

CURRICULUM VITAE

January 7th, 2019

FULL NAME: Nobukazu Nakasato

DATE and PLACE of BIRTH: July 27, 1959, Rikuzen-takata, Iwate, Japan

CURRENT POSITION:

Professor and Chair, Department of Epileptology, Tohoku University Graduate School of Medicine;

Professor and Chair, Department of Electromagnetic Neurophysiology, Tohoku University Graduate School of Medicine;

Associate Dean (Head of Disability Sciences Course), Tohoku University Graduate School of Medicine; and

Director, Tohoku University Hospital Epilepsy Center

OFFICE ADDRESS:

Mail: 2-1 Seiryomachi, Aoba-ku, Sendai 980-8575, Japan

Website: www.med.tohoku.ac.jp/english/org/disability/63/www.epilepsy.med.tohoku.ac.jp/

EDUCATION AND TRAINING:

1984 M.D., Tohoku University School of Medicine, Sendai, Japan

1993 Ph.D., Tohoku University, Sendai, Japan

1984-88: Resident (Neurosurgery), Tohoku University School of Medicine, Sendai, Japan

RESEARCH AND PROFESSIONAL EXPERIENCE:

1987-1988: Visiting Researcher, Biomagnetometry Section, National Electrotechnical Laboratory, Tsukuba, Japan

1988-1991: Assistant Professor, Department of Neurosurgery, Tohoku University School of Medicine, Sendai, Japan

1989-1991: Visiting Research, Reed Neuromagnetometry Laboratory and Division of Neurosurgery, University of California, Los Angeles

1992-1998: Head, MEG and Brain Mapping Project, Department of Neurosurgery, Kohnan Hospital and Tohoku University School of Medicine, Sendai, Japan

1996-2008: Assistant Professor, Department of Neurosurgery, Tohoku University School of Medicine

1998-2010: Head, Epilepsy and Brain Mapping Project, Department of Neurosurgery, Kohnan Hospital and Tohoku University School of Medicine

2008-2010: Vice President, Kohnan Hospital; and Associate Professor, Department of Neurosurgery, Tohoku University School of Medicine

2010-present: Professor and Chair, Department of Epileptology, Tohoku University School of Medicine, Sendai, Japan
2010-2017.1: Professor and Chair, Department of Electromagnetic Neurophysiology, Institute of Development, Aging and Cancer, Tohoku University, Sendai, Japan
2017.2-present: Professor and Chair, Department of Electromagnetic Neurophysiology, Tohoku University School of Medicine, Sendai, Japan
2012-present: Special Adviser to President, Tohoku University Hospital
2015-present: Director, Tohoku University Hospital Epilepsy Center
2017-present: Associate Dean, Tohoku University Graduate School of Medicine

LICENSE AND BOARD CERTIFICATIONS:

Medical Doctor License, 1984
Board Certification, Japan Neurosurgical Society, 1993
Board Certification, Japan Epilepsy Society, 1999
Board Certification, Japan Clinical Neurophysiology Society, 2006

MEMBERSHIP OF SCIENTIFIC SOCIETIES:

International Society for the Advancement of Clinical Magnetoencephalography (ISACM)
Founder and the 1st President (2006-2008)- and the 6th (2017-2019) President
International League Against Epilepsy (ILAE)
Member of the ILAE Task Force on Guidelines Commission (2012-2015)
Member of the ILAE Task Force on Classification Commission (2013-2017)
International Federation of Clinical Neurophysiology (IFCN)
Editorial Board Member, Clinical Neurophysiology (2015-2018)
American Clinical Neurophysiology Society: Member
Japan Biomagnetism and Biomagnetics Society:
Vice President (2009-2015)
Executive Board Member (2003-present)
President of Annual Meeting (2017)
Japan Epilepsy Society (JES)
Vice President (2015-2017)
Board Member (2013-present)
President, Tohoku Branch (2013-2018)
Academic Committee Member (2001-present)
Chief of Headquarters, "3.11 Disaster" Countermeasures Office (2011-present)
Secretary General, Tohoku Branch (2006-2012)
Japan Epilepsy Center Association (JEPICA)
Chair, Executive Board (2015-present)
Board Member (2013-present)
Chair, Ethical Committee (2013-present)
Japan Epilepsy Surgery Society
Board Member (2009-present)
Vice President (2015-2017)
President, Tohoku Branch (2012-2018)
Japan Neurosurgical Society:
Member, Special Committee of Brain Death and Organ Transplantation (1999-)

