Swallow Screening...How, When, and Who?

References

Addington, et al, "Effect of Stroke Location on the Laryngeal Cough Reflex and Pneumonia Risk", Cough, 1:4, 2005.

Alali, D., et al, "Dysphagia in Multiple Sclerosis: Evaluation and Validity of the DYMUS Questionnaire", *Dysphagia*, 33(3), 273-82, 2018

Antonios, N., et al, "Analysis of a physician tool for evaluating dysphagia on an inpatient stroke unit: the Modified Mann Assessment of Swallowing Ability", *J Stroke Cerebrovasc Dis*, 19(1), 49-57, 2010

Belafsky, P., et al, "Validity and reliability of the Eating Assessment Tool (EAT 10)", *Ann Otol Rhinol Laryngol*, 117(12), 919-24, 2008

Bergamaschi, R., et al, "The DYMUS questionnaire for the assessment of dysphagia in multiple sclerosis", *J Neurol Sci*, 269, 49-53, 2008

Bergamaschi, R., et al, "Validation of the DYMUS questionnaire for the assessment of dysphagia in Multiple Sclerosis", *Funct Neurol*, 24(3), 59-62, 2009

Bray, et al, "The association between delays in screening for and assessing dysphagia after acute stroke, and the risk of stroke-associated pneumonia", *J Neurol Neurosurg Psychiatry*, doi:10.1136/jnnp-2016-313356, 2016

Brodsky, et al, "Screening accuracy for aspiration using bedside water swallow tests; A systematic review and meta-analysis", Chest, 150(1), 148-63, 2016

Carnaby, G., et al, "Associations between Spontaneous Swallowing Frequency at Admission, Dysphagia, and Stroke Related Outcomes in acute care", *Arch Phys Med Rehabil*, Feb, 2019

Clave, P., et al, "Accuracy of the Volume-Viscosity swallow test for clinical screening of oropharyngeal dysphagia and aspiration", *Clin Nutr*, 27(6), 806-15, 2008

Cohen J., and Manor Y. "Swallowing Disturbance Questionnaire for detecting dysphagia", *Laryngoscope*, 121, 1383-87, 2011

Crary, M., et al, "Spontaneous swallowing frequency has potential to identify dysphagia in stroke", *Stroke*, Dec, 2013

Daniels, S., et al, "Clinical assessment of swallowing and prediction of dysphagia severity", Am J Speech Language Pathology, 6, 17, 1997

Daniels, S., et al, "Implementation of stroke dysphagia screening in the Emergency Department", *Nursing Res and Pract, Feb, 2013*

Daniels, S., et al, "Speech Pathology reliability for stroke swallowing screening items", *Dysphagia*, 30, 565-70, 2015

DePippo, K, et al, "Validation of a 3 oz Water Swallow Test for Aspiration Following Stroke", *Archives of Neurology*, 42, 1259-1261, 1992

Donovan, et al, "Dysphagia Screening: State of the Art", Stroke, 44, e24-e31, 2013

Dudik, et al, "Dysphagia Screening: Contributions of cervical auscultation signals and modern signal-processing techniques", *IEEE Trans Hum Mach Syst*, 45(4), 465-77, 2015

Edmiaston, J., et al, "A simple bedside stroke dysphagia screen validated against video fluoroscopy detects dysphagia and aspiration with high sensitivity" *J Stroke Cererovasc Dis*, 23, 712-16, 2014

Eltringham, S., "Impact of dysphagia assessment and management on risk of stroke-associated pneumonia: A systematic review", *Cerebrovasc Dis*, 46(3-4), 97-105, 2018

Etges, C., et al, "Screening tools for dysphagia: A systematic review", CoDAS, 26(5), 343-9, 2014

Fedder, W., "Review of evidenced-based nursing protocols for dysphagia assessment", *Stroke*, 48, e99-e101, 2017

Field, M., et al, "Implementing cough reflex testing in a clinical pathway for acute stroke: A pragmatic randomized controlled trial", *Dysphagia*, 33, 827-39, 2018

Freeland, T., et al, "Using medical mannequins to train nurses in stroke swallowing screening", *Dysphagia*, 31, 104-110, 2016

Govender, R., "Development and preliminary validation of a patient-reported outcome measure for swallowing after total laryngectomy (SOAL Questionnaire", *Clin Otolaryngol*, 37(6), 452-9, 2012

Govender, R., et al, "Psychometric evaluation of the Swallowing Outcomes After Laryngectomy (SOAL) Patient reported questionnaire", *Head and Neck*, 38, e1639-45, 2016

