

CURRICULUM VITAE

April 1st, 2015

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; and
Department of Electromagnetic Neurophysiology, Institute of Development, Aging and Cancer,
Tohoku University

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 Chairperson, Department of Epileptology, Tohoku University School
of Medicine; and Department of Electromagnetic Neurophysiology, Institute of
Development, Aging and Cancer, Tohoku University, Sendai, Japan

2012-present: Special Adviser to President, Tohoku University Hospital

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)

Ex- and First-President (2006-2008) and President-Elect (2017-2019)

International League Against Epilepsy (ILAE)

Member of the ILAE Task Force on Guidelines Commission (2012-present)

Member of the ILAE Task Force on Classification Commission (2013-present)

International Federation of Clinical Neurophysiology (IFCN)

Editorial Board Member, Clinical Neurophysiology (2015-2018)

American Clinical Neurophysiology Society

Japan Biomagnetism and Biomagnetics Society:

Vice President (2009-present)

Executive Board Member (2003-present)

Japan Epilepsy Society (JES)

Board Member (2013-present)

President, Tohoku Branch (2013-present)

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)

Board Member (2013-present)

Chair, Executive Board (2015-2017)

Japan Epilepsy Surgery Society

Board Member (2009-present)

Japan Neurosurgical Society:

Member, Special Committee of Brain Death and Organ Transplantation (1999-present)

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-present)

Reimbursement Committee Member (2006-present)

Japanese Society for Brain Electromagnetic Topography

Academic Committee Member (2006-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

President: Japan Epilepsy Rehabilitation Meeting, November 14, 2015

Chair-elect: Annual Meeting of Japan Epilepsy Center Association, January 9-10, 2016

Chair-elect: ISACM 2017 (6th Meeting of the International Society for the Advancement of Clinical Magnetoencephalography), May 22-24, 2017, Sendai, Japan

SCIENTIFIC PUBLICATIONS:

ORIGINAL ARTICLES

- 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)
- Fujikawa M, Kishimoto Y, Kakisaka Y, Jin K, Kato K, Iwasaki M, Nakasato N: Obsessive-compulsive behavior induced by levetiracetam. *J Child Neurol*, 2014 [Epub ahead of print] (PMID: 25008911)
- 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, Mushiake 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, Iinuma 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, Komiya 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
- Matsushita M, Nakasato N, Nakagawa H, Kanno A, Kaiho Y, Kawamorita N, Arai Y: Evoked magnetic fields as a possible optimization tool of sacral surface therapeutic stimulation. *J Clin Neurosci* 16: 1330-1333, 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
- Matsushita M, Nakasato N, Nakagawa H, Kanno A, Kaiho Y, Arai Y: Primary somatosensory evoked magnetic fields elicited by sacral surface electrical stimulation. *Neurosci Lett* 431: 77-80, 2008
- Jin K, Nakasato N, Shamoto H, Kanno A, Itoyama Y, Tominaga T: Neuromagnetic localization of spike sources in perilesional, contralateral mirror, and ipsilateral remote areas in patients with cavernoma. *Epilepsia* 48: 2160-2166, 2007
- Salayev KA, Nakasato N, Ishitobi M, Shamoto H, Kanno A, Iinuma K: Spike orientation may predict epileptogenic side across cerebral sulci containing the estimated equivalent dipole. *Clin Neurophysiol* 117: 1836-1843, 2006
- 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
- Sasaki T, Kawase T, Nakasato N, Kanno A, Ogura M, Tominaga T, Kobayashi T: Neuromagnetic evaluation of binaural unmasking. *NeuroImage* 25: 684-689, 2005
- Tanji K, Suzuki K, Delorme A, Shamoto H, Nakasato N: High-frequency gamma band activity in the basal temporal cortex during picture naming and lexical decision tasks. *J Neurosci* 25: 3287-3293, 2005
- Ishitobi M, Nakasato N, Yamamoto K, Iinuma K: Opercular to interhemispheric source distribution of benign rolandic spikes of childhood. *NeuroImage* 25: 417-423, 2005
- Seki S, Nakasato N, Ohtomo S, Kanno A, Shimizu H, Tominaga T: Neuromagnetic measurement of unilateral temporo-parietal theta rhythm in patients with internal carotid artery occlusive disease. *NeuroImage* 25: 502-510, 2005
- Iwasaki M, Pestana E, Burgess RC, Luders HO, Shamoto H, Nakasato N: Detection of epileptiform activity by human interpreters: blinded comparison between electroencephalography and magnetoencephalography. *Epilepsia* 46: 59-68, 2005
- 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
- Ishitobi M, Nakasato N, Yoshimoto T, Iinuma K: Abnormal primary somatosensory function in unilateral polymicrogyria: an MEG study. *Brain Dev* 27: 22-29, 2005
- Kanno A, Nakasato N, Nagamine Y, Tominaga T: Non-transcallosal ipsilateral area 3b responses to median nerve stimulus. *J Clin Neurosci* 11: 868-871, 2004
- Inoue T, Fujimura M, Kumabe T, Nakasato N, Higano S, Tominaga T: Combined three-dimensional anisotropy contrast imaging and magnetoencephalography guidance to preserve visual function in a patient with an occipital lobe tumor. *Minim Invasive Neurosurg*, 7:249-252, 2004
- Hashimoto I, Kakigi R, Nagamine T, Nakasato N, Shiraishi H, Watanabe Y: Draft guideline for clinical application of magnetoencephalography. *Jpn J Clin Neurophysiol* 32(4): suppl 21-43, 2004
- Yu HY, Nakasato N, Iwasaki M, Shamoto H, Nagamatsu K, Yoshimoto T: Neuromagnetic separation of secondarily bilateral synchronized spike foci: report of three cases. *J Clin Neurosci* 11: 644-648, 2004

