

CURRICULUM VITAE

September 1st, 2024

FULL NAME: Nobukazu Nakasato

CURRENT POSITION:

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

Professor and Chair
Department of Smart Epilepsy Care
Tohoku University Graduate School of Medicine

Professor
Department of Advanced Spintronics Medical Engineering
Graduate School of Engineering, Tohoku University

Director
Epilepsy Center, Tohoku University Hospital

Director
Physiological Laboratory, Tohoku University Hospital

Special Adviser to President (Telemedicine & International Issues)
Tohoku University Hospital

OFFICE ADDRESS:

2-1 Seiryō-mach, Aoba-ku, Sendai 980-8575, Japan

Website:

<http://www.epilepsy.med.tohoku.ac.jp/english/index.html>

<https://researchmap.jp/nakasato/?lang=japanese>

<https://researchmap.jp/nakasato/?lang=english>

EDUCATION AND TRAINING:

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

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

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

RESEARCH AND PROFESSIONAL EXPERIENCE:

2010.2-present: Professor and Chair, Department of Epileptology, Tohoku University School of Medicine, Sendai, Japan
2022.10-present: Professor and Chair, Department of Smart Epilepsy Care, Tohoku University Graduate School of Medicine, Sendai, Japan
2022.4-present: Professor, Department of Advanced Spintronics Medical Engineering, Graduate School of Engineering, Tohoku University, Sendai, Japan
2017-present: Director, Physiological Laboratory, Tohoku University
2015-present: Director, Epilepsy Center, Tohoku University Hospital
2012-present: Special Adviser to President (Telemedicine & International Issues), Tohoku University Hospital
2019.4-2022.3: Professor and Chair, Department of Electromagnetic Neurophysiology (RICOH), Tohoku University Graduate School of Medicine
2017.2-2019.3: Professor and Chair, Department of Electromagnetic Neurophysiology, 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
2008-2010: Vice President, Kohnan Hospital; and Associate 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
1996-2008: Assistant Professor, Department of Neurosurgery, Tohoku University School of Medicine
1992-1998: Head, MEG and Brain Mapping Project, Department of Neurosurgery, Kohnan Hospital and Tohoku University School of Medicine, Sendai, Japan
1989-1991: Visiting Research, Reed Neuromagnetometry Laboratory and Division of Neurosurgery, University of California, Los Angeles
1988-1991: Assistant Professor, Department of Neurosurgery, Tohoku University School of Medicine, Sendai, Japan
1987-1988: Visiting Researcher, Biomagnetometry Section, National Electrotechnical Laboratory, Tsukuba, Japan

AWARD

2023 May	Lifetime Achievement Award in the Field of Clinical Magnetoencephalography 2023, The International Society for the Advancement of Clinical Magnetoencephalography
2023 May	Ogino Award (Clinical Application Research Award) 2022, The Japanese Society for Medical and Biological Engineering
2022 November	Shimazono Award 2022, The Japanese Society of Clinical Neurophysiology
2022 November	Outstanding Paper Award 2022, The Japan Society of Applied Physics
2021 May	Legacy Award 2021, The American Clinical MEG Society
1991 November	The Jiro Suzuki Award, The Alumni Association of Neurosurgeons, Tohoku University

LICENSE AND BOARD CERTIFICATIONS:

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

MEMBERSHIP OF SCIENTIFIC SOCIETIES:

International Society for the Advancement of Clinical Magnetoencephalography (ISACM)
Co-founder and the First President (2006-2008)
The Sixth President (2017-2019)
International League Against Epilepsy (ILAE)
Member of the ILAE Neurophysiology Task Force of the Diagnostic Methods Commission (2021-present)
Member of the ILAE Task Force on Classification Commission (2013-2017)
Member of the ILAE Task Force on Guidelines Commission (2012-2015)
International Conference on Biomagnetism (BIOMAG)
International Advisory Board Member (2022-present)
International Federation of Clinical Neurophysiology (IFCN)
Editorial Board Member, Clinical Neurophysiology (2015-2021)
American Clinical Neurophysiology Society: Member
Japan Biomagnetism and Biomagnetics Society:
President (2021-2024)
Vice President (2009-2015)
Executive Board Member (2003-present)
President of Annual Meeting (2017)
Japan Epilepsy Society (JES)
Board Member (2013-present)
Chair, Committee of International Issues (2023-present)
Chair, Committee of Legal Issues (2021-2022)
Chair, Committee of Health Care Reimbursement (2017-2021)
President, Tohoku Branch (2013-2018)
Vice President (2015-2017)
Secretary General, Tohoku Branch (2006-2012)
Chief of Headquarters, “3.11 Disaster” Countermeasures Office (2011-present)
Japan Epilepsy Center Association (JEPICA)
Board Member (2013-present)
Chair, Executive Board (2015-2021)
Japan Epilepsy Surgery Society
Board Member (2009-present)
Japan Neurosurgical Society:
Member, Special Committee of Brain Death and Organ Transplantation (1999-)
Editorial Board Member, Neurologia Medico-Chirurgica (2023-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)
 Japanese Society of Clinical Neurophysiology:
 Board Member (2013-present)
 Reimbursement Committee Member (2006-present); Chair (2017-present)
 Academic Committee Member (1997-present)
 Editorial Board Member, Japanese Journal of Clinical Neurophysiology (2003-present)
 Ethical Committee Member (2014-present)
 MEG Committee Chair (2011-2014)
 Japanese Society for Brain Electromagnetic Topography:
 Academic Committee Member (2005-present)
 Japan Human Brain Mapping Society
 Academic Committee Member (2012-2024)
 Japan Social Insurance Union of Societies Related to Internal Medicine
 Member, Committee of Telemedicine and Telehealth (2019-present)
 Tohoku Epilepsy Forum:
 Board Chair (2010-present)
 Tohoku Society of Comprehensive Epilepsy Program:
 Board Chair (2011-present)
 Japan Society of Applied Physics
 Member (2022-present)

ORGANIZATION OF INTERNATIONAL SCIENTIFIC CONFERENCES:

