
- 20) Sook-Young Roh, Seung Bong Hong, Dae Won Seo. Lateralizing Value of Ictal Behaviors in Temporal Lobe Epilepsy. *Korean-J-Neurology* 14 (1) : 126~133, 1996
- 21) Dae Won Seo, Il Keun Lee, Sook Young Roh, Seung Bong Hong. Two Patients of REM Sleep Behavior Disorders with Narcolepsy or Periodic Limb Movement Disorder. *Korean-J-Neurology* 14 (2) : 583~589, 1996
- 22) Sook-Young Roh, Seung Bong Hong, Dae-Won Seo, Seung-Chyul Hong, Yeon-Lim Suh. Dysembryoplastic Neuroepithelial Tumor in Young Patients with Temporal Lobe Epilepsy. *Korean-J-Neurology* 14 (2) : 637~644, 1996
- 23) Dae Won Seo, Sook Young Roh, Il Keun Lee, Seung Bong Hong, Chin Sang Jung, Kwang Ho Lee, Dong Ik Kim, Byung Boong Lee, Nack Cheon Choi. Intraoperative Electroencephalographic Changes during Carotid Endarterectomy. *Korean-J-Neurology* 14 (3) : 679~687, 1996
- 24) Dae Won Seo, Duk L. Na, Seung Bong Hong, Yo-Sik Kim, Keyoung Won Kim, Kwang ho Lee. The Significance of Periodic Sharp-Wave Complexes in Creutzfeldt-Jakob Disease. *J Korean-J-Neurology* 15 (5) : 1064~1072, 1997
- 25) Dae Won Seo, Seung Bong Hong, Kwang Ho Lee, Seung Jun Chung, Jun Kim, Ho Keyong Sung. Effects of somatostatin and morphine on the responses of dorsal horn neurons to noxious peripheral nerve stimulation in cats. *Korean-J-Neurology* 15 (5) : 1102~1116, 1997
- 26) Seung Chyul Hong, Sang Koo Lee, Seung Bong Hong, Dae Won Seo, Moon Hyang Lee, and Jong Hyun Kim. Subdural Electrides: Usefulness and Problems in Epilepsy Surgery and Functional Mapping. *J Korean Epilepsy Society* Vol 1(1), 1997.
- 27) Sun Jung Kim, Sang Eun Kim, Seung Bong Hong, Dae Won Seo, Seung-Chyul Hong, Dong Gyu Na, Byung-Tae Kim. SPECT and PET for the Localization of Seizure Foci in Localization-Related Epilepsy. *Korean-J-Neurology* 16 (1) : 28~35, 1998
- 28) Hyang Woon Lee, Seung Bong Hong, Kyung Won Kim, Seung Hye Han, Dae Won Seo, Won Yong Lee, Byoung Joon Kim, Chin Sang Chung, Seung Chyul Hong. Predictive Values of Four Wada Memory Asymmetry Indices in Postsurgical Memory Outcome. *Korean-J-Neurology* 16 (6) : 839~843, 1998
- 29) Kyung-Mi Oh, Dae Won Seo, Seung-Bong Hong, Mun-Hyang Lee, Seung-Chyul Hong, Yeon-Lim Suh, Chin Sang Chung, Won Yong Lee, Yong Bum kim, Kwang-Ho Lee.

Epileptogenic Zones in Intractable Epilepsy Patients with Dysembryoplastic neuroepithelial tumor. *Korean-J-Neurology* 16 (4) : 486~493, 1998

30) Dae Won Seo, Seung Bong Hong, Seung Chul Hong, Ki Young Jung, Jin Woon Park, Yo Sik Kim, Keyong Won Kim, Han Bo Lee, Kwang Ho Lee. Electro-clinico-pathologic Relations of Epileptogenic Foci in Cavernous Angioma. *Korean-J-Neurology* 16 (3) : 283~292, 1998

31) Yo Sik Kim, Dae Won Seo, Seung Bong Hong. Differential Findings of Ictal EEG Pattern between Mesial and Neocortical Temporal lobe Epilepsies. *Korean-J-Neurology* 16 (3) : 293~301, 1998

32) Young-Ik Son, Myung-Hee Shin, Jun Sun Ryu, Jea Yun Jung, Kwang-Chol Chu, and Seung Bong Hong. Hypercholesterolemia and Abnormal Liver Function in Obstructive Sleep Apnea Patients. *Korean J Otolaryngol* Vol 41(4): 493-496, 1998

33) Ki-Young Jung, Yeon wook Kang, Jin-Woon Park, Dae Won Seo, Seung Bong Hong, Seung Chyul Hong. Memory Lateralizing Values of Different Stimulus Types in Wada Test. *Korean-J-Neurology* 16 (6) : 844~850, 1998

34) Byung In Lee, Seung Bong Hong, Sang Am Lee, Sang Do Lee (KOREAN TOPIRAMATE STUDY GROUP)-and others. Double-Blind Placebo-Controlled Randomized Clinical Trial of Topiramate Add-On Therapy in Medically Intractable Partial Epilepsies.

*Korean-J-Neurology* 16 (6) : 809~819, 1998

35) Yo Sik Kim, Dae Won Seo, Seung Bong Hong. A Case of Primary Reading Epilepsy: Showing Right and Left Temporoparietal Hypometabolism on FDG-PET.

*J Korean Epilep Soc* Vol 2(1): 37-42, 1998.