- 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
- Nakahara H, Nakasato N, Kanno A, Murayama S, Hatanaka K, Itoh H, Yoshimoto T: Somatosensory evoked fields for gingiva, lip and tongue. *J Dent Res* 83:307-311, 2004
- Iwasaki M, Nakasato N, Shamoto H, Yoshimoto T: Focal magnetoencephalographic spikes in the superior temporal plane undetected by scalp EEG. *J Clin Neurosci* 10:236-238, 2003
- Kanno A, Nakasato N, Hatanaka K, Yoshimoto T: Ipsilateral area 3b responses to median nerve somatosensory stimulation. *Neuroimage* 18:169-177, 2003
- Iwasaki M, Nakasato N, Shamoto H, Nagamatsu K, Kanno A, Hatanaka K, Yoshimoto T: Surgical implications of neuromagnetic spike localization in temporal lobe epilepsy. *Epilepsia* 43: 415-424, 2002
- Shamoto H, Nakajima T, Nakasato N, Iwasaki M, Shirane R, Itoh H, Yoshimoto T: Mesial temporal lobe epilepsy with lateral temporal lobe abnormalities in magnetoencephalography and glucose metabolism. *J Clin Neurosci* 9: 192-194, 2002
- Nakasato N, Itoh H, Hatanaka K, Nakahara H, Kanno A, Yoshimoto T: Movement-related magnetic fields to tongue protrusion. *NeuroImage* 14: 924-935, 2001
- Iwasaki M, Nakasato N, Kanno A, Hatanaka K, Nagamatsu K, Nagamine Y, Yoshimoto T: Somatosensory evoked fields in patients with comatose survivors after severe head injury. *Clinical Neurophysiol*, 112: 204-210, 2001
- Nagamatsu K, Nakasato N, Hatanaka K, Kanno A, Iwasaki M, Yoshimoto T: Neuromagnetic detection and localization of N15, the initial response to trigeminal stimulus. *NeuroReport* 12:1-5, 2001
- Suzuki K, Okuda J, Otsuka Y, Sugawara A, Hatanaka K, Nakasato N, Kanno A, Yoshimoto T, Fujii T, Yamadori A: Judging semantic and episodic incongruity - a magnetoencephalographic study-. *NeuroReport* 12: 195-199, 2001
- Ishitobi M, Nakasato N, Suzuki K, Nagamatsu K, Shamoto H, Yoshimoto T: Remote discharges in the posterior language area during basal temporal stimulation. *NeuroReport* 11: 2997-3000, 2000
- Kanno A, Nakasato N, Murayama N, Yoshimoto T: Middle and long latency peak sources in auditory magnetic fields for tone burst in humans. *Neurosci Lett* 293: 187-190, 2000
- Kumabe T, Nakasato N, Inoue T, Yoshimoto T: Primary thumb sensory cortex located at the lateral shoulder of the inverted omega-shape on the axial images of the central sulcus. *Neurol Med Chir (Tokyo)* 40:393-403, 2000
- Sakurada K, Kayama T, Sato S, Saito S, Kuroki A, Kondo R, Nakasato N, Yoshimoto T: Motor area cavernous angioma: case report. *Surg Neurol* 53:337-339, 2000
- Inoue T, Shimizu H, Nakasato N, Yoshimoto T: Accuracy and limitation of functional magnetic resonance imaging for identification of the central sulcus: comparison with magnetoencephalography in patients with brain tumors. *NeuroImage* 10:738-748, 1999
- Asano E, Ishikawa S, Otsuki T, Nakasato N, Yoshimoto T: Surgical treatment of intractable epilepsy originating from the primary sensory area of the hand - Case report -. *Neuro Med Chir* 39: 246-250, 1999
- Tretyakov A, Chen Z, Takayasu H, Nakasato N: Analysis of spontaneous magnetoencephalography data by similarity measures, *Physica A: Statistical Mechanics and its Applications* 270: 543-551, 1999
- Takahashi T, Nakasato N, Yokoyama H, Tsukahara Y: Low luminance visual stimuli compared to stroboscopic IPS in eliciting PPR in photosensitive patients. *Epilepsia* 40 Suppl 4: 44-49, 1999

