

This document contains references to scientific papers that present research evidence about dysphagia in particular client groups.

Dysphagia in adult patients in critical care settings

Articles kindly identified by Sarah Wallace, Speech and Language Therapist, UK.

Macht M et al. (2011) Post extubation dysphagia is persistent and associated with poor outcomes in survivors of critical illness. *Critical Care*, 15(5):R231

McGrath BA & Wallace S. (2014) The UK National Tracheostomy Safety Project and the role of speech and language therapists. *Current Opinion in Otolaryngology & Head and Neck Surgery*, 22(3):181-187. doi:10.1097/MOO.000000000000046.

Ponfick M, Linden R, & Nowak DA (2015) Dysphagia – a common, transient symptom in critical illness polyneuropathy: a FEES study. *Critical Care Medicine*, 43(2):365-72

Pryor L, Ward E, Cornwell P, O'Connor S & Chapman M. (2016) Patterns of return to oral intake and decannulation post-tracheostomy across clinical populations in an acute inpatient setting, *International Journal of Language and Communication Disorders*, 51(5):556-67. doi: 10.1111/1460-6984.12231.VOL. 00, NO. 0, 1–12.

Warnecke T, Suntrup S, Teismann IK, Hamacher C, Oelenberg S, Dziewas R. (2013) Standardised endoscopic swallowing evaluation for tracheostomy decannulation in critically ill neurologic patients. *Critical Care Medicine*, Jul;41(7):1728-32. doi: 10.1097/CCM.0b013e31828a4626.

Dysphagia in adults and children with learning disability

Articles kindly identified by Dr Hannah Crawford, Speech and Language Therapist, UK.

Crawford H, Leslie P & Drinnan MJ (2007) Compliance with Dysphagia Recommendations by Carers of Adults with Intellectual Impairment, *Dysphagia*, 22(4): 326-334

Emerson E, Hatton C, Robertson J, Roberts H, Baines S & Glover G (2010) *Health Inequalities & People with Learning Disabilities in the UK*, Learning Disabilities Observatory.

Guthrie S & Stansfield J (2017) Teatime Threats. Choking Incidents at the Evening Meal, *J Applied Research in Intellectual Disabilities.*, 30(1):47-60

Hewetson R & Singh S (2009) The Lived Experience of Mothers of Children with Chronic Feeding and/or Swallowing Difficulties, *Dysphagia*, 24: 322-332

Lazenby T (2008) The impact of aging on eating, drinking, and swallowing function in people with Down's syndrome, *Dysphagia* 23(1):88-97.

Dysphagia in children

Articles kindly identified by Elena Ellul Mercer, Speech-Language Pathologist, Malta.

Arvedson, J. (2008) Food for Thought on Pediatric Feeding and Swallowing. *Perspect Swal Swal Dis (Dysph)*, 17(3), 110. <http://dx.doi.org/10.1044/sasd17.3.110>

Arvedson, J. & Lefton-Greif, M. (2016) Pediatric Feeding/Swallowing: Yesterday, Today, and Tomorrow. *Seminars In Speech And Language*, 37(04), 298-309. <http://dx.doi.org/10.1055/s-0036-1587702>

Delaney AL & Arvedson JC. (2008) Development of swallowing and feeding: prenatal through first year of life. *Dev. Disabil Res Rev*; 14: 105-117.

Lau, C. (2015) Development of Suck and Swallow Mechanisms in Infants. *Annals Of Nutrition And Metabolism*, 66(5), 7-14. <http://dx.doi.org/10.1159/000381361>

Marshall, J., Ware, R., Ziviani, J., Hill, R., & Dodrill, P. (2014) Efficacy of interventions to improve feeding difficulties in children with autism spectrum disorders: a systematic review and meta-analysis. *Child: Care, Health And Development*, 41(2), 278-302. <http://dx.doi.org/10.1111/cch.12157>

Marshall, J., Hill, R., & Dodrill, P. (2013) A survey of practice for clinicians working with children with autism spectrum disorders and feeding difficulties. *International Journal Of Speech-Language Pathology*, 15(3), 279-285. <http://dx.doi.org/10.3109/17549507.2013.777972>

Pridham, K., Steward, D., Thoyre, S., Brown, R., & Brown, L. (2007) Feeding skill performance in premature infants during the first year. *Early Human Development*, 83(5), 293-305. <http://dx.doi.org/10.1016/j.earlhumdev.2006.06.004>

Dysphagia in adults with head and neck cancer

Articles kindly identified by Dr Jo Patterson and Dr Justin Roe, Speech and Language Therapists, UK.