36) Dae Won Seo, Seung Bong Hong, Hong Woon Lee, Hyun Jung Han, Hey Young Kwon, Seung Chul Hong, and Woo Suk Tae. MR Volumetry in temporal Lobe Epilepsy.

*J Korean Epilep Soc* Vol 2(2): 79-86,1998

37) Seung Bong Hong, Woo Suk Tae. Three dimensional multi-modality image fusion and other advanced image techniques in localizing epileptogenic focus.

*J Korean Epilep Soc* 2(2):112-120, 1998

38) Dae Won Seo, Kwan Park, An Jae Young, Sang Koo Lee, Chin Sang Chung, Seung Bong Hong, Won Young Lee, Byung Jun Kim, Jong Hyun Kim. Electrophysiologic Neuromonitoring Changes during Tumor Surgery in Cerebellopontine Angle.

*J Kor Neurol Ass* / Volume 17 / January, 1999

39) Sang Koo Lee, Seung Chyul Hong, Seung Bong Hong, Dae Won Seo, and Jong Hyun Kim. Surgical Treatment of Epilepsy Originating from Central Sulcus Region.

*J Korean Epilep Soc* Vol 2(1): 31-36, 1998

- 40) Seung Bong Hong, Woo Suk Tae. Three Dimensional Multy-Modality Image Fusion and Other Advanced Image Techniques in Localizing Epileptic Focus.  
*J Korean Epilep Soc* Vol 2(2): 112~120, 1998
- 41) Hyang Woon Lee, Seung Bong Hong, Kyung Won Kim, Yeonwook Kang, Dae Won Seo, Soo Jeong Choi, Chin Sang Chung, Won Yong Lee, Byoung Joon Kim, Hye Young Kwon, Hyun Jung Han, Seung Chyul Hong. Cut-off Value of Wada Memory Score in Verbal and Visual Memory Domain. *Korean-J-Neurology* 17 (1) : 94~97, 1999
- 42) Seung Bong Hong, Hyun-Jeong Han, Sook-Young Rho, Dae Won Seo, Sang Eun Kim, Hyang Woo Lee, Hye Young Kwon. Correlation of FDG PET Hypometabolism with Interictal Spike Frequency during FDG Distribution Phase in Temporal Lobe Epilepsy.  
*J Korean Neurol Assoc* 17(1):83-87, 1999
- 43) Yong Bum Kim, Seung Bong Hong, Dae Won Seo, Soo Joo Lee, Kyung Mi Oh, Seung Chul Hong, Won Yong Lee, Chin Sang Chung, Byung Jun Kim. Ictal Features Differentiating Mesial from Neocortical Temporal Lobe Epilepsies. *Korean-J-Neurology* 17 (1) : 79~82, 1999
- 44) Seung Bong Hong. Sleep apnea and sleep disturbances in neurological disorders.  
*Sleep Medicine and Psychophysiology* 2001 ; 7(2) : 79-83
- 45) Jae Wook Ryoo, Dong Gyu Na, Hong Sik Byun, Chan Hong Moon, Sung Wook Shin, Young Han Kim, Chul H. Paik, Duk Woo Ro, Yeon wook Kang, Seung Bong Hong, Sung Moon Kim. Language Lateralization by Functional MRI:A Comparison with Wada Test-preliminary Results. *J Korean Epilep Soc* Vol(40) 821-827, 1999.
- 46) Hong,Seung-Bong ; Kyung,Seung-Hyun ; Han,Hyun-Jung ; Na,Dong-Kyu ; Son,Young-Ik ; Park, Young-Chel. The effect of Mandibular Repositioning Device on Airway Size and Airway Collapsibility in Obstructive Sleep Apnea Syndrome: cine CT during sleep.  
*Sleep Medicine and Psychophysiology* 1999 ; 6(2) : 110-115
- 47) Hyang Woon Lee, Seung Bong Hong, Dae Won Seo, Woo Suk Tae, Seung Chyul Hong. Functional Mapping of the Human Visual Cortex Using Electrical Cortical Stimulation and Flash Visual Evoked Potentials. *Journal of the K.S.C.N.* Vol 1(1), 10-18,1999
- 48) Soo Jin Yoon, Dae Won Seo, Seung Bong Hong, Seung Chul Hong, Yeon-Lim Suh, Kwang Ho Lee, Won Yong Lee, Byoung Joon Kim. Intractable Epilepsy associated with Neurocysticercosis : Perilesional Epileptogenic Features.  
*J Koren Neurol Assoc* 17(5):645~650, 1999.
- 49) Dae Won Seo, Seung Bong Hong. Comparison of Periolandic Sensorimotor Function Using Somatosensory Evoked Potentials and Brain Stimulation in Patients with Epilepsy.  
*Korean-J-Neurology* 17 (4) : 498~504, 1999