- Nakagawa H, Namima T, Aizawa M, Uchi K, Kaiho Y, Yoshikawa K, Orikasa S, Nakasato N: Somatosensory evoked magnetic fields elicited by dorsal penile, posterior tibial and median nerve stimulation. *Electroencephalogr Clin Neurophysiol* 108: 57-61, 1998
- Ohtomo S, Nakasato N, Kanno A, Hatanaka K, Shirane R, Mizoi K, Yoshimoto T: Hemispheric asymmetry of the auditory evoked N100m response in relation to the crossing point between the central sulcus and sylvian fissure. *Electroencephalogr Clin Neurophysiol* 108: 219-225, 1998
- Kumabe T, Nakasato N, Suzuki K, Sato K, Sonoda Y, Kawagishi J, Yoshimoto T: Two-staged resection of a left frontal astrocytoma involving the operculum and insula using intraoperative neurophysiological monitoring -case report-. *Neurol Med Chir (Tokyo)* 38: 503-507, 1998
- Shida N, Nakasato N, Mizoi K, Kanaki M, Yoshimoto T: Symptomatic vessel narrowing caused by spontaneous rupture of craniopharyngioma cyst. Case report. *Neurol Med Chir* 38: 666-668, 1998
- Chen Z, Tretyakov A, Takayasu H, Nakasato N: Spectral analysis of multichannel MEG data. *Fractals* 6: 395-400, 1998
- Nakasato N, Kumabe T, Kanno A, Ohtomo S, Mizoi K, Yoshimoto T: Neuromagnetic evaluation of cortical auditory function in patients with temporal lobe tumors. *J Neurosurg* 86: 610-618, 1997
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- Hatanaka K, Nakasato N, Seki K, Mizoi K, Yoshimoto T: Striate cortical generators of the N75, P100 and N145 components localized by pattern reversal visual evoked magnetic fields. *Tohoku J Exp Med* 182: 9-14, 1997
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- Kawamura T, Nakasato N, Seki K, Kanno A, Fujita S, Fujiwara S, Yoshimoto T: Neuromagnetic evidence of pre- and post-central cortical sources of somatosensory evoked responses. *Electroencephalogr Clin Neurophysiol* 100: 44-50, 1996
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- Seki K, Nakasato N, Fujita S, Hatanaka K, Kawamura T, Kanno A, Yoshimoto T: Neuromagnetic evidence that the P100 component of pattern reversal visual evoked response originates in the bottom of calcarine fissure. *Electroencephalogr Clin Neurophysiol* 100: 436-442, 1996
- Nakasato N, Seki K, Kawamura T, Ohtomo S, Kanno A, Fujita S, Hatanaka K, Fujiwara S, Kayama T, Takahashi A, Jokura H, Kumabe T, Ikeda H, Mizoi K, Yoshimoto T: Cortical mapping using an MRI-linked whole head MEG system and presurgical decision making. *Electroencephalogr Clin Neurophysiol Suppl* 47: 333-341, 1996
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- Ohtomo S, Nakasato N, Kawamura T, Kanno A, Seki K, Fujita S, Shimizu H, Fujiwara S, Yoshimoto T: Correspondence of anatomy and function in the human digit sensory cortex

- revealed by an MRI-linked whole head MEG system. *Electroencephalogr Clin Neurophysiol Suppl* 47: 91-95, 1996
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- Nakasato N, Levesque MF, Babb TL: Seizure outcome following standard temporal lobectomy: correlation with hippocampal neuron loss and extrahippocampal pathology. *J Neurosurg* 77:194-200, 1992
- Levesque MF, Nakasato N, Vinters HV, Babb TL: Surgical treatment of limbic epilepsy associated with extrahippocampal lesion: the problem of dual pathology. *J Neurosurg* 75:364-370, 1991
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- Niizuma H, Nakasato N, Yonemitsu T, Ito S, Suzuki J: Intracerebral hemorrhage from a metastatic brain tumor. Importance of differential diagnosis preceding stereotaxic hematoma aspiration. *Surg Neurol*, 29:232-236, 1988
- Niizuma H, Shimizu Y, Nakasato N, Jokura H, Suzuki J: Influence of liver dysfunction on volume of putaminal hemorrhage. *Stroke* 19: 987-990, 1988

REVIEW ARTICLES

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