Co-President, Tohoku-Yonsei Epilepsy and MEG symposium. February 19, 2021, Seoul, Korea (Web Conference)
 President, The 6th Meeting of the International Society for the Advancement of Clinical Magnetoencephalography (ISACM), May 22-24, 2017, Sendai, Japan
 Co-chair, The 2nd ISACM, September 3-5, 2009, Athens, Greece.
 Co-chair, The First ISACM, August 27-30, 2007, Matsushima, Japan
 Secretary General, 11th International Conference on Biomagnetism, August 28 - September 2, 1998, Sendai, Japan

ORGANIZATION OF DOMESTIC SCIENTIFIC CONFERENCES:

President, The 55th Annual Meeting of Japan Epilepsy Society, September 20-22, 2022, Sendai
 President, The 51st Annual Meeting of Japanese Society of Clinical Neurophysiology, December 16-18, 2021, Sendai
 President, Annual Meeting of Japan Epilepsy Society, Tohoku Branch, July 10, 2021, Sendai
 President, Annual Meeting of the JSBET 2017 (Japanese Society for Brain Electromagnetic Topography), May 22-24, 2017, Sendai
 President, Annual Meeting of the Japan Biomagnetism and Biomagnetics Society, May 22-24, 2017, Sendai
 President, Annual Meeting of Japan Epilepsy Center Association, January 9-10, 2016, Sendai
 President, Japan Epilepsy Rehabilitation Meeting, November 14, 2015, Sendai
 Vice President, Annual Meeting of the Japanese Telemedicine and Telecare Association, October 9-10, 2015, Sendai
 President, Annual Meeting of Japan Epilepsy Surgery Society, January 15-16, 2015, Tokyo

Chair: 27th Meeting, Japan Society of Brain Electromagnetic Topography, November 18-19, 2010,
Matsushima
Secretary General, 10th Japanese Conference on Biomagnetism, May 27-28, 1995, Sendai

SCIENTIFIC PUBLICATIONS (In English):

ORIGINAL ARTICLES (183)

- 1) Ukishiro K, Osawa SI, Kakisaka Y, Jin K, Tominaga T, Endo H, Nakasato N: Remission of startle epilepsy provoked by acoustic stimuli following complete callosotomy: A case study. *Epileptic Disord*, 2024 (DOI: 10.1002/epd2.20238)
- 2) Osawa SI, Suzuki K, Ukishiro K, Kakinuma K, Ishida M, Niizuma K, Shimoda Y, Kikuchi H, Kochi R, Jin K, Matsumoto Y, Uematsu M, Nakasato N, Endo H, Tominaga T: Super-selective injection of propofol into the intracranial arteries enables Patient's self-evaluation of expected neurological deficit. *Cortex* 176: 209-220, 2024 (<https://doi.org/10.1016/j.cortex.2024.04.016>)
- 3) Ishida M, Kakisaka Y, Jin K, Kanno A, Nakasato N: Somatosensory evoked spikes in normal adults detected by magnetoencephalography. *Clin Neurophysiol* 164: 19-23, 2024 (<https://doi.org/10.1016/j.clinph.2024.05.006>)
- 4) Konomatsu K, Kakisaka Y, Aiba T, Takahashi S, Ueda H, Kubota T, Soga T, Ukishiro K, Aokoi M, Nakasato N: Genetic generalized epilepsy with catecholaminergic polymorphic ventricular tachycardia complicated by ryanodine receptor 2 variant: A case report. *European J Epilepsy* 117: 284-287, 2024 (<https://doi.org/10.1016/j.seizure.2024.04.003>)
- 5) Konomatsu K, Kakisaka Y, Sato S, Kubota T, Soga T, Ukishiro K, Mugikura S, Aoki M, Nakasato N: "Caterpillar sign" in corpus callosum associated with curvilinear pericallosal lipoma in MRI: a case report. *Radiol Case Rep* 19: 2058-2061, 2024 (<https://doi.org/10.1016/j.radcr.2024.02.058>)
- 6) Kakinuma K, Osawa SI, Katsuse K, Hosokawa H, Ukishiro K, Jin K, Niizuma K, Tominaga T, Endo H, Nakasato N, Suzuki K: Assessment of language lateralization in epilepsy patients using the super-selective Wada test. *Acta Neurochir (Wien)*, 166:77, 2024 (DOI: 10.1007/s00701-024-05957-8)
- 7) Ille N, Nakao Y, Taura T, Ebert A, Bornfleth H, Asagi S, Kozawa K, Itabashi I, Sato T, Sakuraba R, Tsuda R, Kakisaka Y, Jin K, Nakasato N: Ongoing EEG artifact correction using blind source separation. *Clin Neurophysiol* 158:149-158, 2024 (<https://doi.org/10.1016/j.clinph.2023.12.133>)
- 8) Shimoda E, Kanetaka H, Hihara H, Kanno A, Kawashima R, Nakasato N, Igarashi K: Effects of pain associated with orthodontic tooth movement on tactile sensation of periodontal ligaments. *Clinical Oral Investigations* 28: 36-36, 2023 (DOI: 10.1007/s00784-023-05469-2)
- 9) Otomo M, Osawa S-I, Suzuki K, Kakinuma K, Ukishiro K, Suzuki H, Niizuma K, Narita N, Nakasato N, Tominaga T: Bilateral and asymmetrical localization of language function identified by the superselective infusion of propofol in an epilepsy patient with a mild malformation of cortical development: illustrative case". *J Neurosurg Case Lessons* 6: CASE23451, 2023 (DOI: 10.3171/CASE23451)
- 10) Mugikura S, Mori N, Gang M, Kanno S, Jin K, Osawa SI, Nakasato N, Takase K: Inter-hemispheric asymmetrical change in gray matter volume in patients with unilateral hippocampal sclerosis. *J Clin Imag Sci* 13: 38-38, 2023 (DOI: 10.25259/jcis_77_2023)
- 11) Takahashi K, Fujikawa M, Ueno T, Ogawa M, Nakasato N, Maeda S: Network analysis of the relationship between social support and quality of life in patients with epilepsy. *Epilepsy Behav* 149: 109504-109504, 2023 (DOI: 10.1016/j.yebeh.2023.109504)
- 12) Kochi R, Osawa S, Jin K, Ishida M, Kanno A, Iwasaki M, Suzuki K, Kawashima R, Tominaga T, Nakasato N: Language MEG predicts postoperative verbal memory change in left mesial temporal lobe epilepsy. *Clinical Neurophysiol* 156: 69-75, 2023 (<https://doi.org/10.1016/j.clinph.2023.09.010>)

