



CURRICULUM VITAE

Koichiro Matsuo, D.D.S., PhD

Date 2021/07/13

DEMOGRAPHIC INFORMATION:

Current Appointments:

Professor, Oral Health Sciences for Community Welfare, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan

Personal Data:

Date of Birth: February 23, 1975, Edagawa-ku, Tokyo, Japan

Marital Status: Married

Office address: 1-5-45 Yushima, Bunkyo, Tokyo, 113-8549, Japan

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EDUCATION AND TRAINING:

- 1993 – 1999 D.D.S. Tokyo Medical and Dental University, Bunkyo-ku, Tokyo, Japan
- 1999 – 2004 Ph.D. Tokyo Medical and Dental University Graduate School,
Department of Gerodontology, Division of Gerontology and Gerodontology
Dissertation title: "Cyclic Motion of the Soft Palate in Feeding"
- 10/2000-10/2001 Research Fellow, Dr. E Saitoh laboratory, Department of Rehabilitation Medicine,
School of Medicine, Fujita Health University, Aichi, Japan
- 3/2002 – 6/2005 Post Doctoral Fellow, Swallowing and Oral Function Laboratory, Department of
Physical Medicine and Rehabilitation, Johns Hopkins University, Baltimore, MD

PROFESSIONAL EXPERIENCE:

Academic Appointments

- 2005-08 Assistant Professor and Research team leader, Swallowing and Oral Function Laboratory,
Department of Physical Medicine and Rehabilitation, School of Medicine, **Johns Hopkins
University**
- 2005-12 Visiting Assistant Professor, Department of Rehabilitation Medicine, **Fujita Health University**
- 2008-13 Associate Professor, Department of Special Care Dentistry, **Matsumoto Dental University**
- 2013-17 Professor and Chairperson, Department of Dentistry, School of Medicine, **Fujita Health
University**



- 2018- Professor and Chairperson, Department of Dentistry and Oral-Maxillofacial Surgery, School of Medicine, **Fujita Health University**
- 2021- Professor, Oral Health Sciences for Community Welfare, Graduate School of Medical and Dental Sciences, **Tokyo Medical and Dental University**
- 2022- Director of Oral Health Center, **Tokyo Medical and Dental University Hospital**

The other appointments

- 2008- Adjunct Assistant Professor, Department of Physical Medicine and Rehabilitation, **Johns Hopkins University**

RECOGNITION:

Honors:

- 4/1999-3/2003 The Japan Scholarship Foundation Scholarship for Postgraduate Students
- 4/2002-9/2002 Short-term fellowship in the foreign country in part of Health Sciences Research Grants (H12-choujyu-21) from the Ministry of Health, Labor and Welfare of Japan
- 8/2003-10/2003 Short-term fellowship in the foreign country in part of Health Sciences Research Grants (H15-21EBM-018) from the Ministry of Health, Labor and Welfare of Japan
- 7/2003-6/2004 Research fellowship awards from Medstar Research Institute

Awards:

- 7/2003 **The best paper award of Japanese Journal of Rehabilitation Medicine:** “Takeda S, Saitoh E, **Matsuo K**, Baba M, Fujii W, Okui M, Palmer JB: Influence of Chewing on Food Transport and Swallowing. Jpn J Rehabil Med 39: 322-329, 2002 (in Japanese)”.
- 10/2003 **The second place poster award at the twelfth annual meeting of Dysphagia Research Society:** “**Matsuo K**, Palmer JB: Tongue surface, jaw, and hyoid motion during feeding and speaking: Linear regression analysis. Dysphagia 20: 78, 2005”.
- 9/2004 **The best paper award of Journal of Japanese Dysphagia Rehabilitation Society:** “**Matsuo K**, Saitoh E, Takeda S, Baba M, Fujii W, Onogi K, Okui M, Uematsu H, Palmer JB: Effects of gravity and chewing on bolus position at swallow onset. Jpn J Dysphagia Rehabil. 6: 179-186, 2002 (in Japanese)”.
- 8/2006 **The award of best research project by junior practitioner at 18th Congress of International Association for Disability and Oral Health (iADH):** **Matsuo K**, Yokoyama M, Saitoh E, Baba M, Palmer JB: Eating and swallowing foods with various consistencies: the effect of aging and stroke. Journal of Disability and Oral Health. 7:89, 2006.
- 9/2008 **The best paper award of Journal of Japanese Dysphagia Rehabilitation** in 2008: “**Matsuo K**, Metani H, Mays K, Palmer JB: Temporal linkage of soft palate and jaw movements in feeding. Jpn J Dysphagia Rehabil. 12:20-30, 2008 (in Japanese)”.
- 3/2009 **New Investigator award Honorable mention at the seventeenth annual meeting of Dysphagia Research Society:** “**Matsuo K**, Palmer JB: Relationship between stage II transport and breathing. New Orleans, LA, 2009”.
- 10/2010 **The best paper award of Journal of Japanese Society for Disability and Oral Health** in 2009: “Sumida S, Ogasarawa T, Wwakimoto N, Kawase M, Hosaka K, **Matsuo K**, Ogata K:



Adjustment in dentistry for autistic persons from the viewpoint of development and special characteristics. J Jpn Soc. Disability Oral Health. 30:550-555, 2009.

- 6/2011 **The award of best oral presentation at the 22nd annual meeting of Japanese Society of Gerodontology:** Matsuo K, Kawase S, Wakimoto N, Ogasawara T: Effects of viscosity on feeding of two-phase food. Tokyo, Japan. Jpn J Gerodontology 26:105, 2011 (in Japanese).
- 11/2011 **Honorable mention of the presentation at the 20th congress of the iADH by Japanese Society for Disability and Oral Health:** Matsuo K, Kawase S, Wakimoto N, Iwatani K, Okada Y, Masuda Y, Ogasawara T: Relationship between pre-swallow food entry to the hypopharynx and breathing pattern during eating.
- 11/2011 **Honorable mention of the presentation at the 20th congress of the iADH by Japanese Society for Disability and Oral Health:** Wakimoto N, Matsuo K, Kawase S, Iwatani K, Okada Y, Ogasawara T: Effects of Head Rotation on Pre-swallow Food Transport During Feeding.
- 10/2017 **The best paper award of Journal of Japanese Society for Disability and Oral Health in 2016:** Matsuo K, Nakagawa K: Reliability and Validity of the Japanese Version of Oral Health Assessment Tool (OHAT-J). J Jpn Soc. Disability Oral Health. 37:1-7. 2016.

RESEARCH ACTIVITIES:

Grant:

- 2005 - 2008 Co-investigator, NIH Grant. NIDCD002123: Tongue-Jaw linkages in Feeding (PI, Jeffrey B. Palmer)
- 2009 - 2011 Grant-in-Aid for Young Scientists (B) from The Ministry of Education, Cululture, Sports, Science and Technology (2009 – 11), Principal Investigator, Effort: 30%, ¥3,300,000
- 2009 - 2010 Grant-in-Aid for Seeds project (A) from Japan Science and Technology Agency, Principal Investigator, Effort: 10%, ¥2,000,000
- 2010 - 2012 Grant-in-Aid for Scientific Research (C) from The Ministry of Education, Cululture, Sports, Science and Technology(2010– 12), Co-investigator, Effort: 5%, ¥150,000
- 2011 - 2012 Accelerating Utilization of University Intellectual Property Program from Japan Science and Technology Agency, Principal Investigator, Effort: 10%, ¥3,355,000
- 2011 - 2012 Grant-in-Aid for Scientific Research from Japanese Society of Dysphagia Rehabilitation (2011– 12), Principal investigator, Effort: 10%, ¥200,000
- 2012 - 2013 Grant-in-Aid for Young Scientists (B) from The Ministry of Education, Cululture, Sports, Science and Technology (2012 – 13), Principal Investigator, Effort: 25%, ¥2,800,000
- 2014 - 2016 Grant-in-Aid for Scientific Research (C) from The Ministry of Education, Cululture, Sports, Science and Technology, Principal Investigator, Effort: 20%, ¥3,700,000
- 2017 - 2019 Japan - Sweden Academia-Industry International Collaboration Program from Japan Science and Technology Agency “Innovative food technology systems for independent senior living”, Principal Investigator, Effort: 10%, ¥10,000,000



- 2019 - 2021 Japan - Sweden Academia-Industry International Collaboration Program from Japan Science and Technology Agency “Innovative solutions for senior independence”, Principal Investigator, Effort: 10%, ¥90,000,000
- 2021-2024 Grant-in-Aid for Scientific Research (B) from The Ministry of Education, Culuture, Sports, Science and Technology, Principal Investigator, Effort: 10%, ¥10,300,000