- 50) Dae Won Seo, Seung Bong Hong. Comparison of Magnetic Resonance Imaging, Invasive Electroencephalography and Pathologic Findings with Surgical Outcome in Intractable Epilepsy Due to Cortical Dysplasia. *J Korean Neurol Assoc* 17;6:804-809, 1999
- 51) Su Jung Choi, Jiy eong Yi, Yeon wook Kang, Dae Won Seo, Seung Chyul Hong, Seung Bong Hong. Personality Evaluation of Ictractable Epilepsy Patients and the Postsurgical Change. *Journal of Korean Epilepsy Society*, Vol (3) 2, 1999.
- 52) Dae Won Seo, Seung Bong Hong, and Seung Chul Hong. Patterns and Localization of Ictal Scalp EEG in Partial Epilepsies. *Journal of Korean Epilepsy Society*, 1999:13(2)
- 53) Kim, Jin-Hang ; Hong, Seung-Bong ; Yi, Ji-Yeong ; Cho, Keun-Chong . The Effect of DAYtime Exercise Load on Sleep Structure and the secretion of Growth Hormone, Testosterone, Cortisol,  $\beta$ -endorphin during sleep. *Sleep Medicine and Psychophysiology* 1999 ; 6(2) : 116-125
- 54) Hyang Woon Lee, Seung Bong Hong, Dae Won Seo. PARTIAL SEIZURES PRESENTED AS APNEA IN AN ADULT. *J Korean Neurol Assoc* 17;3:416-419, 1999
- 55) Byung In Lee, kyoung Heo, Kwang Su Lee, Seung Bong Hong, Dae Won Seo (Korean Zonismaide Study Group)-and others. Double-Blind, Randomized, Comparative Clinical Trial of Zonisamide and Carbamazepine as Initial Monotherapy in Newly Diagnosed Epilepsy. *J Korean Epilep Soc* Vol 3(1), 50-57, 1999
- 56) Jea Wook Ryoo, Dong Gyu Na, Seung Bong Hong, Dae Won Seo, Seung Chyul Hong, Dea Seob Choi, Woo In Chung, Hong Sik Byun. Determination of Dominant Hemisphere for Language: Comparison of fMRI and Wada Test. *J Korean Soc Magn Reson Med* Vol 3(1): 225-231, 1999
- 57) Seung Bong Hong, Hyang Woon Lee. Semiological Seizure Classification. *J Korean Epilep Soc* Vol 3(2), 223~229,1999
- 58) Soo Young Youn, Seung Cheol Jeong, Yeon Wook Kang, Hyang Woon Lee, Jiyeong Yi, Dae Won Seo, Seung Bong Hong. Clinical Factors Influencing Quality of Life in Patients with Epilepsy. *J Korean Neurol Assoc* 18 (2) : 156~161, 2000
- 59) Hyang Woon Lee, Seung Bong Hong, Woo Suk Tae, Sang Eun Kim, Dae Won Seo, Seung Cheol Jeong, Ji Young Yi, Seung Chyul Hong. Ictal Cerebral Perfusion Patterns in Partial Epilepsy: SPECT Subtraction. *The Korean Journal of Nuclear Medicine*: Vol 34(3), 169-82,2000
- 60) Sung Bong Hong. Semiology of Frontal Lobe Epilepsy. *Medical Postgraduates* No. 4 Vol. 28 p249-255, 2000

- 61) Ji yeong Yi, Seung Bong Hong, Yeon Wook Kang, Dae Won Seo, Seung Chyul Hong. The extent of hippocampal resection and postsurgical memory change in temporal lobe epilepsy. *J Korean Epilep Soc* 4(1):35-41, 2000
- 62) Kim,Hoo-Won; Hong,Seung-Bong. The nasal airflow pressure monitoring and the measurement of airway pressure changes in Obstructive Sleep Apnea Syndrome and Upper Airway Resistance Syndrome. *Sleep Med Psychophysiol.* 2000 Jun;7(1):27-33. Korean.
- 63) Hyang Woon Lee, Seung Bong Hong. Narcolepsy Variant Presented with Difficult Waking. *Sleep Medicine and Psychophysiology* 2000 ; 7(2) : 115-119
- 64) Seung Bong Hong, Woo Suk Tae, Seung Cheol Jeong, Hyang Woon Lee, Dae Won Seo, Jiyoung Yi, and Seung Chyul Hong. Cortical Deformation Zone in Partial Epilepsy: 3D Surface-Projection Rendering of Brain MRI. *J Korean Epilep Soc* 2000; 4 (1): p.3~11
- 65) Seung Cheol Jeong, Seung Bong Hong, Seung Hyun Kyung, Hoo Won Kim. Airway Narrowing Patterns of Obstructive Selep Apnea: Airway CT and Multi-level airway pressure monitoring. *Sleep Medicine and Psychophysiology* 2000 ; 7(1) : 18-26
- 66) Seung Bong Hong, Suk Young Roh, Yeon wook Kang, Hoo won Kim, Won Chul Shin, Dae Won Seo, Sang Eun Kim. The Predictive of FDG-PET for Lateralizing Wada Memory Dominance and Epileptic Focus in Patients with temporal Lobe Epilepsy. *J korean Neurol Assoc* 18 (6) : 700~705, 2000
- 67) Won Chul Shin, Seung Bong Hong, Woo Suk Tae, Dae Won Seo, Sang Eun Kim. Ictal Hyperperfusion of Cerebellum and Basal Ganglia in Temporal Lobe Epilepsy: SPECT Subtraction. *Korean J Nucl Med* 2001;35:12-22
- 68) Seung Bong Hong, Hye Young Kwon, Woo Suk Tae, Chul Hwa Paik, Tae Woo Kim, Dae Won Seo, Byoung Joon Kim, Dong Kyu Na, Hong Sik Byun. Regional MRI Volumetry and Longitudinal Regional Volume Curve for Detecting Hippocampal Sclerosis in Temporal Lobe Epilepsy. *J korean Neurol Assoc* 19 (2) : 125~131, 2001
- 69) Dae Won Seo, Seung Bong Hong, Do-Hyun Nam, Jung-IL Lee, Jong Soo Kim, Seung Chul Hong, Kwan Park, Ik Soo Jung. Intraoperative Topographic Mappings of the Central Sulcus by Somatosensory Evoked Potential Phase Reversals on Subdural Electrodes. *J korean Neurol Assoc* 19 (6) : 624~628, 2001
- 70) Seung Bong Hong, Won Chul Shin. Seizure Disorders Mimicking Epilepsy. *J korean Neurol Assoc* 45 (2): 176~188, 2002
- 71) Sang Won Seo, Jay C. Kwon, Juhee Chin, Sue J. Kang, Woo Suk Tae, Seung Bong Hong, Duk L. Na. Primary Progressive Amnesia 3 Cases - a Case Study *J korean Neurol Assoc* 19 (6) : 592~597, 2001