Guillen-Sola, A., et al, "Usefulness of citric cough test for screening of silent aspiration in subacute stroke patients: A prospective study", *Arch Phys Med Rehabil*, 96, 1277-1283, 2015

Hara, K., et al, "Jaw-opening force test to screen for dysphagia: Preliminary results", *Archives Phys Med Rehabil*, 95, 867-74, 2014

Hegland, K., et al, "Comparison of two methods for inducing cough reflex in patients with Parkinson's Disease, with and without dysphagia", *Dysphagia*, 31, 66-73, 2016

Hey, C., et al, "Water swallow screening test for patients after surgery for head and neck cancer: Early identification of dysphagia, aspiration, and limitations of oral intake", *Anticancer Rsch*, 33, 4017-22, 2013

Hines, S., et al, "Nursing Interventions in identifying and managing acute dysphagia are effective in improving patient outcomes: A systematic review update", *J Neurosci Nurs*, 48(1), 215-23, 2016

Holmes, S., "A service evaluation of cough reflex testing to guide dysphagia management in the postsurgical adult head and neck patient population", *Curr Opin Otolaryngol Head Neck Surg*, 24(3), 191-6, 2016

Kallesen, M., et al, "Comparison of cough reflex testing with Videoendoscopy in recently extubated intensive care unit patients", *J Crit Care*, 33, 90-4, 2016

Keage, M., et al, "A systematic review of self-reported swallowing assessments in progressive neurological disorders", *Dysphagia*, 30, 27-46, 2015

Kertscher, B., et al, "Bedside screening to detect oropharyngeal dysphagia in patients with neurological disorders: An updated systematic review", *Dysphagia*, 29, 204-212, 2014

Lakshminarayan, K., et al, "Utility of dysphagia screening results in predicting post-stroke pneumonia", *Stroke*, 41, 2849-54, 2010

Leder, S., and Suiter, D.,"Five days of successful oral alimentation for hospitalized patients based upon passing the Yale Swallow Protocol", *Ann OtolRhinol Laryngol*, March, 2014

Leder, S., et al, "Answering orientation questions and following single step verbal commands: Effect on aspiration status", *Dysphagia*, 24, 290-95, 2009.

Leder, S., et al, "Silent Aspiration is Volume Dependent", Dysphagia, 26, 304-09, 2011

Leder, S., et al, "Can an oral mechanism examination contribute to the assessment of odds of aspiration?", *Dysphagia*, 28(3), 370-74, 2013

Lim, S., et al, "Accuracy of bedside clinical methods compared with fiberoptic endoscopic examination of swallowing (FEES) in determining risk of aspiration in acute stroke patients", *Dysphagia*, 16(1), 1-6, 2001

Macht, M., et al, "Post-extubation dysphagia is persistent and associated with poor outcomes in survivors of critical illness", *Crit Care*, 15(5), 2011 doi.1186/cc10472

Macht, M, et al, "Diagnosis and treatment of post-extubation dysphagia: Results from a national survey", J Crit Care, 27(6), 578-86, 2012.

Macht, M., et al, "Post-extubation dysphagia is associated with longer hospitalizations in survivors of critical illness with neurological impairment", *Crit Care*, 17(3), R119, 2013

Madhavan, A., et al, "Preliminary development of a screening tool for pre-clinical dysphagia in community dwelling older adults", *Geriatrics*, 3, 90, 2018

Martino, R., et al, "The Toronto Bedside Swallowing Screening Test (TOR-BSST): Development and validation of a dysphagia screening tool for patients with stroke", *Stroke*, 40, 555-61, 2009

Massey, R and Jedlicka, D., "The Massey Bedside Swallowing Screen", J Neurosci Nurs, 34(5), 252-3, 2002

Melgaard, D., et al, "The prevalence of oropharyngeal dysphagia in acute geriatric patients", *Geriatrics* (Basel), 26, 2018 doi.10.3390/geriatric3020015

Miles, A., et al, "Comparison of cough reflex test against instrumental assessment of aspiration", *Physiol Behav*, 118, 25-31, 2014

Mulheren, R., and Gonzalez-Fernandez, M., "Swallow screen associated with airway protection and dysphagia after acute stroke", *Arch Phys Med Rehabil*, doi:10.1016/j.apmr.2018.12.03z, 2019

Namasivayam-Macdonald, A and Shuna, S,. "The b urden of dysphagia on family caregivers of the elderly: A systematic review", *Geriatrics*, 3(2), 2018