Publications:

Peer reviewed original research articles:

1. **Matsuo K**, Hiemae H, Palmer JB: Cyclic motion of the soft palate in feeding. J Dent Res 84: 39-42, 2005.
2. Saitoh E, Shibata S, **Matsuo K**, Baba M, Fujii W, Palmer JB: Chewing and food consistency: effects on bolus transport and swallow initiation. Dysphagia 22: 100-107, 2007.
3. Palmer JB, Hiemae KM, **Matsuo K**, Haishima H: Volitional control of food transport and bolus formation during feeding. Physiol Behav 91: 66-70, 2007.
4. Okada S, Saitoh E, Palmer JB, **Matsuo K**, Yokoyama M, Shigeta R, Baba M: What is the “Chin down” posture? A questionnaire survey of speech language pathologists in Japan and the United States. Dysphagia 22:204-209, 2007.
5. **Matsuo K**, Hiemae KM, Gonzalez-Fernandez M, Palmer JB: Respiration during feeding on solid food: alterations in breathing during mastication, food transport, pharyngeal bolus aggregation and swallowing. J Appl Physiol 104: 674-81, 2008.
6. Ogasawara T, Kawase S, Ozaki Y, **Matsuo K**, Kawase Y, Andou N, Kakinoki Y: Potential factors for dryness only at the dorsum of the tongue in the elderly requiring care. Gerodontology 25: 217-221, 2008.
7. **Matsuo K**, Palmer JB: Kinematic linkage of the tongue, jaw, and hyoid during eating and speech. Arch Oral Biol 55:325-331, 2010.
8. **Matsuo K**, Metani H, Mays KA, Palmer JB: Effects of respiration on soft palate movement in feeding. J Dent Res 89:1401-1406, 2010.
9. Tashiro K, Katoh T, Yoshinari N, Hirai K, Andoh N, Makii K, **Matsuo K**, Ogasawara T: The short-term effects of various oral care methods in dependent elderly: comparison between toothbrushing, tongue cleaning with sponge brush and wiping on oral mucous membrane by chlorhexidine. Gerodontology. 29:870-882 2012. doi: 10.1111/j.1741-2358.2011.00577
10. **Matsuo K**, Kawase S, Wakimoto N, Iwatani K, Masuda Y, Ogasawara T: Effect of viscosity on food transport and swallow initiation during eating of two-phase food in normal young adults: a pilot study. Dysphagia. 28:63-68, 2013. DOI: 10.1007/s00455-012-9413-1
11. Iwatani K, **Matsuo K**, Kawase S, Wakimoto N, Ogasawara T: Effects of Open Mouth and Rubber Dam on Upper Airway Patency and Breathing. Clin Oral Invest. 17:1295-1299, 2013 DOI: 10.1007/s00784-012-0810-5.
12. Taniguchi H, **Matsuo K**, Okazaki H, Yoda M, Inokuchi H, Gonzalez-Fernandez M, Inoue M, Palmer JB: Fluoroscopic Evaluation of Tongue and Jaw Movements During Mastication in Healthy Humans. Dysphagia. 28(3):419-27, 2013. doi: 10.1007/s00455-013-9453-1
13. Yamashita S, Sugita D, **Matsuo K**. Relationship between stage II transport and number of chewing strokes as mastication progresses. Physiol Behav. 122:100-103. 2013 Sep 8. doi: 10.1016/j.physbeh.2013.08.030.
14. Mikushi S, Seki S, Brodsky MB, **Matsuo K**, Palmer JB: Stage I intraoral food transport: Effects of food consistency and initial bolus size. Arch Oral Biol 59: 379-85, 2014. doi: 10.1016/j.archoralbio.2014.01.002
15. Kawase Y, Ogasawara T, Kawase S, Wakimoto N, **Matsuo K**, Shen FC, Hasegawa H, Kakinoki Y: Factors affecting the formation of membranous substances in the palates of elderly persons requiring nursing care. Gerodontology. 31:184-93, 2014. doi: 10.1111/ger.12020
16. Ikeda M, Miki T, Atsumi M, Inagaki A, Mizuguchi E, Meguro M, Daisuke Kanamori D, Nakagawa K, Watanabe R, Mano K, Aihara A, Hane Y, Mutoh T, **Matsuo K**: Effective elimination of contaminants after oral care in elderly institutionalized individuals. Geriatric Nursing. 35:295-299. 2014. doi:



- 10.1016/j.gerinurse.2014.03.003.
17. Nakagawa K, **Matsuo K**, Shibata S, Inamoto Y, Ito Y, Abe K, Ishibashi N, Fujii W, Saitoh E. Efficacy of a novel training food based on the process model of feeding for mastication and swallowing — a preliminary study in elderly individuals living at a residential facility -. *Jpn J Compr Rehabil Sci.* 5:72-78. 2014
 18. Inokuchi H, Brodsky MB, González-Fernández M, Yoda M, Hiraoka T, **Matsuo K**, Palmer JB. Frequency of Stage II Oral Transport Cycles in Healthy Human. *Dysphagia.* 29:685-691. 2014.
 19. Inokuchi H, González-Fernández M, **Matsuo K**, Brodsky MB, Yoda M, Taniguchi H, Okazaki H, Hiraoka T, Palmer JB. Electromyography of Swallowing with Fine Wire Intramuscular Electrodes in Healthy Human: Activation Sequence of Selected Hyoid Muscles. *Dysphagia.* 29:713-721. 2014.
 20. Saitoh E, **Matsuo K**, Inamoto Y, Ishikawa M, Tsubahara A: Twenty years of trans-disciplinary approach development for dysphagia rehabilitation in Japan. *Dysphagia.* 30:102-3. 2015. DOI: 10.1007/s00455-014-9591-0
 21. **Matsuo K**, Yokoyama M, Gonzalez-Fernandez M, Baba M, Saitoh E, Fujii W, Palmer JB: Coordination of Feeding and Swallowing in Individuals with Hemispheric Stroke. *J Neurol Neurophysiol.* 6:269-277. 2015 doi:10.4172/2155-9562.1000269.
 22. **Matsuo K**, Palmer JB: Coordination of oro-pharyngeal food transport during chewing and respiratory phase. *Physiol Behav.* 142:52-56. 2015. DOI: 10.1016/j.physbeh.2015.01.035
 23. Inokuchi H, González-Fernández M, **Matsuo K**, Brodsky MB, Yoda M, Taniguchi H, Okazaki H, Hiraoka T, Palmer JB: Electromyography of Swallowing with Fine Wire Intramuscular Electrodes in Healthy Human: Amplitude Difference of Selected Hyoid Muscles. *Dysphagia.* 31:33-40. 2016.
 24. **Matsuo K**, R Watanabe, D Kanamori, K Nakagawa, W Fujii, Y Urasaki, M Murai, N Mori, T Higashiguchi: Associations between oral complications and days to death in palliative care patients. *Support Care Cancer.* 24:157-161. 2016. DOI 10.1007/s00520-015-2759-9.
 25. Nakagawa K., **Matsuo K.**, Takagi D., Morita Y., Ooka T., Hironaka S, Mukai Y. Effects of gum chewing exercises on saliva secretion and occlusal force in community-dwelling elderly individuals: A pilot study. *Geriatr Gerontol Int.* 17:48-53. 2017. doi: 10.1111/ggi.12670..
