

## 5. References

1. Walter R. Frontera, *Rehabilitation of older Adults with Sarcopenia: From Cell to Functioning*, 2022 *Progress in Rehabilitation Medicine*, Volume 7 Article ID: 20220044, from [https://www.jstage.jst.go.jp/article/prm/7/0/7\\_20220044/\\_article](https://www.jstage.jst.go.jp/article/prm/7/0/7_20220044/_article)
2. AJ Cruz-Jentoft *et al.*, *Sarcopenia: revised European consensus on definition and diagnosis*, *Oxford Journals Age and Ageing*, 2019, Jan; 48(1): 16–31, Published online 2018 Sep 24. from doi: [10.1093/ageing/afy169](https://doi.org/10.1093/ageing/afy169)
3. Liang-Kung Chen, MD *et al.*, *Asian Working Group for Sarcopenia: 2019 Consensus Update on Sarcopenia Diagnosis and Treatment*, *The Journal of Post-Acute and Long-Term Care Medicine*, J Am Med Dir Assoc. 2020 Mar;21(3):300-307.e2 from <https://pubmed.ncbi.nlm.nih.gov/32033882/>
4. Seungwoo Cha, Won-Seok Kim, Ki Woong Kim *et al.*, *Sarcopenia is an Independent Risk Factor for Dysphagia in Community-Dwelling Older Adults* *Dysphagia*. 2019 Oct;34(5):692-697, PMID: 30612233 from <https://pubmed.ncbi.nlm.nih.gov/30612233/>
5. Human Mirzakhani, MD *et al.* Muscle Weakness Predicts Pharyngeal Dysfunction and Symptomatic Aspiration in Long-term Ventilated Patients, *Anesthesiology* August 2013, Vol. 119, 389–397, from <https://doi.org/10.1097/ALN.0b013e31829373fe>
6. Sigvard Sobestiansky *et al.* *Sarcopenia prevalence and associations with mortality and hospitalisation by various sarcopenia definitions in 85–89 year old community-dwelling men: a report from the ULSAM study*, *BMC Geriatrics*, 19, Article number: 318 (2019)

from <https://bmcgeriatr.biomedcentral.com/articles/10.1186/s12877-019-1338-1>

7. Kotomi Sakai, Osamu Takahashi, Takahiro Takehisa, Yozo Takehisa, Koichiro Ueda, Enri Nakayama, Haruka Tohara, Mayumi Hayata, Sayako Ohnishi, Hidetaka Tsuzuki, *Diagnostic accuracy of lip force and tongue strength for sarcopenic dysphagia in older inpatients: A cross-sectional observational study*

Clinical Nutrition, **Volume 38, Issue 1**, February 2019, Pages 303-309,

from DOI: [10.1016/j.clnu.2018.01.016](https://doi.org/10.1016/j.clnu.2018.01.016)

8. Sakai K, Gilmour S, Yoneoka D, Hoshino E, Ryo Momosaki, Nobuo Sakata, Enri Nakayama, *A Machine Learning-based Screening Test for Sarcopenic Dysphagia using Image Recognition*, *Nutrients* 2021; 13(11): 4009.

from DOI: [10.3390/nu13114009](https://doi.org/10.3390/nu13114009)

9. H Wakabayashi *et al.* *The Prevalence and Prognosis of Sarcopenic Dysphagia in Patients Who Require Dysphagia Rehabilitation*, *J Nuts Health Aging* 2019;23(1):84-88. PMID: 30569074, from <https://pubmed.ncbi.nlm.nih.gov/30569074/>

10 The European Parliament, *Japan's ageing society* BRIEFING Continental democracies, from [https://www.europarl.europa.eu/RegData/etudes/BRIE/2020/659419/EPRS\\_BRI\(2020\)659419\\_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/BRIE/2020/659419/EPRS_BRI(2020)659419_EN.pdf)

11 Elif Bayraktar, MD *et al.* *Relationship between Sarcopenia and Mortality in Elderly Inpatients*, 2020 Feb; 52(1): 29–33., *Eurasian Journal of Medicine* 2020 Feb; 52(1): 29–33., from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7051235/>

12 Ali Tuna *et al.*, *Sarcopenic dysphagia following COVID-19 infection: A new danger*, *Nuts Coin Pract. Nutr Chin Pract.* 2021 Aug;36(4):828-832. PMID: 34161626,