Japanese Congress of Neurological Surgeons
Review Committee Member (2005-present)

Japan Society of Medical Electronics and Biological Engineering:
Editorial Board Member, Transactions of the Japanese Society for Medical and Biological Engineering (1999-present)
Delegate member (2013-present)

Japan Society of Clinical Neurophysiology:
Board Member (2013-present)
Academic Committee Member (1997-present)
Editorial Board Member, Japanese Journal of Clinical Neurophysiology (2003-present)
MEG Committee Chair (2011-2014)
Reimbursement Committee Member (2006-present)
Ethical Committee Member (2014-present)

Japanese Society for Brain Electromagnetic Topography:
Academic Committee Member (2005-present)

Japan Human Brain Mapping Society
Academic Committee Member (2012-present)

Tohoku Epilepsy Forum:
Board Chair (2010-present)

Tohoku Society of Comprehensive Epilepsy Program:
Board Chair (2011-present)

ORGANIZATION OF SCIENTIFIC CONFERENCES:

Secretary General, 10th Japanese Conference on Biomagnetism, May 27-28, 1995, Sendai, Japan
Secretary General, 11th International Conference on Biomagnetism, August 28 - September 2, 1998, Sendai, Japan
Co-chair, ISACM 2007 (1st Meeting of the International Society for the Advancement of Clinical Magnetoencephalography), August 27-30, 2007, Matsushima, Japan
Co-chair, ISACM 2009, September 3-5, Athens, Greece.
Chair: 27th Meeting, Japan Society of Brain Electromagnetic Topography, November 18-19, 2010, Matsushima, Japan
President: Annual Meeting of Japan Epilepsy Surgery Society, January 15-16, 2015
Vice President: Annual Meeting of the Japanese Telemedicine and Telecare Association, October 9-10, 2015, Sendai, Japan
President: Japan Epilepsy Rehabilitation Meeting, November 14, 2015
President: Annual Meeting of Japan Epilepsy Center Association, January 9-10, 2016
President: ISACM 2017 (6th Meeting of the International Society for the Advancement of Clinical Magnetoencephalography), May 22-24, 2017, Sendai, Japan
President: Annual Meeting of the Japan Biomagnetism and Biomagnetics Society, May 22-24, 2017, Sendai, Japan
President: Annual Meeting of the JSBET 2017 (Japanese Society for Brain Electromagnetic Topography), May 22-24, 2017, Sendai, Japan
Appointed for President of Annual Meeting of Japan Epilepsy Society, Tohoku Branch (2020)
Appointed for President of Annual Meeting of Japan Society of Clinical Neurophysiology (2021)
Appointed for President of Annual Meeting of Japan Epilepsy Society (2022)

SCIENTIFIC PUBLICATIONS:

ORIGINAL ARTICLES

- Usui N, Akamatsu N, Nakasato N, Ohnishi A, Kaneko S, Hiramatsu H, Saeki K, Miyagishi H, Inoue Y: Long-term tolerability, safety and efficacy of adjunctive perampanel in the open-label, dose-ascending Study 231 and extension Study 233 in Japanese patients with epilepsy. *Seizure* 62:26-32, 2018 (doi: 10.1016/j.seizure.2018.09.012)
- Hari R, Baillet S, Barnes G, Forss N, Gross J, Hämäläinen M, Jensen O, Kakigi R, Mauguière F, Nakasato N, Puce A, Romani GL, Schnitzler A, Taulu S: Reply to "Clinical practice guidelines or clinical research guidelines?". *Clin Neurophysiol* 129: 2056-2057, 2018 (DOI: 10.1016/j.clinph.2018.06.016)
- Kakisaka Y, Jin K, Fujikawa M, Kitazawa Y, Nakasato N: Teleconference-based education of epileptic seizure semiology. *Epilepsy Res* 145: 73-76, 2018 (DOI: 10.1016/j.epilepsyres.2018.06.007)
- Kitazawa Y, Jin K, Kakisaka Y, Fujikawa M, Tanaka F, Nakasato N: Predictive factors of higher drug load for seizure freedom in idiopathic generalized epilepsy: Comparison between juvenile myoclonic epilepsy and other types. *Epilepsy Res* 144: 20-24, 2018 (DOI: 10.1016/j.epilepsyres.2018.04.009)
- Hari R, Baillet S, Barnes G, Burgess R, Forss N, Gross J, Hämäläinen M, Jensen O, Kakigi R, Mauguière F, Nakasato N, Puce A, Romani GL, Schnitzler A, Taulu S: IFCN-endorsed practical guidelines for clinical magnetoencephalography (MEG). *Clin Neurophysiol* 129: 1720-1747, 2018 (<https://doi.org/10.1016/j.clinph.2018.03.042>)
- Iwaki H, Jin K, Fujikawa M, Nakasato N, Kaneko S: Topiramate-induced weight loss depends on level of intellectual disability in patients with epilepsy. *Epilepsy Behav* 83: 87-91, 2018 (DOI: 10.1016/j.yebeh.2018.03.010)
- Fujiwara K, Oogane M, Kanno A, Imada M, Jono J, Terauchi T, Okuno T, Aritomi Y, Morikawa M, Tsuchida M, Nakasato N, Ando Y: Magnetocardiography and magnetoencephalography measurements at room temperature using tunnel magneto-resistance. *Applied Physics Express* 11, 023001, 2018 (<https://doi.org/10.7567/APEX.11.023001>)
- Kato K, Kakisaka Y, Jin K, Fujikawa M, Nakamura M, Suzuki N, Kondo M, Fukuda K, Shimokawa H, Nakasato N: Stressful medical explanation may cause syncope in patients with emotion-triggered neurocardiogenic syncope. *Pacing Clin Electrophysiol* 41(1): 96-98, 2018 (doi: 10.1111/pace.13199, PMID: 28925543)
- Yahata I, Kawase T, Kanno A, Hidaka H, Sakamoto S, Nakasato N, Kawashima R, Katori Y: Effects of visual speech on early auditory evoked fields - From the viewpoint of individual variance. *PLoS One* 31:12(1):e0170166, 2017 (doi: 10.1371/journal.pone.0170166, PMID: 28141836)
- Kakisaka Y, Jin K, Fujikawa M, Kitazawa Y, Kato K, Nakasato N: Levetiracetam improves symptoms of multiple chemical sensitivity: Case report. *J Med Invest* 64: 296-298, 2017 (doi: 10.2152/jmi.64.296, PMID: 28955000)
- Hihara H, Kanetaka H, Kanno A, Koeda S, Nakasato N, Kawashima R, Sasaki K: Evaluating age-related change in lip somatosensation using somatosensory evoked magnetic fields. *PLoS One* 12(6): e0179323, 2017 (doi: 10.1371/journal.pone.0179323, PMID: 28617862)
- Kawase T, Yahata I, Kanno A, Sakamoto S, Takanashi Y, Takata S, Nakasato N, Kawashima R, Katori Y: Impact of audio-visual asynchrony on lip-reading effects -neuromagnetic and psychophysical study. *PLoS One* 28: 11:e0168740, 2016 (doi: 10.1371/journal.pone.0168740, PMID: 28030631)
- Takezawa Y, Kakisaka Y, Wakusawa K, Ishitobi M, Hino-Fukuyo N, Inui T, Endo W, Anzai M, Nakasato N, Haginoya K: The efficacy of lamotrigine for atypical absence status epilepticus

in a case of perioral myoclonia with absence. *Epilepsy & Seizure (J Jpn Ep Soc)* 8(1): 1-8, 2016