- 72) Byung In Lee, Sang-Ahm Lee, Seung Bong Hong (Korean Vagus Nerve Stimulation Study Group)-and others. Vagus Nerve Stimulation Therapy in Refractory Epilepsy : 18-Month Follow-up Multicenter Study. *J Korean Epilep Soc* 5(1) : 46-51, 2001
- 73) So-Young Moon, Dae-Won Seo, Hahn-Young Kim, Young-Min Shon, Min Soo Park, Won Chul Shin, Dong Kyu Na, Seung-Bong Hong. Non-ketotic Hyperglycemia Manifested as Occipital Lobe Complex Partial Status Epilepticus. *J Korean Neurol Assoc* 20(1):75~78, 2002
- 74) Woo Suk Tae, Seung Bong Hong. Sexual Dimorphism of Human Corpus Callosum verified by Quantitative MRI. *J Korea Neurol Assoc* 20(1):34~42, 2002
- 75) KI-young Jung, Jae-Moon Kim, Eun-Hee Sohn, Seung Bong Hong, Cheol-Seung Yoo, Sang-Hoon Yi. Spatio-Temporal Distribution& Propagation of Temporal Lobe Seizures: Application of Nonlinear Mutual Cross Prediction. *J Korean Neurol Assoc* 20(2):147-152, 2002
- 76) Woo Suk Tae, Seung Bong Hong, Won Cheol Shin, Hyang Woon Lee, Dae Won Seo, Moon Hyang Lee, Kyun Rak Chong, Young Tae Byun. Measurement of Corpus Callosal Area in Juvenile Myoclonic Epilepsy Using High Resolution Magnetic Resonance Imaging *J Korean Epilep Soc* 5(2):156-164, 2001
- 77) Soo Young Youn, Seung Bong Hong, Jun-Kyu Kwak. The Relationship of Stigma and Quality of Life in Patients with Epilepsy. *J Korean Epilep Soc* 5(2):172-176, 2001
- 78) Hyang Woon Lee, Seung Bong Hong, Won Cheol Shin, Young-Min Shon, Woon Chyul Lee, Sae Yong Kim, Seung Whan Kim. The Anticipation of Epileptic Seizures by Non-linear Periodicity of Inter-Spike Intervals. *J Korean Epilep Soc*5(2):142-150, 2001
- 79) Young-Min Shon, Seung Bong Hong, Eun Kyung Lee, Woo Suk Tae, Dae Won Seo, Won Chul Shin. Hippocampus/Frontal Gyrus FLAIR Signal Intensity Ratio in Patients with Mesial Temporal Lobe Epilepsy. *J Korean Neurol Assoc* 20(2):153-163, 2002
- 80) Min Soo Park, Young-Min Shon, Dae Won Seo, Han seung Yi, Won Chul Shin, Seung-Chyul Hong, Yeon-Lim Suh, Seung Bong Hong. An Epileptic Surgery done in a Case of the Refractory Epilepsy caused by a Frontal Meningioangiomas. *J Korean Neurol Assoc* 20(3):302~306, 2002
- 81) Han seung Yi, Dae won Seo, Min Soo park, Eun-yeon Joo, Lee Eun-Kyung, Young-Min Shon, Won Chul Shin, Seung Bong Hong. A Case of Frontal Lobe Epilepsy with Pilomotor Seizure. *J Korean Neurol Assoc* 20(5): 544~547, 2002
- 82) So-Young Moon, Seung Bong Hong, Young-Min Song, Jae-Wook Ryoo, Dae Won Seo. Alternating hemispheric seizures with migrating brain lesions in MELAS syndrome. *J Korean Epilepsy Society* 6(1):1-4, 2002