- 13) Konomatsu K, Kakisaka Y, Ishida M, Soga T, Ukishiro K, Osawa S, Jin K, Aoki M, Nakasato N: Referral odyssey plot to visualize causes of surgical delay in mesial temporal lobe epilepsy with hippocampal sclerosis. *Epilepsy Behav* 147: 109434, 2023 (<https://doi.org/10.1016/j.yebeh.2023.109434>)
- 14) Kubota T, Jin K, Honoki K, Soga T, Ukishiro K, Kakisaka Y, Aoki M, Nakasato N: Temporomandibular joint dislocation during epileptic seizures in the epilepsy monitoring unit: A case report. *Epileptic Disord* 2023 (doi: 10.1002/epd2.20158. Epub ahead of print)
- 15) Konomatsu K, Kakisaka Y, Jin K, Ukishiro K, Sakata A, Shimogawa T, Morioka T, Kubota T, Soga T, Aoki M, Nakasato N: Dynamic electro-clinical changes corresponding to immediate recovery after glucose administration from insulinoma-induced hypoglycemia: Report of two cases. *Epileptic Disord* 2023 (doi: 10.1002/epd2.20155. Epub ahead of print)
- 16) Takai S, Kanno A, Kawase T, Shirakura M, Suzuki J, Nakasato N, Kawashima R, Katori Y: Possibility of additive effects by the presentation of visual information related to distractor sounds on the contra-sound effects of the N100m responses. *Hear Res* 23;434: 108778, 2023 (doi: 10.1016/j.heares.2023.108778)
- 17) Osawa SI, Suzuki K, Asano E, Ukishiro K, Agari D, Kakinuma K, Kochi R, Jin K, Nakasato N, Tominaga T: Causal involvement of medial inferior frontal gyrus of non-dominant hemisphere in higher order auditory perception: a single case study. *Cortex* 163: 57-65, 2023 (<https://doi.org/10.1016/j.cortex.2023.02.007>)
- 18) Ohseto H, Soga T, Kakisaka Y, Jin K, Ukishiro K, Konomatsu K, Kubota T, Fujimori J, Nakasato N: Ictal chest discomfort in a patient with temporal lobe seizures and amygdala enlargement, *Ep Behav Rep* 21: 100578, 2022 (<https://doi.org/10.1016/j.ebr.2022.100578>)
- 19) Ode R, Fujiwara K, Miyajima M, Yamakawa T, Kano M, Jin K, Nakasato N, Sawai Y, Hoshida T, Iwasaki M, Murata Y, Watanabe S, Watanabe Y, Suzuki Y, Inaji M, Kunii N, Oshino S, Khoo HM, Kishima H, Maehara T: Development of an epileptic seizure prediction algorithm using R-R intervals with self-attentive autoencoder. *Artif Life Robot*, 2022 (<https://doi.org/10.1007/s10015-022-00832-0>)
- 20) Shaaban S, Kakisaka Y, Belal T, Jin K, Osawa SI, Tominaga T, Elmenshawi I, Nakasato N: Distribution of postictal slowing has an additional yield to interictal epileptiform discharge in predicting surgical outcomes in temporal lobe epilepsy. *Epilepsia Open* 7: 802–809, 2022 (<https://doi.org/10.1002/epi4.12660>)
- 21) Kitayama C, Shimada E, Hihara H, Kanno A, Nakasato N, Imai Y, Sato A, Kawashima R, Igarashi K, Kanetaka H: Magnetoencephalographic evaluation of repaired lip sensation in patients with cleft lip. *PLoS One* 17: e0274405, 2022 (<https://doi.org/10.1371/journal.pone.0274405>).
- 22) Kakinuma K, Osawa SI, Hosokawa H, Oyafuso M, Ota S, Kobayashi E, Kawakami N, Ukishiro K, Jin K, Ishida M, Sato T, Sakamoto M, Niizuma K, Tominaga T, Nakasato N, Suzuki K: Determination of language areas in patients with epilepsy using the super-selective Wada test. *IBRO Neurosci Rep* 13: 156-163, 2022 (<https://doi.org/10.1016/j.ibneur.2022.08.002>)
- 23) Shimada E, Hihara H, Kitayama C, Kanno A, Kawashima R, Sato A, Imai Y, Nakasato N, Igarashi K, Kanetaka H: Somatosensory evoked magnetic fields induced by electrical palate stimulation in patients with unilateral cleft lip and palate after palatoplasty. *Neurosci Res* 184: 30-37, 2022 (<https://doi.org/10.1016/j.neures.2022.08.002>)
- 24) Jin K, Obara T, Hirano K, Hirai D, Kiuchi M, Tanaka T, Nakasato N: Prescription trends in anti-seizure medications for adult patients with epilepsy in Japan: A retrospective cohort study using the database of health insurance claims between 2015 and 2019. *Epilepsy Behav* 134:108841, 2022 (<https://doi.org/10.1016/j.yebeh.2022.108841>)