- Takahashi Y, Iwasaki M, Nakagawa A, Sato S, Nakasato N, Tominaga T: Predicting tissue breaking strengths in the epileptic brain with T2 relaxometry: Application of pulsed water jet dissection system for epilepsy surgery. *J Neurol Surg A Cent Eur Neurosurg* 2016 [Epub ahead of print] (DOI: 10.1055/s-0036-1593959, PMID: 27903016)
- Nakamura M, Jin K, Kato K, Itabashi H, Iwasaki M, Kakisaka Y, Nakasato N: Differences in sleep architecture between left and right temporal lobe epilepsy. *Neurol Sci* 2016 [Epub ahead of print] (DOI: 10.1007/s10072-016-2731-6, PMID: 27761840)
- Iwasaki M, Jin K, Nakasato N, Tominaga T: Non-invasive Evaluation for Epilepsy Surgery. *Neurol Med Chir (Tokyo)* 56: 632-640, 2016 (DOI: 10.2176/nmc.ra.2016-0186, PMID: 27627857)
- Fujikawa M, Nishio Y, Kakisaka Y, Ogawa N, Iwasaki M, Nakasato N: Fantastic confabulation in right frontal lobe epilepsy. *Epilepsy Behav Case Rep* 6:55-57, 2016 (PMID: 27630818)
- Sato S, Iwasaki M, Suzuki H, Mugikura S, Jin K, Tominaga T, Takase K, Takahashi S, Nakasato N: T2 relaxometry improves detection of non-sclerotic epileptogenic hippocampus. *Epilepsy Res* 126: 1-9 2016 (doi: 10.1016/j.eplepsyres.2016.06.001, PMID: 27400070)
- Khalil AF, Iwasaki M, Nishio Y, Jin K, Nakasato N, Tominaga T: Verbal dominant memory impairment and low risk for post-operative memory worsening in both left and right temporal lobe epilepsy associated with hippocampal sclerosis: *Neurol Med Chir (Tokyo)* [Epub ahead of print], 2016 (DOI: 10.2176/nmc.oa.2016-0004, PMID: 27250575)
- Kakisaka Y, Sato S, Takayanagi M, Nakasato N: Epilepsy case with focal cerebral herniation into the sigmoid sinus. *Neurol Sci* 37: 487-488, 2016 (PMID: 26670592)
- Jin K, Nakasato N: Rhythmic and periodic EEG patterns of 'ictal-interictal uncertainty': Red flag to switch from routine to continuous EEG monitoring. *Clin Neurophysiol* 127: 993, 2016 (PMID: 26652113)
- Jin K, Nakasato N: Ictal pattern on scalp EEG at onset of seizure in temporal lobe epilepsy: Old and new problems for epileptologists. *Clin Neurophysiol* 127: 987-988, 2016 (PMID: 26304794)
- Sakuraba R, Iwasaki M, Okumura E, Jin K, Kakisaka Y, Kato K, Tominaga T, Nakasato N: High frequency oscillations are less frequent but more specific to epileptogenicity during rapid eye movement sleep. *Clin Neurophysiol* 127: 179-186, 2016 (PMID: 26073183)
- Iwasaki M, Uematsu M, Hino-Fukuyo N, Osawa SI, Shimoda Y, Jin K, Nakasato N, Tominaga T: Clinical profiles for seizure remission and developmental gains after total corpus callosotomy. *Brain Dev* 38: 47-53, 2016 (DOI: 10.1016/j.braindev.2015.04.010, PMID: 25958823)
- Sauro KM, Wiebe S, Dunkley C, Janszky J, Kumlien E, Moshe S, Nakasato N, Pedley TA, Perucca E, Senties H, Thomas SV, Wang Y, Wilmshurst J, Jette N: The current state of epilepsy guidelines: A systematic review. *Epilepsia* 57:13-23, 2016 (doi: 10.1111/epi.13273, PMID: 26659723)
- Eldin SS, Iwasaki M, Nishio Y, Jin K, Nakasato N, Tominaga T: Resection of focal cortical dysplasia located in the upper pre-central gyrus. *Epileptic Disord* 17: 479-84, 2015 (doi: 10.1684/epd.2015.0771, PMID: 26575264)
- Iwasaki M, Uematsu M, Osawa S, Shimoda Y, Jin K, Nakasato N, Tominaga T: Interhemispheric vertical hemispherotomy: a single center experience. *Pediatr Neurosurg* 50: 295-300, 2015 (DOI: 10.1159/000437145, PMID: 26277842)
- Osawa SI, Iwasaki M, Suzuki H, Nakasato N, Tominaga T: Occult dual pathology in mesial temporal lobe epilepsy. *Neurol Sci* 36:1743-1745, 2015 (PMID: 26024729)
- Fujikawa M, Kishimoto Y, Kakisaka Y, Jin K, Kato K, Iwasaki M, Nakasato N: Obsessive-compulsive behavior induced by levetiracetam. *J Child Neurol* 30: 942-944, 2015 (PMID: 25008911)