- 83) So-Young Moon, Dea Won Seo, Hahn-Young Kim, Seung-Chul Hong, Seung Bong Hong. Cryptogenic gelastic seizures from medial frontal area: 2 cases  
*J Korean Neurological Association* 20(6):716-720, 2002
- 84) Woo Suk Tae, Eun Yeon Joo, Seung Bong Hong. Distribution of Cerebral Gray and White Matters in Juvenile Myoclonic Epilepsy: Voxel Based Morphometry  
*J korean Neurol Assoc* 21 (1) : 62~69, 2003
- 85) Woo Suk Tae, Eun Kyung Lee, Eun Yeon Joo, Dea Won Seo, Seung Bong Hong. Changes of Frontal Lobe and Hippocampus in Juvenile Myoclonic Epilepsy  
*J korean Neurol Assoc* 21 (1) : 54~61, 2003
- 86) Young Min Song, Dea Won Seo, Eun Yeon Joo, Hyung In Cho, Seung Bong Hong. Eating Reflex Seizures in a Patient with Congenital Bilateral Perisylvian Syndrome  
*J korean Neurol Assoc* 21 (1) : 104~108, 2003
- 87) Hee-Jung Yoo, Sang-Ahm Lee, Hyoung Heo, Joong-Koo Kang, Ryeo Won Ko, Ju-Hwa Lee, Seung Bong Hong, Jae-Moon Kim, Byung-In Lee. The reliability and validity of Korean QOLIE-31 in Patients with Epilepsy. *J Korean Epilep Soc* 6(1):45-52, 2002
- 88) So-Young Moon, B. Joon Kim, Gyeong-Moon Kim, Dae Won Seo, Seung Bong Hong, Won Yong Lee. Propriospinal Myoclonus: Clinical and Neurophysiologic Characteristics  
*J korean Neurol Assoc* 21 (1) : 82~88, 2003
- 89) Ho Young Lee, Jeong Mi Cheon, So Hee Chung, Mun hyang Lee, Seo Dae Won, Seung Bong Hong, Seung Chul Hong, Hye Kyung Yoon. Clinical Manifestations and Surgical Outcome of Medically Refractory Epilepsy in Childhood.  
*J Korean Child Neurol* 11 (1) : 100~110,2003
- 90) Woo Suk Tae, Eun Yeon Joo, Jee Hyun Kim, Dae Won Seo, Seung Chyul Hong, Moon Hyang Lee, Myoung Hee Kim, and Seung Bong Hong. Regional Cerebral Blood Flow Patterns in Unilateral Mesial Temporal Lobe Epilepsy : Statistical Parametric Mapping of Ictal and Interictal SPECT. *J Korean Epilep Soc* 2003;7(1):16-26
- 91) Seung Bong Hong, Ki-Young Jung. Basic Electrophysiology of the Electroencephalography. *J korean Neurol Assoc* 21 (3) : 225~238, 2003
- 92) Eun Yeon Joo, Eun Kyung Lee, Woo Suk Tae, Ki young Jung, Do Hun Han, Dae Won Seo, Seung Chyul Hong and Seung Bong Hong. Ictal Hyperperfusion of Brain Structures Related to Ictal Dystonic Posturing in Temporal Lobe Seizures.  
*J korean Neurol Assoc* 21 (5) : 479~486, 2003
- 93) Woo Suk Tae, Eun Yeon Joo, Seung Bong Hong. Distribution of Cerebral Gray and White Matters in Juvenile Myoclonic Epilepsy: Voxel Based Morphometry  
*J korean Neurol Assoc* 21 (1) : 62~69, 2003
- 94) Woo Suk Tae, Eun Kyung Lee, Eun Yeon Joo, Dae Won Seo, Seung Bong Hong.

Volume Changes of Frontal Lobe and Hippocampus in Juvenile Myoclonic Epilepsy

*J Korean Neurol Assoc* 21 (1) : 54~61, 2003

95) Young Min Song, Dae Won Seo, Eun Yeon Joo, Hyung In Cho, Seung Bong Hong.

Eating Reflex Seizures in a Patient with Congenital Bilateral Perisylvian Syndrome

*J Korean Neurol Assoc* 21 (1) : 104~108, 2003

96) Yoo-Joo Choi, Min-Jeong Kim, Ji-Young Park, Hyun-Joo Yun, Myung-Jin Jung, Seung-Bong Hong, Myoung-Hee Kim. Multi-modality Medical Image Registration based on Moment Information and Surface Distance. *Journal of Computing Science and Engineering* April 2004;31(3),(4):224-238.

97) Joo EY, Kim JH, Lee EK, Tae WS, Seo DW, Hong SC, Hong SB. 난치성 측두엽 간질에서 해마와 외두엽 측두엽 신피질의 절제범위가 수술 후 예후와 뇌기능에 미치는 영향에 관한 연구. 범석학술논문집 2004;8:29-40.

98) Eun Yeon Joo, Jee hyun Kim, Hyung Jin Kim, Hee young Shin, Woo Suk Tae, Ki Young Choung, Dae Weo Seo, Seunghwan Kim, and Seung Bong Hong. Simple Partial Status Epilepticus Localized by SPECT Subtraction in Chronic Cerebral Paragonimiasis.

*J Korean Epilep Soc* 2004;8(1):61-64

99) Hee Young Shin, Jung Im Seok, Ki Young Jung, Dae Won Seo, Jung Il Lee, Seung Kyu Chung, and Seung Bong Hong. An Intracranial Metallic Nail Manifesting as Late Onset Epileptic Seizures. *J Korean Epilep Soc* 2004;8(1): 65-67

100) Eun Yeon Joo, Eun Kyung Lee, Woo Suk Tae, Jee Hyun Kim, Sun Jung Han, Joo Hee Jin, Dae Won Seo, Seung-Chyul Hong, Moon Hyang Lee, Hong Sik Byun, Myoung-Hee Kim, Seung hwan Kim, Seung Bong Hong. The Effect of Resection Extent upon Postoperative Outcome of Seizures and Memory in Anterior Temporal Lobectomy with Amygdalo-hippocampectomy. *J Korean Epilep Soc* 2004;8(1)54-60

101) Eun Yeon Joo, Seung Bong Hong. The Clinical Findings of Unitemporal and Bitemporal Glucose Hypometabolism in Mesial Temporal Lobe Epilepsy.

