

References

- Abraham, S. S., & Wolf, E. L. (2000). Swallowing physiology of toddlers with long-term tracheostomies: a preliminary study. *Dysphagia*, 15(4), 206–212. <https://doi.org/10.1007/s004550000029>
- Ajemian, M. S., Nirmul, G. B., Anderson, M. T., Zirlen, D. M., & Kwasnik, E. M. (2001). Routine fiberoptic endoscopic evaluation of swallowing following prolonged intubation: implications for management. *Archives of surgery (Chicago, Ill. : 1960)*, 136(4), 434–437. <https://doi.org/10.1001/archsurg.136.4.434>
- Albert, G. P., Hwang, D. Y., & George, B. P. (2021). Abstract P273: Hospitalization costs for United States stroke patients receiving tracheostomy. *Stroke*, 52(Suppl_1). https://doi.org/10.1161/str.52.suppl_1.p273
- Bailey, E. F., & Fregosi, R. F. (2004). Coordination of intrinsic and extrinsic tongue muscles during spontaneous breathing in the rat. *Journal of applied physiology (Bethesda, Md. : 1985)*, 96(2), 440–449. <https://doi.org/10.1152/jappphysiol.00733.2003>
- Bloomfield, S.A. (1997) Changes in musculoskeletal structure and function with prolonged bed rest. *Medicine & Science in Sports & Exercise*, 29, 197-206. doi:10.1097/00005768-199702000-00006
- Bonanno P. C. (1971). Swallowing dysfunction after tracheostomy. *Annals of surgery*, 174(1), 29–33. <https://doi.org/10.1097/00000658-197107010-00005>
- Buckwalter, J. A., & Sasaki, C. T. (1984). Effect of tracheotomy on laryngeal function. *Otolaryngologic clinics of North America*, 17(1), 41–48.
- Cameron, J. L., Reynolds, J., & Zuidema, G. D. (1973). Aspiration in patients with tracheostomies. *Surgery, gynecology & obstetrics*, 136(1), 68–70.
- Colice G. L. (1992). Resolution of laryngeal injury following translaryngeal intubation. *The American review of respiratory disease*, 145(2 Pt 1), 361–364. https://doi.org/10.1164/ajrccm/145.2_Pt_1.361
- Convertino, V. A., Bloomfield, S. A., & Greenleaf, J. E. (1997). An overview of the issues: physiological effects of bed rest and restricted physical activity. *Medicine and science in sports and exercise*, 29(2), 187–190. <https://doi.org/10.1097/00005768-199702000-00004>

- Crary M. A. (1995). A direct intervention program for chronic neurogenic dysphagia secondary to brainstem stroke. *Dysphagia*, 10(1), 6–18. <https://doi.org/10.1007/BF00261273>
- de Larminat, V., Montravers, P., Dureuil, B., & Desmots, J. M. (1995). Alteration in swallowing reflex after extubation in intensive care unit patients. *Critical care medicine*, 23(3), 486–490. <https://doi.org/10.1097/00003246-199503000-00012>
- Dettelbach, M. A., Gross, R. D., Mahlmann, J., & Eibling, D. E. (1995). Effect of the Passy-Muir Valve on aspiration in patients with tracheostomy. *Head & neck*, 17(4), 297–302. <https://doi.org/10.1002/hed.2880170405>
- Ding, R., & Logemann, J. A. (2005). Swallow physiology in patients with trach cuff inflated or deflated: a retrospective study. *Head & neck*, 27(9), 809–813. <https://doi.org/10.1002/hed.20248>
- Eibling, D. E., & Gross, R. D. (1996). Subglottic air pressure: a key component of swallowing efficiency. *The Annals of otology, rhinology, and laryngology*, 105(4), 253–258. <https://doi.org/10.1177/000348949610500401>
- Elpern, E. H., Scott, M. G., Petro, L., & Ries, M. H. (1994). Pulmonary aspiration in mechanically ventilated patients with tracheostomies. *Chest*, 105(2), 563–566. <https://doi.org/10.1378/chest.105.2.563>
- German, R. Z., & Palmer, J. B. (2006). *Anatomy and Development of Oral Cavity and Pharynx*. <https://doi.org/doi:10.1038/gimo5>
- Gross, R. D., Mahlmann, J., & Grayhack, J. P. (2003). Physiologic effects of open and closed tracheostomy tubes on the pharyngeal swallow. *The Annals of otology, rhinology, and laryngology*, 112(2), 143–152.
- Gross, R. D., Steinhauer, K. M., Zajac, D. J., & Weissler, M. C. (2006). Direct measurement of subglottic air pressure while swallowing. *The Laryngoscope*, 116(5), 753–761. <https://doi.org/10.1097/01.mlg.0000205168.39446.12>
- Kairaitis K. (2010). Is the pharynx a muscular hydrostat?. *Medical hypotheses*, 74(3), 590–595. <https://doi.org/10.1016/j.mehy.2009.06.040>