- Kakisaka Y, Jin K, Kato K, Iwasaki M, Nakasato N: Seizure freedom after lamotrigine rash: a peculiar phenomenon in epilepsy. *Int Med* 53: 2521-2522, 2014 (PMID: 25366014)
- Kato K, Jin K, Itabashi H, Iwasaki M, Kakisaka Y, Aoki M, Nakasato N: Earlier tachycardia onset in right than left mesial temporal lobe seizures. *Neurology* 83: 1232-1236, 2014 (PMID: 25194011)
- Usubuchi H, Kawase T, Kanno A, Yahata I, Miyazaki H, Nakasato N, Kawashima R, Katori Y: Effects of contralateral noise on the 20-Hz auditory steady state response - magnetoencephalography study. *PLoS ONE* 9(6): e99457, 2014
- Itabashi H, Jin K, Iwasaki M, Okumura E, Kanno A, Kato K, Tominaga T, Kawashima R, Nakasato N: Electro- and magneto-encephalographic spike source localization of small focal cortical dysplasia in the dorsal peri-rolandic region. *Clin Neurophysiol* 125: 2358-2363, 2014 (PMID: 24856458)
- Jin K, Nakasato N: Long-cherished dreams for epileptologists and clinical neurophysiologists: Automatic seizure detection in long-term scalp EEG. *Clin Neurophysiol* 125:1289-1290, 2014 (PMID: 24439072)
- Kakisaka Y, Fujikawa M, Kaneko S, Nakasato N: Prolonged depersonalization/derealization-like symptom after migraine headache: a case report. *Neurol Sci* 35: 1483-1484, 2014 (PMID: 24752392)
- Haginoya K, Uematsu M, Munakata M, Kakisaka Y, Kikuchi A, Nakayama T, Hino-Fukuyo N, Tsuburaya R, Kitamura T, Sato-Shirai I, Abe Y, Matsumoto Y, Wakusawa K, Kobayashi T, Ishitobi M, Togashi N, Iwasaki M, Nakasato N, Iinuma K: The usefulness of subtraction ictal SPECT and ictal near-infrared spectroscopic topography in patients with West syndrome. *Brain Dev* 35: 887-893, 2013
- Kawase T, Kanno A, Takata Y, Nakasato N, Kawashima R, Kobayashi T: Positive auditory cortical responses in patients with absent brainstem response. *Clin Neurophysiol*. 125: 148-153, 2014
- Kumabe T, Sato K, Iwasaki M, Shibahara I, Kawaguchi T, Saito R, Kanamori M, Yamashita Y, Sonoda Y, Iizuka O, Suzuki K, Nagamatsu K, Seki S, Nakasato N, Tominaga T. Summary of 15 years experience of awake surgeries for neuroepithelial tumors in Tohoku university. *Neurol Med Chir (Tokyo)*. 53: 455-466, 2013
- Okumura E, Iwasaki M, Sakuraba R, Itabashi I, Osawa SI, Jin K, Itabashi H, Kato K, Kanno A, Tominaga T, Nakasato N: Time-varying inter-hemispheric coherence during corpus callosotomy. *Clin Neurophysiol* 124: 2091-2100, 2013 (PMID:23756060)
- Osawa S, Iwasaki M, Hosaka R, Matsuzaka Y, Tomita H, Ishizuka T, Sugano E, Okumura E, Yawo H, Nakasato N, Tominaga T, Mushiaki H: Optogenetically induced seizure and the longitudinal hippocampal network dynamics. *PLoS One*. 10;8(4):e60928, 2013
- Shiraishi H, Haginoya K, Nakagawa E, Saitoh S, Kaneko Y, Nakasato N, Chan D, Otsubo H: Magnetoencephalography localizing spike sources of atypical benign partial epilepsy. *Brain Dev* 36:21-27, 2014 (PMID: 23384398)
- Iwasaki, M, Uematsu M, Nakayama T, Hino-Fukuyo N, Sato Y, Kobayashi T, Haginoya K, Osawa S, Jin K, Nakasato N, Tominaga T: Parental satisfaction and seizure outcome after corpus callosotomy in patients with infantile or early childhood onset epilepsy. *Seizure*. 22:303-305, 2013
- Shibahara I, Osawa SI, Kon H, Morita T, Nakasato N, Tominaga T, Narita N: Increase in the number of patients with seizures following the Great East-Japan Earthquake. *Epilepsia* 54: e49-52, 2013
- Nakasato N: Does measurement of event-related gamma-augmentation replace electrical stimulation via intracranial electrodes? *Clin Neurophysiol* 124: 829-830, 2013