*J Korean Epilep Soc* 2004;8(1)41-46

102) Eun Yeon Joo, Woo Suk Tae, Jee Hyun Kim, Sun Jung Han, Yong-Won Cho, Lee, Kim, Chang-Ho Yun, Myung-Hee Kim, Byng Tae Kim, Seung Bong Hong. Abnormal Cerebral Glucose Metabolism in Patients with Narcolepsy. *J Korean Neurol Assoc* 22 (4) : 340~344, 2004

103) Eun Yeon Joo, Woo Suk Tae, Jee Hyun Kim, Sun Jung Han, Byung Tae Kim and Seung Bong Hong. Effect of Topiramate on Cerebral Glucose Metabolism

*J Korean Epilep Soc* 2004;8(2):116-122

104) Sun Jung Han, Eun Yeon Joo, Jee Hyun Kim, Min Sung Kim, Seung Bong Hong.

Body Mass Index and Neck Circumference in Patients with obstructive Sleep Apnea-Hypopnea Syndrome. *J Korean Sleep Soc* Volume 1 December, 2004

105) Seung Bong Hong, Eun Yeon Joo. Examination of the patient Normal sleep and sleep disorders. *J Korean Sleep Soc* 2004;6;1(1):1-17

106) Ji-Young Park, Yoo-Joo Choi, Min-Jeong Kim, Woo-Suk Tae, Seung-Bong Hong, Myoung-Hee Kim. Multimodal brain Image Registration based on Surface Distance and Surface Curvature Optimization. *J Korean Information Processing Society* 2004;11-A(5)391-400

107) Joo EY, Tae WS, Kim JH, Han SJ, Kim BT, Hong SB. The study of pathophysiology on narcolepsy by SPM analysis of cerebral blood flow. *범석학술논문집* 2005;9:243-250.

108) Hyun Jung Han, Eun Yeon Joo, Woo Suk Tae, Jee Hyun Kim, Sun Jung Han, Dae Won Seo, Seung-Chyul Hong, Mun hyang Lee, Byung Tae Kim, and Seung Bong Hong. The Statistical Parametric Mapping Analysis between Pre-and Post-Operative FDG-PET Images in Patients with Mesial Temporal Lobe Epilepsy. *J Korean Epilep Soc* 2005;9(1):27-35

109) Jee Hyun Kim, Eun Yeon Joo, Sun Jung Han, Woo Suk Tae, Dae Won Seo, Seung Chyul Hong, Munhyang Lee, and Seung Bong Hong. Dipole Source Localization and Low Resolution Electromagnetic Tomography(LORETA) of Interictal Spikes in Mesial and Lateral Temporal Lobe Epilepsy. *J Korean Epilep Soc* 2005;9(1):44-52

110) Seok-Gu Kang, Seung-Chyul Hong, Jee Hyun Kim, Seung Bong Hong. Interpretation of Wada Test in Anterior Temporal Lobectomy. *Society of Korean Stereotactic and Functional Neurosurgery* 2005; 1: 20-24.

111) Ju Hee Chin, Yeon Wook Kang, Jae Seol Park, Dae Won Seo, Seung Chul Hong, Seung Bong Hong. Memory Outcome after Anterior Temporal Lobectomy with Amygdalohippocampectomy in the Patients with Temporal Lobe Epilepsy *Journal of Korean Clinical Psychology* 2005,24(1):103-115

112) Eun Yeon Joo, Seung Bong Hong. Light therapy in circadian rhythm sleep Disorders *Journal of Korean Sleep Society* 2005 (2):33-38

113) Eun Yeon Joo, Woo Suk Tae, Sun Jung Han, Suk Keun Han, Sung Ik Lee, Dae Won Seo, Kyung Han Lee, and Seung Bong Hong. The Effect of Topiramate and Lamotrigine on Cerebral Glucose Metabolism in Idiopathic Generalized Epilepsy Patients *J Korean Epilep Soc* 2005,9(2):129-136

114) Seung Bong Hong, Eun Yeon Joo. Epilepsy Surgery- I. *Korean Neurol Assoc* 2006, 49(3):253-271

115) Seung Chyul Hong, Jung Il Lee, Dae Won Seo, Seung Bong Hong. Epilepsy Surgery-II. *J Korean Neurol Assoc* 2006,49(4):347-357