- 25) Ogawa M, Fujikawa M, Tasaki K, Jin K, Kakisaka Y, Nakasato N: Development and validation of the Japanese version of the Epilepsy Stigma Scale in adults with epilepsy. *Epilepsy Behav* 134:108832, 2022 (<https://doi.org/10.1016/j.yebeh.2022.108832>)
- 26) Sakamoto M, Jin K, Kitazawa Y, Kakisaka Y, Nakasato N: Abnormal heart rate variability during non-REM sleep and postictal generalized EEG suppression in focal epilepsy. *Clin Neurophysiol* 140:40-44, 2022 (<https://doi.org/10.1016/j.clinph.2022.05.011>)
- 27) Kuroda N, Suzuki A, Ozawa K, Nagai N, Okuyama Y, Koshiishi K, Yamada M, Raita Y, Kakisaka Y, Nakasato N, Kikukawa M: Educational approaches that enhance online clinical clerkship during the COVID-19 pandemic. *Intern Med* 2022 (doi.org/10.2169/internalmedicine.9291-21)
- 28) Kuroda N, Kubota T, Horinouchi T, Ikegaya N, Kitazawa Y, Kodama S, Kuramochi I, Matsubara T, Nagino N, Neshige S, Soga T, Takayama Y, Sone D; IMPACT-J EPILEPSY (In-depth Multicenter analysis during Pandemic of Covid19 Throughout Japan for Epilepsy practice) study group, Kanemoto K, Ikeda A, Terada K, Goji H, Ohara S, Hagiwara K, Kamada T, Iida K, Ishikawa N, Shiraishi H, Iwata O, Sugano H, Iimura Y, Higashi T, Hosoyama H, Hanaya R, Shimotake A, Kikuchi T, Yoshida T, Shigeto H, Yokoyama J, Mukaino T, Kato M, Sekimoto M, Mizobuchi M, Aburakawa Y, Iwasaki M, Nakagawa E, Iwata T, Tokumoto K, Nishida T, Takahashi Y, Kikuchi K, Matsuura R, Hamano SI, Fujimoto A, Enoki H, Tomoto K, Watanabe M, Takubo Y, Fukuchi T, Nakamoto H, Kubota Y, Kunii N, Shiota Y, Ishikawa E, Nakasato N, Maehara T, Inaji M, Takagi S, Enokizono T, Masuda Y, Hayashi T: Impact of COVID-19 pandemic on epilepsy care in Japan: A national-level multicenter retrospective cohort study. *Epilepsia Open* 2022 (<https://doi.org/10.1002/epi4.12616>)
- 29) Shimada E, Kanetaka H, Hihara H, Kanno A, Kawashima R, Nakasato N, Igarashi K: Somatosensory evoked magnetic fields caused by mechanical stimulation of the periodontal ligaments. *Heliyon* 8:e09464, 2022 (<https://doi.org/10.1016/j.heliyon.2022.e09464>)
- 30) Kanno A, Nakasato N, Oogane M, Fujiwara K, Nakano T, Arimoto T, Matsuzaki H, Ando Y: Scalp attached tangential magnetoencephalography using tunnel magneto-resistive sensors. *Sci Rep* 12:6106, 2022 (<https://doi.org/10.1038/s41598-022-10155-6>)
- 31) Ukishiro K, Osawa SI, Iwasaki M, Kakisaka Y, Jin K, Uematsu M, Yamamoto T, Tominaga T, Nakasato N: Age-related recovery of daily living activity after one-stage complete corpus callosotomy: a retrospective analysis of 41 cases. *Neurosurgery* 90:547-551, 2022 (<https://doi.org/10.1227/NEU.0000000000001871>)
- 32) Shimoda Y, Beppu K, Ikoma Y, Morizawa YM, Zuguchi S, Hino U, Yano R, Sugiura Y, Moritoh S, Fukazawa Y, Suematsu M, Mushiake H, Nakasato N, Iwasaki M, Tanaka KF, Tominaga T, Matsui K: Optogenetic stimulus-triggered acquisition of seizure resistance. *Neurobiol Dis* 163 105602-105602, 2021 (DOI: 10.1016/j.nbd.2021.105602)
- 33) Takayama Y, Jin K, Osawa SI, Iwasaki M, Ukishiro K, Kakisaka Y, Tominaga T, Yamamoto T, Nakasato N: Epilepsy in five long-term survivors of pineal region tumors. *NMC Case Rep J* 8:773-780, 2021 (doi: 10.2176/nmcrcrj.cr.2021-0093)
- 34) Shirakura M, Kawase T, Kanno A, Ohta J, Nakasato N, Kawashima R, Katori Y: Different contra-sound effects between noise and music stimuli seen in N1m and psychophysical responses. *PLoS One* 16: e0261637, 2021 (doi: 10.1371/journal.pone.0261637)
- 35) Oogane M, Fujiwara K, Kanno A, Nakano T, Agatsuma H, Arimoto H, Mizukami S, Kumagai S, Matsuzaki H, Nakasato N, Ando Y: Sub-pT magnetic field detection by tunnel magneto-resistive sensors. *Applied Physics Express* 14: 123002, 2021 (<https://doi.org/10.35848/1882-0786/ac3809>)
- 36) Numata-Uematsu Y, Uematsu M, Sakuraba R, Iwasaki M, Osawa S, Jin K, Nakasato N, Kure S: The onset of interictal spike-related ripples facilitates detection of the epileptogenic zone. *Fron Neurol* 12: 724417, 2021 (<https://doi.org/10.3389/fneur.2021.724417>)