Hutcheson KA, Holsinger C, Kupferman ME & Lewin JS (2015) Functional outcomes after TORS for oropharyngeal cancer: a systematic review. *European Archives of Oto-Rhino-Laryngology*. 272(2): 463–471

Langmore SE, McCulloch TM, Krisciunas GP, Lazarus CL, Van Daele DJ, Pauloski BR, Rybin D & Doros G (2016) Efficacy of electrical stimulation and exercise for dysphagia in patients with head and neck cancer: A randomized clinical trial. *Head and Neck*, 38: E1221-E1231. DOI: 10.1002/hed.24197

Nund RL, Ward EC, Scarinci NA, Cartmill B, Kuipers P & Porceddu, S. V. (2014a). The lived experience of dysphagia following non-surgical treatment for head and neck cancer.

International Journal of Speech Language Pathology, 49(3), 354-363.
doi:10.3109/17549507.2013.861869

Paleri V, Roe JWG, Strojan P, Takes RP & Ferlito A. (2014) Strategies to reduce long-term postchemoradiation dysphagia in patients with head and neck cancer: An evidence-based review. *Head and Neck*, 36(3): 431-433

Patterson JM, Brady GC & Roe JW (2016). Research into the prevention and rehabilitation of dysphagia in head and neck cancer: a UK perspective. *Curr Opin Otolaryngol Head Neck Surg*, 24(3), 208-214. doi:10.1097/MOO.0000000000000260

These articles present the latest research relating to dysphagia assessment and management

Articles kindly identified by Dr Julie Chicero, University of Queensland, Australia.

Steele CM, Alsanei WA, Ayanikalath S, Barbon CEA, Chen J, Cichero JAY, Coutts K, Dantas RO, Duivestein J, Giosa L, Hanson B, Lam P, Lecko C, Leigh C, Nagy A, Namasivayam AM, Nascimento WV, Odendaal I, Smith CH & Wang H. (2015). The influence of food texture and liquid consistency modification on swallowing physiology and function: A systematic review. *Dysphagia*. 30(1): 2-26. DOI 10.1007/s00455-014-9578-x.
<http://bit.ly/1wvZydp>

This article is an excellent systematic review led by Dr Catriona Steele providing evidence for the use of thickened liquids and texture modified food for dysphagia management. It is an open access publication.

Bergstrom L, Svensson P, Hartelius L. (2014) Cervical auscultation as an adjunct to the clinical swallow examination: a comparison with fibre-optic endoscopic evaluation of swallowing. *International Journal of Speech Language Pathology*, 16(5): 517-528.

The Bergstrom article is an excellent paper looking at the role of cervical auscultation in swallowing assessment.

Cichero JAY (2016) Introducing solid food using baby-led weaning vs. spoon-feeding: A focus on oral development, nutrient intake and quality of research to bring balance to the debate. *Nutrition Bulletin*, 41(1): 72-77. DOI: 10.1111/nbu.12191

This paper by Cichero is about baby-led weaning and introduction of solids. It has been made open access.

Manrique YJ, Lee DJ, Islam F, Nissen LM, Cichero JAY, Stokes JR, Steadman KJ. (2014). Crushed tablets: Does the administration of food vehicles and thickened fluids to aid medication swallowing alter drug release? *Journal of Pharmacy and Pharmaceutical Sciences*, 17(2): 207-219.

The Manrique article introduces clinicians to the concept that cutting and crushing medication and mixing it with thick fluids could be problematic.

Cichero JAY (2016) Adjustment of food textural properties for elderly patients. *Journal of Texture Studies*, 47(4): 277-283.

The final article provides a review of the literature and also practical information on food texture properties needed for the elderly.