- Kent R. D. (2004). The uniqueness of speech among motor systems. *Clinical linguistics & phonetics*, 18(6-8), 495–505. <https://doi.org/10.1080/02699200410001703600>
- Leder, S. B., Tarro, J. M., & Burrell, M. I. (1996). Effect of occlusion of a tracheotomy tube on aspiration. *Dysphagia*, 11(4), 254–258. <https://doi.org/10.1007/BF00265211>
- Leder, S. B., Cohn, S. M., & Moller, B. A. (1998). Fiberoptic endoscopic documentation of the high incidence of aspiration following extubation in critically ill trauma patients. *Dysphagia*, 13(4), 208–212. <https://doi.org/10.1007/PL00009573>
- Leder S. B. (1999). Effect of a one-way tracheotomy speaking valve on the incidence of aspiration in previously aspirating patients with tracheotomy. *Dysphagia*, 14(2), 73–77. <https://doi.org/10.1007/PL00009590>
- Leder, S. B., & Ross, D. A. (2000). Investigation of the causal relationship between tracheotomy and aspiration in the acute care setting. *The Laryngoscope*, 110(4), 641–644. <https://doi.org/10.1097/00005537-200004000-00019>
- Leder, S. B., Joe, J. K., Hill, S. E., & Traube, M. (2001). Effect of tracheotomy tube occlusion on upper esophageal sphincter and pharyngeal pressures in aspirating and nonaspirating patients. *Dysphagia*, 16(2), 79–82. <https://doi.org/10.1007/PL00021294>
- Leder, S. B., Joe, J. K., Ross, D. A., Coelho, D. H., & Mendes, J. (2005). Presence of a tracheotomy tube and aspiration status in early, postsurgical head and neck cancer patients. *Head & neck*, 27(9), 757–761. <https://doi.org/10.1002/hed.20239>
- Lee, A. K., Tey, J. B., Lim, Y., & Sia, A. T. (2009). Comparison of the single-use LMA supreme with the reusable ProSeal LMA for anaesthesia in gynaecological laparoscopic surgery. *Anaesthesia and intensive care*, 37(5), 815–819. <https://doi.org/10.1177/0310057X0903700537>
- Logemann, J. A., Pauloski, B. R., & Colangelo, L. (1998). Light digital occlusion of the tracheostomy tube: a pilot study of effects on aspiration and biomechanics of the swallow. *Head & neck*, 20(1), 52–57. [https://doi.org/10.1002/\(sici\)1097-0347\(199801\)20:1<52::aid-hed8>3.0.co;2-2](https://doi.org/10.1002/(sici)1097-0347(199801)20:1<52::aid-hed8>3.0.co;2-2)
- Mann, Jennifer & Goh, Nicole & Holland, Anne & Khor, Yet. (2021). Cough in Idiopathic Pulmonary Fibrosis. *Frontiers in Rehabilitation Sciences*. 2. 10.3389/fresc.2021.751798.