- Iwasaki M, Uematsu M, Sato Y, Nakayama T, Haginoya K, Osawa S, Itabashi H, Jin K, Nakasato N, Tominaga T: Complete remission of seizures after corpus callosotomy. *J Neurosurg Pediatr* 10: 7-13, 2012
- Tanji K, Iwasaki M, Nakasato N, Suzuki K: Face specific broadband electrocorticographic spectral power change in the rhinal cortex. *Neurosci Lett* 515: 66-70, 2012
- Takata Y, Kawase T, Nakasato N, Kanno A, Kobayashi T: Auditory evoked magnetic fields in patients with absent brainstem responses due to auditory neuropathy with optic atrophy. *Clin Neurophysiol* 123: 985-992, 2012
- Park HM, Nakasato N, Tominaga T: Localization of abnormal discharges causing insular epilepsy by magnetoencephalography. *Tohoku J Exp Med* 226: 207-211, 2012
- Kawase T, Maki A, Kanno A, Nakasato N, Sato M, Kobayashi T: Contralateral white noise attenuates 40-Hz auditory steady-state fields but not N100m in auditory evoked fields. *Neuroimage* 59: 1037-1042, 2012
- Izumi S, Oouchida Y, Okita T, Suzuki E, Abe T, Nagatomi R, Nakasato N, Takagi T: Development of an integration circuit to measure pulsed magnetic field: evaluation of its usefulness by comparing measured with theoretical magnetic field structure. *Jpn J Compr Rehabil Sci* 3: 42-50, 2012
- Iwasaki M, Nakasato N, Kakisaka Y, Kanno A, Uematsu M, Haginoya K, Tominaga T: Lateralization of interictal spikes after corpus callosotomy. *Clin Neurophysiol*. 122: 2121-2127, 2011
- Takada S, Iwasaki M, Suzuki H, Nakasato N, Kumabe T, Tominaga T: Angiocentric glioma and surrounding cortical dysplasia manifesting as intractable frontal lobe epilepsy--case report. *Neurol Med Chir (Tokyo)*. 51: 522-526, 2011
- Kakisaka Y, Iwasaki M, Haginoya K, Kanno A, Tsuchiya S, Nakasato N: Somatotopic distribution of peri-rolandic spikes may predict prognosis in pediatric-onset epilepsy with sensorimotor seizures. *Clin Neurophysiol*. 122: 869-873, 2011
- Nakasato N: Point-to-point projection from muscle afferent to area 4 cortex. *Clin Neurophysiol* 122: 438-439, 2011
- Uematsu M, Haginoya K, Togashi N, Hino-Fukuyo N, Nakayama T, Kikuchi A, Abe Y, Wakusawa K, Matsumoto Y, Kakisaka Y, Kobayashi T, Hirose M, Yokoyama H, Inuma K, Iwasaki M, Nakasato N, Kaneta T, Akasaka M, Kamei A, Tsuchiya S: Unique discrepancy between cerebral blood flow and glucose metabolism in hemimegalencephaly. *Epilepsy Res* 92: 201-208, 2010
- Takeda H, Maruyama S, Yambe T, Nakasato N, Komiyama A: Brain mapping method utilizing rapid cooling probe. *I J Trans Phenomena* 11: 147-163, 2009
- Yoshizaki N, Kawase T, Nakasato N, Kanno A, Okitsu T, Sunose H, Kobayashi T: Auditory evoked magnetic fields in children with functional hearing loss. *Int J Ped Otorhinolaryng* 73: 1368-1372, 2009
- Ohtomo S, Nakasato N, Shimizu H, Seki S, Kanno A, Kumabe T, Tominaga T: Temporo-parietal theta activity correlates with misery perfusion in arterial occlusive disease. *Clin Neurophysiol* 120: 1227-1234, 2009
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- Kakisaka Y, Nakasato N, Haginoya K, Kanno A, Tsuchiya S: Sensorimotor seizures of pediatric onset with unusual posteriorly oriented rolandic spikes. *Epilepsy Res* 84: 153-158, 2009