 26. Yeamada T, **Matsuo K**, Izawa M, Yamada S, Masuda Y, Ogasawara T: Effects of age and viscosity on food transport and breathing-swallowing coordination during eating of two-phase food in elderly individuals. *Geriatr Gerontol Int.* 17:2171-2177. 2017. doi: 10.1111/ggi.13056
 27. Shibata S, Kagaya H, Tanaka S, Fujii W, Nakagawa K, **Matsuo K**, Abe K, Ishibashi N, Inamoto Y, Saitoh E. Efficacy of a novel training food based on the process model of feeding for mastication and swallowing — a study among dysphagia patients -. *Jpn J Compr Rehabil Sci.* 8:82-87. 2017.
 28. Taniguchi H, Aoyagi Y, Nakagawa K, Saitoh E, **Matsuo K**: Development of an oesophageal stimulation method to elicit swallowing reflex in humans. *J Oral Rehabil.* 45(3):211-215. 2018. DOI: 10.1111/joor.12599
 29. Minakuchi S, Tsuga K, Ikebe K, Ueda T, Tamura F, Nagao K, Furuya J, **Matsuo K**, Yamamoto K, Kanazawa M, Watanabe Y, Hirano H, Kikutani T, Sakurai K. Oral Hypofunction in the Older Population: Position Paper of the Japanese Society of Gerodontology in 2016. *Gerodontology* 35(4):317-324. 2018. doi: 10.1111/ger.12347.
 30. Muramatsu K, **Matsuo K**, Kawai Y, Amano K, Yamamoto T, Watanabe R, Hara Y, Shimomura Y, Yamashita C, Nishida O: The changes in oral bacteria amounts during oral care in critically ill patients with endotracheal intubation and after extubation. *Jpn J Nurs Sci.* 16:80-87. 2019. DOI: 10.1111/jjns.12217
 31. Taniguchi H, **Matsuo K**, Nakagawa K, Furuya J, Kanazawa M, Minakuchi S: Decline in tongue pressure during perioperative period in cancer patients without oral feeding. *Clin Nutr ESPEN.* 29:183-188. 2019. DOI: 10.1016/j.clnesp.2018.10.008
 32. Nakata H, **Matsuo K**, Suzuki H, Yoshihara A: Perioperative changes in knowledge and attitude towards oral health by oral health education. *Oral Dis.* 25:1214-1220. 2019. doi: 10.1111/odi.13048.
 33. Nakagawa K, **Matsuo K**: Assessment of oral function and proper diet level for frail elderly individuals in nursing homes using chewing training food. *J Nutr Health Aging.* 23(5):483-489. 2019. doi: 10.1007/s12603-019-1192-z
 34. Kito N, **Matsuo K**, Ogawa K, Izumi A, Kishima M, Itoda M, Masuda Y: Positive effects of physical and oral exercises combined with “textured lunch” gatherings on physical and oral function in older