- 37) Kuroda N, Kubota T, Horinouchi T, Ikegaya N, Kitazawa Y, Kodama S, Matsubara T, Nagino N, Neshige S, Soga T, Sone D, Takayama Y, Kuramochi I; IMPACT-J EPILEPSY (In-depth Multicenter analysis during Pandemic of Covid19 Throughout Japan for Epilepsy practice) study group, Kanemoto K, Ikeda A, Terada K, Goji H, Ohara S, Hagiwara K, Kamada T, Iida K, Ishikawa N, Shiraishi H, Iwata O, Sugano H, Iinuma Y, Higashi T, Hosoyama H, Hanaya R, Shimotake A, Kikuchi T, Yoshida T, Shigeto H, Yokoyama J, Makaino T, Kato M, Sekimoto M, Mizobuchi M, Abukawa Y, Iwasaki M, Nakagawa E, Iwata T, Tomato K, Nishida T, Takahashi Y, Kikuchi K, Matsuura R, Hamano SI, Yamanouchi H, Watanabe S, Fujimoto A, Nakamoto H, Kubota Y, Kunii N, Shiota Y, Ishikawa E, Nakasato N, Maehara T, Inaji M, Takagi S, Enokizono T, Masuda Y, Hayashi T: Risk factors for psychological distress in electroencephalography technicians during the COVID-19 pandemic: A national-level cross-sectional survey in Japan. *Epilepsy Behav* 125:108361, 2021 (doi:0.1016/j.yebeh.2021.108361)
- 38) Nakasato N: Biomagnetometry is warming up from liquid helium to room temperature. *Clin Neurophysiol* 132: 2666-2667, 2021 (<https://doi.org/10.1016/j.clinph.2021.07.007>)
- 39) Agari D, Jin K, Kakisaka Y, Kanno A, Ishida M, Kawashima R, Nakasato N: Magnetoencephalography to confirm epileptiform discharges mimicking small sharp spikes in temporal lobe epilepsy. *Clin Neurophysiol* 132: 1785-1789, 2021 (doi.org/10.1016/j.clinph.2021.03.049)
- 40) Ogawa M, Fujikawa M, Jin K, Kakisaka Y, Ueno T, Nakasato N: Acceptance of disability predicts quality of life in patients with epilepsy. *Epilepsy Behav* 120: 107979, 2021 (DOI: 10.1016/j.yebeh.2021.107979)
- 41) Hosokawa H, Kanno S, Nishio Y, Kawasaki I, Hirayama K, Sunaga A, Shoji N, Iwasaki M, Nakasato N, Tominaga T, Suzuki K: Facial memory ability and self-awareness in patients with temporal lobe epilepsy after anterior temporal lobectomy. *PLoS ONE* 16: e0248785, 2021 (doi.org/10.1371/journal.pone.0248785)
- 42) Iwaki H, Sonoda M, Osawa SI, Silverstein BH, Mitsunashi T, Ukishiro K, Takayama Y, Kambara T, Kakinuma K, Suzuki K, Tominaga T, Nakasato N, Iwasaki M, Asano E: Your verbal questions beginning with 'what' will rapidly deactivate the left prefrontal cortex of listeners. *Sci Reports* 11: 5257, 2021 (doi.org/10.1038/s41598-021-84610-1)
- 43) Gabriel F, Kakisaka Y, Jin K, Osawa SI, Iwasaki M, Tominaga T, Nakasato N: External validation of the Epilepsy Surgery Grading Scale in a Japanese cohort of patients with epilepsy. *Epileptic Disord* 23: 104-110, 2021 (DOI: 10.1684/epd.2021.1238)
- 44) Nomura Y, Kawase T, Kanno A, Nakasato N, Kawashima R, Katori Y: N100m latency shortening caused by selective attention. *Brain Res* 1751:147177, 2021 (doi.org/10.1016/j.brainres.2020.147177)
- 45) Itabashi I, Jin K, Sato S, Suzuki H, Iwasaki M, Kitazawa Y, Kakisaka Y, Nakasato N: Initial delta and delayed theta/alpha pattern in the temporal region on ictal EEG suggests purely hippocampal epileptogenicity in patients with mesial temporal lobe epilepsy. *Clin Neurophysiol* 132:737-743, 2021 (doi.org/10.1016/j.clinph.2020.11.041)
- 46) Suzuki M, Jin K, Kitazawa Y, Fujikawa M, Kakisaka Y, Sato S, Mugikura S, Nakasato N. Diagnostic yield of seizure recordings and neuroimaging in patients with focal epilepsy without interictal epileptiform discharges. *Epilepsy Behav* 112:107468, 2020 (doi.org/10.1016/j.yebeh.2020.107468)
- 47) Ishida M, Jin K, Kakisaka Y, Kanno A, Kawashima R, Nakasato N. Awake state-specific suppression of primary somatosensory evoked response correlated with duration of temporal lobe epilepsy. *Sci Rep* 10:15895, 2020 (DOI: 10.1038/s41598-020-73051-x)
- 48) Ishikawa T, Obara T, Jin K, Nishigori H, Miyakoda K, Akazawa M, Nakasato N, Yaegashi N, Kuriyama S, Mano N: Folic acid prescribed to prenatal and postpartum women who are

also prescribed antiepileptic drugs in Japan: Data from a health administrative database. *Birth Defects Res*, 2020 (doi: 10.1002/bdr2.1748)

- 49) Chonan M, Saito R, Kanamori M, Osawa SI, Watanabe M, Suzuki H, Nakasato N, Tominaga T: Experience of low dose perampanel to add-on in glioma patients with levetiracetam-uncontrollable epilepsy. *Neurol Med Chir* 60: 37-44, 2020 (DOI: 10.2176/nmc.0a.2018-0245)
- 50) Hihara H, Kanetaka H, Kanno A, Simada E, Koeda S, Kawashima R, Nakasato N, Sasaki K: Somatosensory evoked magnetic fields of periodontal mechanoreceptors. *Heliyon* 6: e03244, 2020 (DOI: 10.1016/j.heliyon.2020.e03244)
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INVITED LECTURES IN INTERNATIONAL CONFERENCES (108):

- 1) Nakasato N: MEG-based brain mapping for epilepsy and other diseases. Korean Epilepsy Society, June 22nd, 2024, Seoul (Invited Lecture)
- 2) Nakasato N: Biomagnetic measurements using tunnel magneto-resistive sensors. MEG Nord, May 28th, 2024, Gothenburg (Keynote Lecture)
- 3) Nakasato N: Detection, separation, and localization of epileptiform activity in EEG and MEG. Queen Elizabeth Hospital in Hong Kong, April 11th, 2024 (Invited Lecture)
- 4) Nakasato N: Web-based and case-based learning of clinical epileptology to develop comprehensive epilepsy centers in Indonesia. Asia Telemedicine Symposium, Dec 16th, 2023, Fukuoka (Invited Lecture)