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- Salayev KA, Nakasato N, Ishitobi M, Shamoto H, Kanno A, Tominaga T, Iinuma K: Evaluation of interhemispheric time difference by magnetoencephalography before and after total callosotomy: report of two cases. *Neurol Med Chir* 46: 136-142, 2006
- Murayama S, Nakasato N, Nakahara H, Kanno A, Itoh H: Neuromagnetic evidence that gingiva area is adjacent to tongue area in human primary somatosensory cortex. *Tohoku J Exp Med*, in press
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- Ishitobi M, Nakasato N, Yamamoto K, Iinuma K: Opercular to interhemispheric source distribution of benign rolandic spikes of childhood. *NeuroImage* 25: 417-423, 2005
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- Kumabe T, Nakasato N, Nagamatsu K, Tominaga T: Intraoperative localization of the lip sensory area by somatosensory evoked potentials-technical note- *J Clin Neurosci* 12: 66-70, 2005
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- Park HM, Nakasato N, Iwasaki M, Shamoto H, Tominaga T, Yoshimoto T: Comparison of magnetoencephalographic spikes with and without concurrent electroencephalographic spikes in extratemporal epilepsy. *Tohoku J Exp Med* 203: 165-174, 2004
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- Nakasato N, et al: Functional reorganization in cerebral cortex with brain tumors revealed by MEG and fMRI. 5th International Conference on Functional Mapping of the Human Brain June 23-26, 1999, Duesseldorf (Presidential Symposium)
- Nakasato N: Anatomic-functional correspondence in hand sensori-motor cortices revealed by MEG, fMRI and intraoperative cortical stimulation, XI International Congress of EMG and Clinical Neurophysiology, September 7 - 11, 1999, Prague (Symposium)
- Nakasato N: Neuromagnetic Evaluation of intractable epilepsy. 2nd Congress of Asian & Oceanian Epilepsy Organization. November 5-8, 1998, Taipei (Symposium)
- Nakasato N, Inoue T, Takahashi A, Kanno A, Hatanaka K, Shimizu H, Kumabe T, Yoshimoto T: Combination of magnetoencephalography (MEG) and functional magnetic resonance imaging (fMRI) for neurosurgical mapping of the sensory and motor cortices. 20th Annual International Conference of the IEEE Engineering in Medicine and Biology Society. October 29 - November 1, 1998, Hong Kong (Symposium)
- Nakasato N, Kanno A, Hatanaka K, Ohtomo S, Inoue T, Shimizu H, Kumabe T, Sato K, Yoshimoto T: MEG, fMRI and intraoperative cortical stimulation for neurosurgical brain mapping. 11th International Conference on Biomagnetism, August 28 - September 2, 1998, Sendai (Symposium)
- Nakasato N: Magnetophysiology and Electrophysiology in Clinical Neuroscience. Advanced Biomagnetism in Biomedical Engineering and Neuroscience (Satellite Symposium on Biomag98), August 27, 1998, Tokyo (Symposium)
- Nakasato N: Functional brain mapping using MEG and awake surgery. Seminar in Neurosurgery, Tooolo Hospital, Helsinki University, October 30, 1997, Helsinki
- Nakasato N: Experience in magnetic source imaging (MSI) in neurosurgical planning. Seminar in Biomagnetism Laboratory, Helsinki University Central Hospital, October 28, 1997, Helsinki
- Nakasato N, Ohtomo S, Kanno A, Hatanaka K, Seki K, Kawamura T, Kumabe T, Takahashi A, Jokura H, Mizoi K, Yoshimoto T: Presurgical functional mapping of the eloquent cortices using an MRI-linked Whole-head MEG system. Second Congress of the International Society for Neurosurgical Instrument Inventors, July 3-5, 1997, Berlin (Special Lecture)
- Nakasato N, Kumabe T, Kanno A, Ohtomo S, Mizoi K, Yoshimoto T: Cortical auditory function in cases with temporal lobe tumors evaluated by an MRI-linked whole head MEG system. Third Pan-Pacific Conference on Brain Topography, April 1-4, 1997, Urayasu (Symposium)
- Nakasato N, Shirane R, Hatanaka K, Kanno A, Takahashi A, Yoshimoto T: Neuromagnetic evaluation of pediatric brain diseases: Japanese and Canadian International Workshop: Development of Synaptic Transmission in Mental Retardation, March 6-7, 1997, Tokyo (Symposium)
- Nakasato N, Yoshimoto T: Clinical application of auditory evoked magnetic fields. International Symposium on Brain Mapping, September 13-15, 1996, Oiso (Symposium)
- Nakasato N: Presurgical localization of eloquent cortices using an MRI-linked whole head MEG system. Tenth International Conference on Biomagnetism, February 16-21, 1996, Santa Fe, New Mexico (Symposium)