- individuals: a cluster randomized controlled trial. *J Nutr Health Aging*. 23(7):669-676. 2019. DOI:10.1007/s12603-019-1216-8.
35. Suzuki H, **Matsuo K**, Okamoto M, Nakata H, Sakamoto H, Fujita M: Preoperative periodontal treatment and its effects on postoperative infection in cardiac valve replacement patients. *Clin Exp Dent Res*. 5:485-490. 2019. DOI:10.1002/cre2.212
 36. Suzuki H, **Matsuo K**, Okamoto M, Nakata H, Sakamoto H, Fujita M: Perioperative changes in oral bacteria amount in patients undergoing cardiac valve surgery. *J Oral Sci*. 61:526-528. 2019. DOI: 10.2334/josnusd.18-0380.
 37. Kobayashi Y, Kanamori D, Fujii N, Kataoka Y, Hirai E, Yoshioka S, Satoh K, Toyama H, Naito K, **Matsuo K**: Velopharyngeal closure analysis using four-dimensional computed tomography: a pilot study of healthy volunteers and adult patients with cleft palate. *BMC Med Imaging* 19 (1):54. doi:10.1186/s12880-019-0350-4
 38. Kanamori D, Fujii N, Inamoto Y, Aihara K, Kobayashi M, Aoyagi Y, **Matsuo K**, Kagaya H, Toyama H, Sonoda S, Saitoh E: Double-contrast tongue surface imaging technique in swallowing computed tomography. *Radiol Diagn Imaging*. 3:1-4. 2019. doi: 10.15761/RDI.1000164
 39. **Matsuo K**, Kito N, Ogawa K, Izumi A, Masuda Y: Effects of textured foods on masticatory muscle activity in older adults with oral hypofunction. *J Oral Rehabil*. 47:180-186. 2020. DOI: 10.1111/joor.12901
 40. Taniguchi H, Aoyagi Y, **Matsuo K**, Imaeda S, Hirimuta M, Saitoh E: Imitation of the Swallowing Reflex by Esophageal Stimulation in Healthy Subjects: An Evaluation Using High-Resolution Manometry. *Dysphagia*. 35(4):657-666. 2020. doi: 10.1007/s00455-019-10068-z.
 41. Benjapornlert P, Kagaya H, Shibata S, **Matsuo K**, Inamoto Y, Kittipanya-ngam P, Saitoh E: The prevalence and findings of fibre-optic endoscopic evaluation of swallowing in hospitalised patients with dysphagia. *J Oral Rehabil*. 47(8):983-988. 2020. DOI: 10.1111/joor.13026
 42. Suzuki H, **Matsuo K**: A patient with tuberous sclerosis complex for oral mucositis under everolimus. *International Journal of Disability and Oral Health*. 16(1):42 – 47. 2020. doi: 10.22843/ijdo.2020.16.1.42
 43. Okui T, Kobayashi Y, Tsujimoto M, Satoh K, Toyama H, **Matsuo K**: Quantitative evaluation of anti-resorptive agent-related osteonecrosis of the jaw using bone single photon emission computed tomography in clinical settings: relationship between clinical stage and imaging. *Annals of Nuclear Medicine* 34:620-628. 2020. DOI: 10.1007/s12149-020-01485-4
 44. **Matsuo K**, Kito N, Ogawa K, Izumi A, Kishima M, Itoda M, Masuda Y: Improvement of oral hypofunction by a comprehensive oral and physical exercise program including textured lunch gatherings. *J Oral Rehabil*. 48:411-421. 2021. doi.org/10.1111/joor.13122
 45. Vergara, J., S. A. Skoretz, M. B. Brodsky, A. Miles, S. E. Langmore, S. Wallace, J. Seedat, H. M. Starmer, L. Bolton, P. Clavé, S. V. Freitas, H. Bogaardt, **K. Matsuo**, C. M. de Souza, and L. F. Mourão. I. Assessment, Diagnosis, and Treatment of Dysphagia in Patients Infected With SARS-CoV-2: A Review of the Literature and International Guidelines. *Am J Speech Lang Pathol*. 2020;29(4):2242-53. Doi: 10.1044/2020_AJSLP-20-00163
 46. Sugimoto, T., T. Sakurai, H. Akatsu, T. Doi, Y. Fujiwara, A. Hirakawa, F. Kinoshita, M. Kuzuya, S. Lee, **K. Matsuo**, M. Michikawa, S. Ogawa, R. Otsuka, K. Sato, H. Shimada, H. Suzuki, H. Suzuki, H. Takechi, S. Takeda, H. Umegaki, S. Wakayama, H. Arai and J. M. investigators. The Japan-Multimodal Intervention Trial for Prevention of Dementia (J-MINT): The Study Protocol for an 18-Month, Multicenter, Randomized, Controlled Trial. *J Prev Alz Dis* 2021;4(8):465-476. doi.org/10.14283/jpad.2021.29
 47. Horibe Y, **Matsuo K**, Ikebe K, Minakuchi S, Sato Y, Sakurai K, Ueda T. Relationship between two pressure-sensitive films for testing reduced occlusal force in diagnostic criteria for oral hypofunction. *Gerodontology*. 39:3-9. 2022. DOI: 10.1111/ger.12538
 48. **Matsuo K**, Sekimoto Y, Okamoto M, Shibata S, Otaka Y: Oral function and food intake status in subacute stroke patients admitting to a convalescent rehabilitation unit. *Gerodontology*. 39:67-73. 2022. doi.org/10.1111/ger.12586
 49. Hidaka R, **Matsuo K**, Maruyama T, Kawasaki K, Tasaka I, Arai M, Sakoda S, Higuchi K, Jinno E, Yamada T, Minakuchi S. Impact of COVID-19 on the Surrounding Environment of Nursing Home