- 116) Woo Suk Tae, Seung Bong Hong, Eun Yeon Joo, Sun Jung Han, Jae-Wook Cho, Dae Won Seo, Jong-Min Lee, In Young Kim, Hong Sik Byun, Sun I Kim. Structural Brain Abnormalities in Juvenile Myoclonic Epilepsy Patients: Volumetry and Voxel-Based Morphometry. *JOURNAL OF KOREAN RADIOLOGY* 2006,7(3):162-172
- 117) Ki-Young Jung, Seung Bong Hong. Hypocretins/Orexins and Narcolepsy. *J Korean Sleep Soc* (3):69-73, 2006
- 118) Joo Eun-Yeon, Lee Eun-Kyung, Tae Woo-Suk, Hong Seung-Bong. Hippocampal Volumetry in Normal Volunteers. *Ewha Med J* 2007 vol 30, No 1, 29-36
- 119) Dae young Kim, Eun Yeon Joo, Woo Suk Tae, Sun Jung Han, Jae-Wook Cho, Dae Won Seo, Seung Bong Hong. Cortical Localization of Scalp Electrodes on Three-Dimensional Brain Surface Using Frameless Stereotactic Image Guidance System *J Korean Neurol Assoc* 25(2):155~160,2007
- 120) Jee Hun Lee, Bo Lyun Lee, Ju Hee Chin, Dae Won Seo, Seung Bong Hong, Seung Chul Hong, Mun Hyang Lee. Neuropsychological Outcome after Epilepsy Surgery in Pediatric Patients . *J Korean Child Neurol* 15(1): 35-44 ,2007
- 121) Jin young Youn, Eun Yeon Joo, Sun Hwa Kim, Ji-Hyun Lee, Jae-Wook Cho, Sung Tae Kim, Taek Sool Kwon, Hyung-Jin Kim, Seung Bong Hong. MRI Analysis of Upper Airway in Patients with Obstructive Sleep Apnea- Hypopnea Syndrome. *J Korean Neurol Assoc* 25 (3) : 304~311, 2007
- 122) Yong Won Cho, Mi Young Lee, Chang Ho Yun, Won Chul Shin, Seung Bong Hong, Ju Han Kim. The Reliability and Validity of the Korean Version of Paradigm of Questions for Epidemiology Studies of Restless Legs Syndrome and the Johns Hopkins Telephone Diagnostic Interview Form for the Restless Legs Syndrome. *J Korean Neurol Assoc* 25 (4) : 494~499, 2007
- 123) Soo-Kyoung Kim, Daeyoung Kim, Youngnam Kim, Ji-Hyun Lee, Jae-Wook Cho, Eun Yeon Joo, Young Ho Kim, Seung Bong Hong. Therapeutic Effect of Mandibular Advancement Device in Sleep-Related Breathing Disorders. *J Korean Neurol Assoc* 25 (4) : 500~507, 2007
- 124) Dong Kyoo Lee, Hee Jung Park, Sun Hwa Kim, Jae-Wook Cho, Eun Yeon Joo, Ki-oung Jung, Seung Bong Hong. Cognitive Dysfunctions in Patients With Severe Obstructive Sleep Apnea Syndrome: Neuropsychological Test and Event-Related Potential Study. *J Korean Neurol Assoc* 26(4):333-340, 2008
- 125) Han SJ, Joo EY, Cho JW, Hong SB. The Usefulness of Repeated Multiple Sleep Latency Test for the Diagnosis of Narcolepsy. *J Korean Sleep Soc* 2008; 5(1):39-42. (corresponding author)
- 126) Semi Oh, Dae-Won Seo, Eun Yeon Joo, Seung-Chyul Hong and Seung Bong Hong.

- Surgical Treatment of Intractable Epilepsy Originating. from Central Region: A Case Report. *J Korean Epilep Soc* 2009;13(1): 22 – 26
- 127) Sun Jung Han, Eun Yeon Joo, Jae Wook Cho, Seung Bong Hong.  
The Usefulness of Repeated Multiple Sleep Latency Test for the Diagnosis of Narcolepsy  
*J Korean Sleep Soc* 2008;05:01 39-42
- 128) Hwan Seok Park, Eun Yeon Joo, Seung Bong Hong  
Sleep onset Insomnia. *J Korean Sleep Soc* 2009;06:02 74 – 85
- 129) Joo EY, Tae WS, Hong SB. Methylphenidate's Effect on Cerebral Blood Flow in Patients with Narcolepsy. *Sleep Med Res.* 2010; 1(1);30-31. (*corresponding author*)
- 130) Altered Cerebral Perfusion of Motor Cortex in Patients with Periodic Limb Movement Disorder. Eun Yeon Joo, Jung Sik Kim and Seung Bong Hong. *J Korean Sleep Soc* 2011;08:02 35 – 39
- 131) Characteristics of Psychogenic Non-Epileptic Seizure Patients using MMPI Profiles.**  
Eun Oh, Soo-Jee Seo, Ju-Hee Jin, Seung Bong Hong.  
*Journal of Korean Epilepsy Society* 2011 ;15(1):10-16.
- 132) Pamela Song, Hwan Seok Park, Eun Yeon Joo, Seung Bong Hong. **How Do Restless Legs Syndrome Patients Recognize Daytime Sleepiness? - The Multiple Sleep Latency Test** - *Sleep Med Res* 2011;2:102-106
- 133) Koo DL, Song P, Byun SY, Lee JH, Yu NT, Joo EY, Seo DW, Hong SC, Hong SB. Obvious Time Differences in Simultaneous Ictal Recordings with Scalp and Subdural Electrodes: One Patient with Mesial Temporal Lobe Epilepsy. *J Korean Society for Clinical Neurophysiology* 2011: 13(2);93-96. (*corresponding author*)
- 134) Kim D, Cho JW, Lee J, Joo EY, Hong SC, Hong SB, Seo DW. Seizure duration determined by subdural electrode recordings in adult patients with intractable focal epilepsy. *J Epilepsy Res.* 2011 Dec 30;1(2):57-64. doi: 10.14581/jer.11011. eCollection 2011 Dec. (*coauthor*)
- 135) Choi SJ, Koo DL, Joo EY, Hong SB. Predictable Factors of Residual Sleepiness in Auto-PAP Users With Obstructive Sleep Apnea. *J Korean Neurol Assoc* 2012: 30(4);293-300. (*corresponding author*)
- 136) Song P, Joo EY, Seo DW, Hong SB. Seizure localization in patients with multiple tubers: presurgical evaluation in tuberous sclerosis. *J Epilepsy Res.* 2012 Mar 30;2(1):16-20. doi: 10.14581/jer.12005. eCollection 2012 Mar. (*corresponding author*)
- 137) Ji KH, Joo EY, Hong SB. Demographic, Clinical and Polysomnographic Findings in 53 Patients with Rapid Eye Movement Sleep Behavior Disorder. *J Korean Sleep Res Soc.* 2012: 9;41-45. (*corresponding author*)
- 138) Ji KH, Hong SB. Headache Attributed to Nasal Continuous Positive Airway Pressure. *J Korean Sleep Res Soc.* 2012: 9;57-60. (*corresponding author*)
- 139) Song P, Kim SH, Kim DY, Joo EY, Hong SB. Long Term Effects of Continuous Positive Airway Pressure in Obstructive Sleep Apnea Patients: Apnea-Hypopnea Index and Blood Pressure Changes. *Sleep Med Res.* 2012: 3(1); 20-26. (*corresponding author*)
- 140) Kim SM, Song JY, Lee C, Lee HW, Kim JY, Hong SB, Jung KY. Effect of Oxcarbazepine on Background EEG Activity and Cognition in Epilepsy. *J Epilepsy Res* 2013;3:7-15. (*corresponding author*)