- Nakasato N: MRI-linked whole head MEG system and presurgical decision making. The Tenth Tokyo Institute of Psychiatry International Symposium on "Visualization of Information Processing in the Human Brain: Recent Advances in MEG and Functional MRI", October 12-13, 1995, Tokyo (Symposium)
- Nakasato N, Seki K, Kanno A, Kawamura T, Ohtomo S, Fujita S, Hatanaka K, Yoshimoto T: Comparison of MEG- and EEG-map patterns by two occipital sources in visual evoked responses for full field stimuli. The 6th International Congress of the International Society for Brain Electromagnetic Topography (ISBET), October 10-12, 1995, Tokushima (Symposium).
- Nakasato N: Clinical applications of a MRI-linked whole head MEG system. Seminar on Magnetic Source Imaging (MEG), University of British Columbia, Department of Radiology, Dec 15, 1994, Vancouver
- Nakasato N: The whole head MEG: focal or extended cortical sources?, Seminar in Department of Neurology, Montreal Neurological Institute, December 12, 1994, Montreal
- Nakasato N: Presurgical functional brain mapping using a MRI-linked whole head MEG system. Neurosurgical Grand Round, Montreal Neurological Institute, December 12, 1994, Montreal
- Nakasato N, Seki K, Kawamura K, Shimizu H, Fujiwara S, Yoshimoto T: Functional brain mapping using a MRI-linked whole head magnetoencephalography (MEG) system. The Fifth International Evoked Potentials Symposium, September 4-7, 1994, Milan (Symposium)
- Nakasato N: Clinical application of magnetoencephalography (MEG). Joint Symposium of Tohoku University Medical School and Asan Medical Center. Nov 18, 1993, Seoul (Symposium)
- Nakasato N, Fujita S, Tamura I, Fujiwara S, Yoshimoto T: The whole head magnetoencephalography revealed functional asymmetry of human auditory evoked cortical response. 9th International Conference on Biomagnetism, Aug 14-20, 1993, Vienna (Symposium)

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