- Martin-Harris, B. (2003). Integration of breathing and oropharyngeal swallowing: A historical perspective and 13-year research experience. *Perspectives on Swallowing and Swallowing Disorders (Dysphagia)*, 12(3), 6–12. <https://doi.org/10.1044/sasd12.3.6>
- Morgan, L. B., Sapienza, C. M., & Rosenbek, J. C. (2007). Strength-training exercise in dysphagia rehabilitation: principles, procedures, and directions for future research. *Dysphagia*, 22(3), 251–265. <https://doi.org/10.1007/s00455-006-9074-z>
- Morgan, L. B. (2017). Exercise-based dysphagia rehabilitation: Past, present, and future. *Perspectives of the ASHA Special Interest Groups*, 2(13), 36–43. <https://doi.org/10.1044/persp2.sig13.36>
- Murray, J., Langmore, S. E., Ginsberg, S., & Dostie, A. (1996). The significance of accumulated oropharyngeal secretions and swallowing frequency in predicting aspiration. *Dysphagia*, 11(2), 99–103. <https://doi.org/10.1007/BF00417898>
- Muz, J., Mathog, R. H., Nelson, R., & Jones, L. A., Jr (1989). Aspiration in patients with head and neck cancer and tracheostomy. *American journal of otolaryngology*, 10(4), 282–286. [https://doi.org/10.1016/0196-0709\(89\)90009-4](https://doi.org/10.1016/0196-0709(89)90009-4)
- Nash M. (1988). Swallowing problems in the tracheotomized patient. *Otolaryngologic clinics of North America*, 21(4), 701–709.
- Sasaki, C. T., Suzuki, M., Horiuchi, M., & Kirchner, J. A. (1977). The effect of tracheostomy on the laryngeal closure reflex. *The Laryngoscope*, 87(9 Pt 1), 1428–1433. <https://doi.org/10.1288/00005537-197709000-00003>
- Shaker, R., Milbrath, M., Ren, J., Campbell, B., Toohill, R., & Hogan, W. (1995). Deglutitive aspiration in patients with tracheostomy: effect of tracheostomy on the duration of vocal cord closure. *Gastroenterology*, 108(5), 1357–1360. [https://doi.org/10.1016/0016-5085\(95\)90682-7](https://doi.org/10.1016/0016-5085(95)90682-7)
- Speed, L., & Harding, K. E. (2013). Tracheostomy teams reduce total tracheostomy time and increase speaking valve use: a systematic review and meta-analysis. *Journal of critical care*, 28(2), . <https://doi.org/10.1016/j.jcrc.2012.05.005>

- Stachler, R. J., Hamlet, S. L., Choi, J., & Fleming, S. (1996). Scintigraphic quantification of aspiration reduction with the Passy-Muir valve. *The Laryngoscope*, *106*(2 Pt 1), 231–234.
<https://doi.org/10.1097/00005537-199602000-00024>
- Stauffer, J. L., Olson, D. E., & Petty, T. L. (1981). Complications and consequences of endotracheal intubation and tracheotomy. A prospective study of 150 critically ill adult patients. *The American journal of medicine*, *70*(1), 65–76. [https://doi.org/10.1016/0002-9343\(81\)90413-7](https://doi.org/10.1016/0002-9343(81)90413-7)
- Suiter, D. M., McCullough, G. H., & Powell, P. W. (2003). Effects of cuff deflation and one-way tracheostomy speaking valve placement on swallow physiology. *Dysphagia*, *18*(4), 284–292.
<https://doi.org/10.1007/s00455-003-0022-x>
- Sutt, A. L., Caruana, L. R., Dunster, K. R., Cornwell, P. L., Anstey, C. M., & Fraser, J. F. (2016). Speaking valves in tracheostomised ICU patients weaning off mechanical ventilation--do they facilitate lung recruitment?. *Critical care (London, England)*, *20*, 91. <https://doi.org/10.1186/s13054-016-1249-x>
- Urso, M. L., Clarkson, P. M., & Price, T. B. (2006). Immobilization effects in young and older adults. *European journal of applied physiology*, *96*(5), 564–571. <https://doi.org/10.1007/s00421-005-0109-1>
- Wilkins RL, Stoller JK, Scanlan CL: Egan's Fundamentals of Respiratory Care, ed 8. St. Louis, Mosby, 2003
- Whited R. E. (1984). A prospective study of laryngotracheal sequelae in long-term intubation. *The Laryngoscope*, *94*(3), 367–377. <https://doi.org/10.1288/00005537-198403000-00014>