- 5) Nakasato N: Clinical application of MEG: My 35 years' experience. Epilepsy Grand Rounds, McGovern Medical School, The University of Texas Health Science Center at Houston, September 7th, 2023, Houston, USA (Invited Lecture)
- 6) Nakasato N: My dreams of MEG in the late 1980s and in the present. The 8th Biannual Conference of the International Society for the Advancement of Clinical Magnetoencephalography (ISACM), May 24-27, 2023, Osaka (Memorial Lecture)
- 7) Nakasato N: Neuromagnetometry is warming up: possible future applications for epilepsy. Cleveland Clinic Epilepsy Grand Rounds, June 24th, 2022, Cleveland, USA/Hybrid (Special Lecture)
- 8) Nakasato N: Magnetoencephalography is warming up from liquid-helium to room temperature. The 27th Korean Epilepsy Congress, June 10th, 2022, Seoul, Korea/ Hybrid (Invited Lecture)
- 9) Nakasato N: A dream of tele-epilepsy network in Asia with multimodal and multilayer approaches. 2022 Annual Meeting of Taiwan Epilepsy Society, April 17th, 2022, Taipei, Taiwan (Special Lecture)
- 10) Nakasato N: Is telemedicine first in comprehensive epilepsy care? Sakura Science Exchange Program, November 16th, 2021, Fukuoka/Web (Invited Lecture)
- 11) Nakasato N: Epilepsy surgery in comprehensive epilepsy program. WFNS Foundation ACNS Summer WEB Seminar, July 10th-11th, 2021, Web Conference (Invited Lecture)
- 12) Nakasato N: Why development of telemedicine is so slow in Japan even during the pandemic. 13th Asian & Oceanian Epilepsy Congress, June 13th, 2021, Web Conference (Invited Lecture)
- 13) Nakasato N: Debate Session: For "Telemedicine versus face-to-face medicine in the epilepsy clinic", 13th Asian & Oceanian Epilepsy Congress, June 11th, 2021, Web Conference (Invited lecture)
- 14) Nakasato N: Special thanks to my mentors and colleagues! American Clinical MEG Society (ACMEGS), May 13rd, 2021, Web-conference (Legacy Award Lecture)
- 15) Nakasato N: MEG history at Tohoku University: from SQUID to TMR sensors. Tohoku-Yonsei Epilepsy and MEG symposium. February 19, 2021, Seoul, Korea (Web Conference) (Didactic Session)
- 16) Nakasato N: Magnetoencephalography: recent advances in epileptology. Asian Epilepsy Surgery Congress, November 7, 2020, Taipei, Taiwan, Web Conference (Symposium)
- 17) Nakasato N: Epilepsy care in pandemic era. Situasi Terkini Pandemi Covid-19, August 8, 2020, Jakarta, Indonesia, Web Conference, (Invited Lecture)
- 18) Nakasato N, Epilepsy: the name you know, the story you don't, Kickoff meeting of Medical Excellence Japan at Cipto Mangunkusumo Hospital, January 24, 2020, Jakarta, Indonesia
- 19) Nakasato N: Telemedicine projects at Tohoku University, TEDx Tohoku University Salon, October 26, 2019, Sendai, Japan (Invited Lecture)
- 20) Nakasato N: Epilepsy: The name you know, the story you don't. Asian Leksell Gamma Knife Society. January 19, 2019, Sendai, Japan (Special Lecture)
- 21) Nakasato N: Mission of Department of Epileptology, Epilepsy Symposium. July 19, 2018, Busan, Korea (Invited Lecture)
- 22) Nakasato N: Mission of Department of Epileptology, Epilepsy Symposium. July 18, 2018, Seoul, Korea (Invited Lecture)
- 23) Nakasato N, Kanno A, Ishida M, Asagi S, Kakisaka Y, Jin K: When, why and how is MEG essential to diagnose epilepsy? 12th Asian-Oceanian Congress of Neuroradiology. March 18, 2018, Taipei, Taiwan (Symposium)
- 24) Nakasato N: Education and outreach activity for epilepsy in Japan. Workshop of Epilepsy, Indonesian Neurological Association and Neurology Department, Hasanuddin University. Makassar, Indonesia, July 8, 2017, Makassar, Indonesia (Invited Lecture)

- 25) Nakasato N: Diagnostic strategy of adult epilepsy. EEG Workshop. July 7, 2017, Makassar, Indonesia (Invited Lecture)
- 26) Nakasato N: What is epilepsy, again? The International Seminar, Medical Faculty Alkhairaat University “Knowing Epilepsy”. July 5, 2017, Palu, Indonesia (Invited Lecture)
- 27) Nakasato N: My dream of epilepsy care in Japan, Indonesia and the world. The International Seminar, Medical Faculty Alkhairaat University. “Knowing Epilepsy”. July 5, 2017, Palu, Indonesia (Invited Lecture)
- 28) Nakasato N: Transitioning care of patients from pediatric to adult neurology (a patient perspective). 11th Asian & Oceanian Epilepsy Congress, May 13-16, 2016, Hong Kong (Symposium).
- 29) Nakasato N: Epilepsy care during a natural disaster. Epilepsy Across the Lifespan - TeleECHO Clinic, University of New Mexico, December 8, 2015, Albuquerque, New Mexico, USA (Invited Lecture)
- 30) Nakasato N: Epilepsy, Educate, Change. Azerbaijan Medical University. September 10, 2015, Baku, Azerbaijan (Invited Lecture)
- 31) Nakasato N, Itabashi H, Jin K, Iwasaki M, Tominaga T: Detection and localization of EEG and MEG spikes in cases with small cortical dysplasia often overlooked on MRI. The 8th Asian Epilepsy Surgery Congress. October 4-6, 2014, Tokyo (Invited Lecture)
- 32) Nakasato N, Rampp S: Epilepsy: theory and grounding. The 19th International Conference on Biomagnetism. August 24-28, 2014, Halifax, Canada (Symposium)
- 33) Nakasato N: MEG and EEG spike localization in cases with small FCD overlooked by MRI. Colloquium on Drug Resistant Epilepsy, August 16-18, 2013, NIMHANS, Bangalore, India (Invited Lecture)
- 34) Nakasato N: Functional imaging for epilepsy surgery. The World Society for Stereotactic and Functional Neurosurgery, May 27-30, 2013, Tokyo (Keynote Address)
- 35) Nakasato N, Tanji K, Iwasaki M, Suzuki K: ECoG based functional brain mapping in epilepsy. Taiwan Society of Clinical Neurophysiology, December 23, 2012, Taipei (Invited Lecture)
- 36) Nakasato N: Epilepsy care network in Tohoku district through 3.11 disaster. Taiwan Society of Clinical Neurophysiology, December 23, 2012, Taipei (Invited Lecture)
- 37) Nakasato N: Clinical application of MEG. Clinical Neurophysiology Round, University of California, Los Angeles (UCLA). October 23, 2012, Los Angeles (Invited Lecture)
- 38) Nakasato N: Epilepsy Care in Tohoku District after the 3.11 Disaster in 2011. Clinical Neurophysiology Round, University of California, Los Angeles (UCLA). October 23, 2012, Los Angeles (Invited Lecture)
- 39) Nakasato N: MEG. Asian & Oceanian Epilepsy Congress, March 24, 2012, Manila (Symposium)
- 40) Nakasato N: MEG and epilepsy. Seoul National University, January 18, 2012, Seoul (Invited Lecture)
- 41) Nakasato N: MEG and epilepsy. Samsung Seoul Hospital, January 17, 2012, Seoul (Invited Lecture)
- 42) Nakasato N: MEG and epilepsy. Yonsei University College of Medicine, January 16, 2012, Seoul (Invited Lecture)
- 43) Nakasato N: Clinical applications of MEG: current practice and future directions. December 23, 2011, National Institute of Mental Health and Neuroscience (NIMHANS), Bangalore, India (Invited Lecture)
- 44) Nakasato N: Epilepsy patients in and around the tsunami-devastated area in Japan in 2011. Public Lecture for Epilepsy Foundation, India, December 22, 2011, Mumbai (Invited Lecture)