Paranji, S., et al, "A nationwide survey of the impact of dysphagia on hospital outcomes among patients with dementia", *Am J Alzheimers Dis Other Dementia*, 32(1), 5-11, 2017

Patel, D., et al, "Economic and survival burden of dysphagia among inpatients in the United States", Dis of Esophag, 31, 1-7, 2018

Perry, L., "Screening swallowing function in patients with acute stroke: Identification, implementation and initial evaluation of a screening tool used by nurses", *J Clin Nurs*, 10, 6373, 2001

Poskus, K., "Triumphs and challenges of implementing a nursing bedside swallow screening tool: A Stroke Coordinator's perspective", *Perspectives on Swallowing and Swallowing Disorders*, 18(4), 2009

Powers, W and Rabinstein, A. "2018 Guidelines for the early management of patients with acute ischemic stroke: A guideline for healthcare professionals from the American Heart Association/American Stroke Association", *Stroke*, Feb, 2018

Regan, J., et al, "The Eating Assessment Tool – 10 predicts aspiration in adults with s table chronic obstructive pulmonary disease", *Dysphagia*, 32(5), 714-29, 2017

Rofes, L., et al, "Sensitivity and specificity of the Eating Assessment Tool and the Volume-Viscosity Swallow Test for clinical evaluation of oropharyngeal dysphagia", *Nerogastroent and Motility*, 26, 1256-65, 2014

Shune, S., and Namasivayam-Macdonald, A., "Swallow impairments increase emotional urden in spousal caregivers of older adults", *J Appl, Gerontol*, January, 2019

Sorensen, R., et al, "Dysphagia Screening and intensified oral hygiene reduces pneumonia after stroke", *J Neurosci Nurs*, 45(3), 139-46, 2013

Steele, C., et al, "Development of a non-invasive device for swallow screening in patients at risk of oropharyngeal dysphagia: Results from a prospective exploratory study", *Dysphagia*, January, 2019; doi.org/10.1007/s00455-018-09974-5

Stipanic, K., et al, "Prospective investigation of incidence and co-occurrence of dysphagia, dysarthria, and aphasia following ischemic stroke", *Am J Speech Lang Pathol*, 28, 188-94, 2019

Steele, C., and Cichero, J., "Physiological factors related to aspiration risk: A systematic review", *Dysphagia*, 29(3), 295-04, 2014.

Suiter, D., and Leder, S., "Clinical Utility of the 3-Ounce Water Test", Dysphagia, 23(3), 244-250, 2008.

Suiter, D., et al, "The 3-ounce (90cc) water swallow challenge: A screening test for children with suspected oropharyngeal dysphagia", *Otolarnygol Head Neck Surg*, 140(2), 187-90, 2009

Suiter, D., et al, "Validation of the Yale Swallow Protocol: A prospective double-blinded videofluoroscopic study", *Dysphagia*, 29, 199-203, 2014

Szczesniak, M., et al, "The normative range for and age and gender effects on the Sydney Swallow Questionnaire", *Dysphagia*, 29(5), 2014

Titsworth, WL, et al, "Prospective quality initiative to maximize dysphagia screening reduces hospital-acquired pneumonia prevalence in patients with stroke", *Stroke*, 44, 3154-60, 2013

Trapl, M., et al, "Dysphagia bedside screening for acute-stroke patients: The Gugging Swallowing Screen", *Stroke*, 38, 2948-52, 2007

Turner-Lawrence, D., et al, "Feasibility study of the sensitivity of emergency physician dysphagia screening in acute stroke patients", *Ann Emerg Med*, 54, 344-348, 2009

Virvidaki, I., et al, "Swallowing and aspiration risk: A critical review of non-instrumental bedside screening tests", *J Clin Neurol*, 2018

Wakasugi, Y., et al, "Screening test for silent aspiration at the bedside", Dysphagia, 23(4), 364-70, 2008

Wallace, K., et al, "Development and validation of a self-report symptom inventory to assess the severity of oro-pharyngeal dysphagia", *Gastroenterol*, 118, 678-87, 2000

Warner, H., et al, "Comparing accuracy of the Yale swallow protocol when administered by registered nurses and speech-language pathologists", *J Clin Nursing*, 23, 1908-15, 2013

Zuniga, S., et al, "Utility of Eating Assessment Tool – 10 in predicting aspiration in patients with unilateral vocal fold paralysis", *Otolaryngol Head Neck Surg*, 159(1), 92-6, 2018