- 141) Choi SJ, Hong SC, Seo DW, Joo EY, Cho JR, Hwang KJ, Kim JY, Hong SB. Long-Term Outcome of Vagus Nerve Stimulation for Refractory Epilepsy: A Longitudinal 4 year Follow-up Study in Korea. *J Epilepsy Res.* 2013 Jun 30;3(1):16-20. (*corresponding author*)
- 142) Kim J, Shin HK, Hwang KJ, Choi SJ, Joo EY, Hong SB, Hong SC, Seo DW. Mirror focus in a patient with intractable occipital lobe epilepsy. *J Epilepsy Res.* 2014 Jun 30;4(1):34-7. (*coauthor*)
- 143) Choi SJ, Joo EY, Hong SB. Clinical Efficacy of Incomplete Cognitive Behavior Therapy for Insomnia. *J Korean Neurol Assoc* 2014; 32(3):150-157. (*corresponding author*)
- 144) Lee JH, Joo EY, Seo DW, Hong SB. Lateralizing Cortical Excitability in Drug Naïve Patients with Generalized or Focal Epilepsy. *J Epilepsy Res.* 2015 Dec 31;5(2):75-83. (*corresponding author*)
- 145) Son WH, Hwang WS, Koo DL, Hwang KJ, Kim DY, Seo JH, Na GY, Joo EY, Hong SB, Seo DW. The Difference in Heart Rate Change between Temporal and Frontal Lobe Seizures during Peri-ictal Period. *J Epilepsy Res.* 2016 Jun 30;6(1):16-21
- 146) Hwang KJ, Kim J, Joo EY, Hong SB, Hong SC, Seo DW. Intractable Epilepsy with Solitary Cerebral Calcification. *J Epilepsy Res.* 2017 Dec 31;7(2):126-128. doi: 10.14581/jer.17021. eCollection 2017 Dec.

### **Invited lectures (recent and near future) to International Congress and other countries**

- 1) Plenary lecturer “Neuroimaging in Sleep Disorders” of 1 hour at the Congress of World Sleep 2011 (October 16 to 20, 2011) in Kyoto, Japan
- 2) Special lecturer at Tokai Sleep Congress in Nagoya, Japan on Jan. 29, 2011
- 3) Plenary lecturer at the Annual Meeting of Hong Kong Society of Sleep Medicine on November 13, 2010, in Hong Kong
- 4) Invited speaker in Sleep Grand Round at Cleveland Clinic Sleep Disorders Center on Oct. 28, 2010 in Cleveland, Ohio, USA
- 5) Invited speaker in Epilepsy Grand Round at Cleveland Clinic Epilepsy Center on Oct. 22, 2010 in Cleveland, Ohio, USA
- 6) Invited speaker in Epilepsy Grand Round at the University Hospitals Case Medical Center on Oct. 18, 2010 in Cleveland, Ohio, USA
- 7) Invited speaker in the Expert Workshop on Preictal Phenomena at St Catherine’s College, Oxford, UK on 23-24 September, 2010
- 8) Invited speaker at Asian Sleep Research Society 2009 in Osaka, Japan on Oct. 24-27, 2009
- 9) Invited speaker at the ASRS Summit and Symposium on Sleep Research and Medicine in Okinawa, Japan on Oct. 30 - Nov. 1, 2009
- 10) Invited speaker and chair in World Congress on Sleep Apnea 2009 in Seoul, Korea on

March 25-28, 2009

- 11) Invited speaker in 7<sup>th</sup> Asian & Oceanian Epilepsy Congress at Xiamen, China on 15<sup>th</sup>-18<sup>th</sup> May, 2008
- 12) Invited speaker in the 1<sup>st</sup> Asian Epilepsy Surgery Congress in Seoul, Korea on June 1-2, 2007
- 13) Invited speaker in 6<sup>th</sup> Asian & Oceanian Epilepsy Congress at Kuala Lumpur, Malaysia on 16 – 19 November 2006
- 14) Invited speaker to 4th Asian Narcolepsy Forum in Taipei, Taiwan on March 5-6, 2011

Oral and poster presentations in International Congress: many