- 45) Nakasato N: MEG in clinical practice. International Society for the Advancement of Clinical Magnetoencephalography, November 3-5, 2011, Las Vegas (Special Keynote Lecture)
- 46) Nakasato N: Epilepsy patients in and around the tsunami-devastated area in Japan in 2011. 29th International Epilepsy Congress, August 28 - September 1, 2011, Rome (Invited Platform Session)
- 47) Nakasato N: Practical reasons for applying MEG clinically. 29th International Congress of Clinical Neurophysiology (ICCN2010), October 29th, 2010, Kobe (Symposium)
- 48) Nakasato N: Magnetoencephalographic evaluation of neocortical epilepsy and eloquent cortical function. 8th AOEC, Clinical Epilepsy Workshop on Epilepsy Surgery in Neocortical Epilepsy, October 20, 2010, Melbourne (Invited Lecture)
- 49) Nakasato N: MEG: Separation first, orientation second and localization third. The Third Beijing International Epilepsy Forum, November 12-15, 2009, Beijing (Special Lecture)
- 50) Nakasato N: Practical difference between EEG and MEG in epilepsy. Pre-Congress: Asian Symposium: Diagnosis and Treatment of Partial Onset Seizures, October 21, 2009, Hiroasaki (Special Lecture)
- 51) Nakasato N: MEG: Separation first, orientation second and localization third. The 13th Seoul Epilepsy Symposium, September 19, 2009, Seoul (Special Lecture)
- 52) Nakasato N: Seeking application of MEG for neurosurgeons. Ground Round, Department of Neurosurgery, Seoul National University, September 18, 2009, Seoul (Invited Lecture)
- 53) Nakasato N: Is MEG just a localization tool? The 2nd Biannual Conference of the International Society for the Advancement of Clinical Magnetoencephalography (ISACM), September 3-5, 2009, Athens, Greece (Round Table Discussion)
- 54) Nakasato N: What's the difference between EEG and MEG in practice? International Workshop on Advanced Epilepsy Treatment, March 28-30, 2009, Kitakyushu, Japan (Invited Lecture)
- 55) Nakasato N: Magnetoencephalographic (MEG) Diagnosis of Early-Stage Cerebral Ischemia. The 11th Meeting of Hiroasaki International Forum of Medical Science, March 27-28, 2009, Hiroasaki, Japan (Symposium)
- 56) Nakasato N: Combined Use of EEG and MEG for Presurgical Evaluation of Epilepsy. Asian Epilepsy Surgery Congress, October 25-26, 2008, Shijiazhuang, China (Symposium)
- 57) Nakasato N: Use of clinical MEG beyond spike and functional mapping. International Conference on Biomagnetism, August 25-29, 2008, Sapporo (Key Note Lecture)
- 58) Nakasato N, Salayev KA, Ishitobi M, Kakisaka Y, Iinuma K, Kanno A, Iwasaki M, Fujiwara S, Tominaga T: Neuromagnetic specification of frontal or parietal origin of rolandic spikes. Korean Epilepsy Society, June 27, 2008, Seoul (Joint Symposium of KES and JES)
- 59) Nakasato N: Application of MEG for pediatric epilepsy Taiwan Epilepsy Society, March 15, 2008, Taipei (Special Lecture)
- 60) Nakasato N: Epilepsy care in Japan: present and future Taiwan Epilepsy Society, March 15, 2008, Taipei (Symposium)
- 61) Nakasato N: Impact of MEG on epilepsy surgery. Asian Epilepsy Surgery Congress, June 1-2, 2007, Seoul (Luncheon Seminar)
- 62) Nakasato N: Combined EEG and MEG analysis of interictal and ictal discharges. Workshop: MEG Live: How to Analyze and Localize Functional Eloquent Cortex and Epileptic Discharges. American Clinical Neurophysiology Society, November 1-5, 2006, Chicago (Invited Lecture)
- 63) Nakasato N: Clinical neuroscience. Sam Williamson Memorial Symposium, International Conference on Biomagnetism, August 21-26, 2006, Vancouver (Invited Lecture)
- 64) Nakasato N, Kumabe T, Tominaga T: Magnetoencephalographic functional brain mapping and treatment of glioma. Guangzhou International Symposium of Advanced Neuro-oncology and Neurosurgery on Eloquent Areas, April 8-9, 2006, Guangzhou (Special Lecture)