PMCID: [PMC8441725](https://pubmed.ncbi.nlm.nih.gov/34161626/), from <https://pubmed.ncbi.nlm.nih.gov/34161626/>

13 Jordan C *et al.* *Anatomy, Head and Neck, Swallowing*, SeatPerls Publishing LLC.

Updated August 8, 2022., from <https://www.ncbi.nlm.nih.gov/books/NBK554405/>

14 Masami Akai, *Dysphagia Rehabilitation Manual*, Dysphagia Rehabilitation Center for Persons with Disabilities Japan (WHO Collaborating Centre), July 2015,

from <http://www.rehab.go.jp/english/pdf/E30.pdf>

15 Laura Mariani *et al.* *Accuracy of Dysphagia Standard Assessment (DSA®) bedside screening test: a flowchart for patient eligibility*, *Neurological Sciences*, 43, 5411-5419

(2022), from <https://link.springer.com/article/10.1007/s10072-022-06175-9>

16 Alexey Dosovitskiy *et al.*, *An Image is Worth 16 x 16 Words: Transformers for Image Recognition at Scale*, last revised 3 Jun 2021 (version, v2),

from <https://arxiv.org/abs/2010.11929>

17 Chun-Fu (Richard) Chen *et al.*, *REGIONVIT: REGIONAL-TO-LOCAL ATTENTION FOR VISION TRANSFORMERS*, last revised 31 Mar 2022 (version, v3)

from <https://arxiv.org/pdf/2106.02689.pdf> <https://arxiv.org/abs/2106.02689v3>

18 Spillos Dellis *et al.* *Sarcopenic Dysphagia. A Narrative Review*, *J Frailty Sarcopenia Falls*. 2018 Mar; 3(1): 1–7. Published online 2018 Mar 1. doi: [10.22540/JFSF-03-001](https://doi.org/10.22540/JFSF-03-001), from

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7155347/>

19 Kuan-Cheng Chen *et al.* *Sarcopenic Dysphagia. A Narrative Review from Diagnosis to Intervention*, *Nutrients*. 2021 Nov 12;13(11):4043

from <https://pubmed.ncbi.nlm.nih.gov/34836299/>

- 20 Wuyang Chen *et al.*, *A Simple Single-Scale Vision Transformer for Object Detection and Instance Segmentation*, ECCV 2022: Computer Vision pp 711, from [https://link.springer.com/chapter/10.1007/978-3-031-20080-9\\_41](https://link.springer.com/chapter/10.1007/978-3-031-20080-9_41)
- 21 Muzammal Naseer *et al.*, *Intriguing Properties of Vision Transformers*, last revised 25 Nov 2021 (version, v3), from, <https://arxiv.org/abs/2105.10497>,
- 22 Ashish Vaswani *et al.* *Attention Is All You Need*, last revised 6 Dec 2017 (version, v5), from <https://arxiv.org/abs/1706.03762>
- 23 Tufts Face Database, from <http://tdface.ece.tufts.edu/>
- 24 Panetta, Karen, Qianwen Wan, Sos Agaian, Srijith Rajeev, Shreyas Kamath, Rahul Rajendran, Shishir Rao *et al.*, *A comprehensive database for benchmarking imaging systems. IEEE Transactions on Pattern Analysis and Machine Intelligence* (2018), from <https://ieeexplore.ieee.org/document/8554155>
- 25 Martin B. Brodsky *et al.*, *Screening Accuracy for Aspiration Using Bedside Water Swallow Tests: A Systematic Review and Meta-Analysis*, CHEST Volume 150, Issue 1, July 2016, Pages 148-163 from <https://www.sciencedirect.com/science/article/abs/pii/S0012369216485466>
- 26 Jaykumar R Menon, *Pharyngeal Dysphagia*, International Journal of Head and Neck Surgery Volume 13 | Issue 1 | Year 2022, from <https://www.ijhns.com/doi/pdf/10.5005/jp-journals-10001-1525>
- 27 Ichiro Fujishima *et al.*, *Sarcopenia and dysphagia: Position paper by four professional organizations*, Geriatrics & Gerontology International, SPECIAL ARTICLE, 09 January 2019, from <https://onlinelibrary.wiley.com/doi/10.1111/ggi.13591>