- Residents and Attitudes towards Infection Control and Oral Health Care among Nursing Home Staff in Japan. *J Clin Med.* 12(5): 1944. 2023. <https://doi.org/10.3390/jcm12051944>
50. Hidaka R, Masuda Y, Ogawa K, Tanaka T, Kanazawa M, Suzuki K, Stading M, Iijima K, **Matsuo K**, Impact of the Comprehensive Awareness Modification of Mouth, Chewing and Meal (CAMCAM) program on the attitude and behavior towards oral health and eating habits as well as the condition of oral frailty, A pilot study, *J Nutr Health Aging*, 27(5): 340-347, 2023. doi:10.1007/s12603-023-1913-1

Peer reviewed scientific review articles:

1. **Matsuo K**, Palmer JB: Anatomy and Physiology of Feeding and Swallowing – Normal and Abnormal -. *Phys Med Rehabil Clin N Am* 19:691–707, 2008.
2. **Matsuo K**, Palmer JB: Coordination of Mastication, Swallowing and Breathing. *Jpn Dent Sci Rev* 45(1):31-40, 2009.
3. **Matsuo K**, Palmer JB: Videofluorographic techniques for the study of oral food processing. *Curr Opin Food Sci.* 9:1-10, 2016. DOI: 10.1016/j.cofs.2016.03.004 IF: none
4. **Matsuo K**: Role of Oral Health in Dysphagic Stroke Recovery. *Curr Phys Med Rehabil Rep.* 4:257-261, 2016. DOI: 10.1007/s40141-016-0135-4 IF: none
5. **Matsuo K**, Fujishima I: Textural changes by mastication and proper food texture for patients with oropharyngeal dysphagia. *Nutrients.* 12 (6):1613. 2020. doi.org/10.3390/nu12061613
6. Vergara J, Skoretz SA, Brodsky MB, Miles A, Langmore SE, Wallace S, Seedat J, Starmer HM, Bolton L, Clavé P, Freitas SV, Bogaardt H, **Matsuo K**, de Souza CM, Mourão LF. Assessment, Diagnosis, and Treatment of Dysphagia in Patients Infected With SARS-CoV-2: A Review of the Literature and International Guidelines. *Am J Speech Lang Pathol.* 29(4):2242-2253. 2020. doi.org/10.1044/2020_AJSLP-20-00163.
7. **Matsuo K**, Palmer JB: Anatomy and physiology of feeding and swallowing: normal and abnormal. *Clinics in Integrated Care* 2023; 16: 100139. doi.org/10.1016/j.intcar.2023.100139

Chapters in Professional Books and Conference Proceedings:

1. Palmer JB, **Matsuo K**: Dysphagia. In: Frontera W, Silver J, Rizzo T (Eds): *Essentials of Physical Medicine and Rehabilitation: Musculoskeletal Disorders, Pain, and Rehabilitation* (Ed. 2). Philadelphia: Elsevier, 2008. pp. 679-683.
2. Gonzalez-Fernandez G, Monahan D, **Matsuo K**, Palmer JB: Dysphagia. In: Stein J, Harvey R, Macko R, Winstein C, and Zorowitz R (Eds): *Stroke Recovery and Rehabilitation*. New York Demos Medical Publishing, 2008, pp. 183-200.
3. Palmer JB, Pelletier C, **Matsuo K**: Rehabilitation of Patients with Swallowing Disorders. In: Braddom R Chan L, Harrast MA, Kowalske KJ, Matthews DJ, Ragnarsson KT, Stolp KA (Eds): *Physical Medicine and Rehabilitation* (Ed. 4). Philadelphia: Elsevier, 2011, pp. 581-600.
4. **Matsuo K**, Palmer JB: Oral preparatory and propulsive stages of deglutition. In: *Principles of Deglutition: A Multidisciplinary Text for Swallowing and its Disorders*. Shaker R, Belafsky PC, Postma GN, Easterling C (Eds), New York, Springer, 2013. pp. 117-132.
5. Gonzalez-Fernandez G, Monahan D, **Matsuo K**, Palmer JB: Dysphagia. In: Stein J, Harvey R, Winstein C, Zorowitz R and Wittenberg G (Eds): *Stroke Recovery and Rehabilitation* (Ed. 2). New York Demos Medical Publishing, 2014, pp. 207-224.
6. **Matsuo K**, Palmer JB: Dysphagia. In: Frontera W, Silver J, Rizzo T (Eds): *Essentials of Physical Medicine and Rehabilitation: Musculoskeletal Disorders, Pain, and Rehabilitation* (Ed. 3). Philadelphia: Elsevier, 2014. pp.665-669.
7. *Dysphagia Evaluation and Treatment*. E Saitoh, K Pongpipatpaiboon, Y Inamoto, H Kagaya (Eds). Springer Nature Singapore Pte Ltd., 2018, pp1-194. ISBN 978-981-10-5032-9 DOI. <https://doi.org/10.1007/978-981-10-5032-9>.
8. **Matsuo K**, Palmer JB: Dysphagia. In: Frontera W, Silver J, Rizzo T (Eds): *Essentials of Physical Medicine and Rehabilitation: Musculoskeletal Disorders, Pain, and Rehabilitation* (Ed. 4). Philadelphia: Elsevier, 2018. pp. 724-728.



Dysphagia Research Society: Board member (2018-2020)

International association for disability and oral health: International councilor, International Advisory Committee (2021-

International association for disability and oral health (20208038)

International councilor, International Advisory Committee (2021-), Scientific Committee (2023-)

International Association of Gerontology And Geriatrics (IAGG) Asia/Oceania Region Secretary Elect (2022-)