- 65) Nakasato N, Kumabe T, Tominaga T: Impact of neuromagnetic functional mapping for treatment of glioma. 4th Meeting of the Asian Society for Neuro-Oncology, November 4-6, 2005, Taipei (Special Lecture)
- 66) Nakasato N: Conflict, concordance and compromise of scalp EEG and MEG. Seminar, Taipei Veterans General Hospital, October 4, 2005, Taipei, Taiwan (Invited Lecture)
- 67) Nakasato N: Interhemispheric asymmetry of auditory-evoked and language-related magnetic fields. International Workshop on Biomagnetism & Taiwan-Japan Symposium on Superconductive Electronics, October 6-12, 2005, Taipei/Kaohsiung, Taiwan (Invited Lecture)
- 68) Nakasato N. 7th Plenary Session: Development of New Applications. MEG Applications Conference, September 15-17, 2005, Xylocastro, Greece (Panelist)
- 69) Nakasato N. 6th Plenary Session: Society of Clinical MEG Applications. MEG Applications Conference, September 15-17, 2005, Xylocastro, Greece (Panelist and Co-chair)
- 70) Nakasato N. 5th Plenary Session: Criteria for Diagnostic Practice and Issues of Reimbursement. MEG Applications Conference, September 15-17, 2005, Xylocastro, Greece (Panelist)
- 71) Nakasato N. 4th Plenary Session: Textbook Development, MEG Applications Conference, September 15-17, 2005, Xylocastro, Greece (Panelist and Co-chair)
- 72) Nakasato N: State of art development of MEG and clinical applications. MEG Seminar in Huashan Hospital: State-of-Art Development of MEG and Clinical Applications, May 20, 2005, Shanghai (Invited Lecture)
- 73) Nakasato N: Significance of MEG in clinical neuroscience. Biomagnetism Symposium at Yonsei University College of Medicine, May 18, 2005, Seoul (Invited Lecture)
- 74) Nakasato N: Neuromagnetic sustained fields in the recognition memory task for spoken words. The 8th International Evoked Potentials Symposium, October 5-8, 2004, Fukuoka (Symposium)
- 75) Nakasato N: Advantages of MEG to investigate complex epilepsy: an overview. 14th International Conference on Biomagnetism, August 8-12, 2004, Boston (Symposium)
- 76) Nakasato N, Ishitobi M, Yamamoto K, Iinuma K: Possible precentral origin of benign rolandic spikes in childhood. 57th Annual Meeting of the American Epilepsy Society, December 5-10, 2003, Boston (Invited Lecture, Special Interest Group)
- 77) Nakasato N: Neurophysiological, EEG, MEG, and other imaging techniques for pre-surgical evaluation of candidates: MEG. ILAE-DMC Neurophysiology in Epilepsy Skills Workshop. October 11, 2003, Lisbon (Invited Lecture)
- 78) Nakasato N: Neuromagnetic localization of epilepsy. Thirteenth International Conference on Biomagnetism, August 10-15, 2002, Jena, Germany (Leading Lecture)
- 79) Nakasato N: Spatiotemporal resolution of MEG. 20th Annual Spring Meeting of the Korean Neurosurgical Society, April 24-26, 2002, Jeju (Breakfast Seminar)
- 80) Nakasato N: Electro- and magnetophysiology for glioma surgery. 20th Annual Spring Meeting of the Korean Neurosurgical Society, April 24-26, 2002, Jeju (Special Lecture)
- 81) Nakasato N: Neuromagnetic localization of epilepsy. 20th Annual Spring Meeting of the Korean Neurosurgical Society, April 24-26, 2002, Jeju (Special Lecture)
- 82) Nakasato N: Clinical Application of MEG. Gil Medical Hospital, April 22, 2002, Incheon (Invited Lecture)
- 83) Nakasato N, Shamoto H, Iwasaki M, Nagamatsu K, Kanno A, Hatanaka K, Shimizu H, Yoshimoto T: Neuromagnetic localization of interictal spike discharges correlates with postoperative seizure outcome. International Symposium of Brain Electromagnetic Topography, March 8-10, 2002, Utsunomiya (Symposium)

- 84) Nakasato N: Clinical significance of magnetoencephalography in localizing epilepsy. The International Symposium on Electromagnetics in Biology and Medicine, April 2-4, 2001, Tokyo (Symposium)
- 85) Nakasato N, Kawamura T, Jokura H, Takahashi A, Yoshimoto T: Does central sulcus move functionally in patients with Rolandic AVM? -A magnetoencephalographic study. Third International Symposium on Cerebral and Spinal Cord AVM. April 23-24, 2000, Tokyo (Luncheon Seminar)
- 86) Nakasato N, Kumabe T, Ohtomo S, Kanno A, Kayama T, Yoshimoto T. Source localization and latency delay of auditory evoked magnetic fields in patients with temporal lobe tumors. Second International Symposium of Brain Tumor Pathology, May 12-13, 2000, Nagoya (Symposium)
- 87) Nakasato N: Clinical significance of high temporal resolution in neuromagnetism. 12th International Conference on Biomagnetism, August 13-16, 2000, Helsinki (Keynote Lecture)
- 88) 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)
- 89) 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)
- 90) Nakasato N: Neuromagnetic Evaluation of intractable epilepsy. 2nd Congress of Asian & Oceanian Epilepsy Organization. November 5-8, 1998, Taipei (Symposium)
- 91) 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)
- 92) 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)
- 93) Nakasato N: Magnetophysiology and Electrophysiology in Clinical Neuroscience. Advanced Biomagnetism in Biomedical Engineering and Neuroscience (Satellite Symposium on Biomag98), August 27, 1998, Tokyo (Symposium)
- 94) Nakasato N: Functional brain mapping using MEG and awake surgery. Seminar in Neurosurgery, Toole Hospital, Helsinki University, October 30, 1997, Helsinki (Invited Lecture)
- 95) Nakasato N: Experience in magnetic source imaging (MSI) in neurosurgical planning. Seminar in Biomagnetism Laboratory, Helsinki University Central Hospital, October 28, 1997, Helsinki (Invited Lecture)
- 96) 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)
- 97) 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)
- 98) 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)

- 99) Nakasato N, Yoshimoto T: Clinical application of auditory evoked magnetic fields. International Symposium on Brain Mapping, September 13-15, 1996, Oiso (Symposium)
- 100) 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)
- 101) 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)
- 102) 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).
- 103) Nakasato N: Clinical applications of an MRI-linked whole head MEG system. Seminar on Magnetic Source Imaging (MEG), University of British Columbia, Department of Radiology, Dec 15, 1994, Vancouver (Invited Lecture)
- 104) Nakasato N: The whole head MEG: focal or extended cortical sources?, Seminar in Department of Neurology, Montreal Neurological Institute, December 12, 1994, Montreal (Invited Lecture)
- 105) Nakasato N: Presurgical functional brain mapping using an MRI-linked whole head MEG system. Neurosurgical Grand Round, Montreal Neurological Institute, December 12, 1994, Montreal (Invited Lecture)
- 106) Nakasato N, Seki K, Kawamura K, Shimizu H, Fujiwara S, Yoshimoto T: Functional brain mapping using an MRI-linked whole head magnetoencephalography (MEG) system. The Fifth International Evoked Potentials Symposium, September 4-7, 1994, Milan (Symposium)
- 107) Nakasato N: Clinical application of magnetoencephalography (MEG). Joint Symposium of Tohoku University Medical School and Asan Medical Center. Nov 18, 1993, Seoul (Symposium)
- 108) 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)
