<table>
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<tr>
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| **Elizabeth Ward, BSPThy(Hons), Grad Cert Ed., PhD** | Financial Disclosure: Dr. Ward is employed by the University of Queensland and receives a salary.  
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Non-Financial Disclosure: No relevant non-financial relationship exists.                                                                                                                                           |
| **Hanneke Kalf, PhD**                    | Financial Disclosure: Dr. Kalf is employed by Radboud University Medical Center and receives a salary. Dr. Kalf also receives research grant funding through the French Muscular Dystrophy Association and the Michael J Fox Foundation.  
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<td>Katlyn McGrattan, PhD, CCC-SLP</td>
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<td>Lisa Duizer, PhD</td>
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<td>Margaret Skinner, MS, CCC-SLP</td>
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**Dysphagia Research Society Scientific Oral Presentation Disclosures**

**Light video as a means of swallow identification in pre-term and term infants**

Catchpole, Emily; Gould, Francois D.; german, rz

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**Relevant Non-Financial Relationships:** Emily Catchpole: Nothing to disclose | Francois Gould: Nothing to disclose | rz german: Professional: DRS

**Physiological Compensation for Advanced Bolus Location at Swallow Onset in Healthy Seniors**

Herzberg, Erica G.; Brates, Danielle; Molfenter, Sonja M.

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A Systematic Review of Physiological Changes in Swallowing in the Oldest Old

Jardine, Marie; Miles, Anna; Allen, Jacqueline
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The impact of neurologic injury on gastroesophageal reflux phenotypes via pH-multichannel intraluminal impedance in premature infants

Jensen, Preceous S.; Azhar, Zara; Sochet, Anthony; Wilsey, Michael
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The maturation of coordination of respiration and swallowing in preterm infants

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Changes in infant suck function throughout a suck sample
Zimmerman, Emily¹; Hines, Morgan¹; Martens, Alaina¹; Thompson, Kelsey¹
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Dysphagia Boot Camp—Evidence-Based Dysphagia Training
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Relevant Non-Financial Relationships: Laishyang Ouyoung: Nothing to Disclose | Uttam Sinha: Nothing to Disclose | Brenda Villegas: Nothing to Disclose

Modifying fluid consistency to prevent aspiration in dementia: A systematic review of the evidence
Flynn, Eadaoin¹, ²; Walshe, Margaret²
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EAT: A structured therapy model to facilitate continued oral intake through head and neck radiotherapy - User Acceptance and Content Validation
Hutcheson, Katherine¹; Gomes, Andrea²; Rodriguez, Veronica³; Barringer, Denise¹; Martino, Rosemary⁴,⁵,⁶,³
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6. Otolaryngology - Head and Neck Surgery, University of Toronto, Toronto, ON, Canada

Relevant Financial Relationships: Laishyang Ouyoung: Nothing to disclose | Uttam Sinha: Nothing to disclose | Brenda Villegas: Nothing to disclose
**Swallowing Against Laryngeal Restriction (SALR) exercise technique significantly increases the duration of UES opening in both healthy elderly and dysphagic patients**

Lynch, Shaina M.\(^2\); Agrawal, Dilpesh\(^2\); Kern, Mark K.\(^1\); Shaker, Reza\(^1\)

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**Relevant Financial Relationships:** Shaina Lynch: Nothing to disclose | Dilpesh Agrawal: Nothing to disclose | Mark Kern: Nothing to disclose | Reza Shaker: Nothing to disclose

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**Dysphagia as an Independent Risk Factor for Burden Among Caregivers of Aging Parents**

Shune, Samantha\(^1\); Namasivayam-MacDonald, Ashwini M.\(^2\)

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**Enhancing Effectiveness of Active Tongue Strengthening Exercise using Mental Practice**

Szynkiewicz, Sarah H.\(^1\); Kamarunas, Erin\(^2\); Drulia, Teresa\(^4\); Nobriga, Christina V.\(^3\); Griffin, Lindsay\(^2\); O'Donoghue, Cynthia R.\(^2\)

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**Relevant Financial Relationships:** Eadaoin Flynn: Has affiliations to disclose; Grant: Health Research Board Ireland; | Margaret Walshe: Nothing to disclose

**Relevant Non-Financial Relationships:** Eadaoin Flynn: Nothing to disclose | Margaret Walshe: Nothing to disclose
Respiratory (de)coupling in Healthy Swallows: Head Position Effect
KRISHNAN, GAYATHRI¹; S. P., Goswami¹
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Relevant Non-Financial Relationships: GAYATHRI KRISHNAN: Nothing to disclose | Goswami S. P.: Nothing to disclose

Characterization and mechanism of esophago-esophageal contractile reflex of striated muscle esophagus
Lang, Ivan M.¹; Medda, Bidyut K.¹; Shaker, Reza²
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The association between tongue pressures and anthropometric measures, physical function and muscle strength
Molfenter, Sonja M.¹; Woolf, Kathleen²
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Experimental and Computational Modeling of Bolus Fragmentation
McFarland, Steven P.¹; Stark, Nicole²; Gilbert, Richard J.³; Nicosia, Mark¹
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Parents' Experiences of Feeding, Swallowing, and Nutrition in Children Receiving Palliative Care
Pyke, Heather¹,²; Norton, Sally¹; Blaakman, Susan W.¹; Korones, David N.³
1. SON, University of Rochester, Rochester, NY, United States
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Swallowing Interdisciplinary Psychophysics (SIP): How Psychophysics Reveals a Safety Bias in Bolus Volume Difference Detection
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Predictors of Residue, Penetration, and Aspiration in Parkinson's Disease
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Effects of Verbal Cueing and Bolus Holding on Respiratory Swallow Coordination in Parkinson’s Disease
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Pharyngeal Volumetric Changes in Parkinson’s Disease and its Impact on Swallowing
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Tongue pressure variability in persons with Parkinson’s disease compared to healthy older adults
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The effect of dual tasking on cough reflex sensitivity in people with Parkinson’s disease
Differences in swallowing and cough function in Progressive Supranuclear Palsy and Parkinson’s disease
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FUNCTIONAL OUTCOMES FOLLOWING TRANSORAL ROBOTIC SURGERY FOR RECURRENT HEAD AND NECK CANCER (HNC)- a prospective observational study
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Expiratory Muscle Strength Training (EMST) for Radiation-Associated Dysphagia (RAD): Results of a Pilot Prospective Trial

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Knowledge and practices of speech pathologists and radiation therapists regarding radiation dose and implications for dysphagia management

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Hyposalivation and xerostomia post head and neck cancer: changes and impact on eating over time

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Impact of a combined inspiratory and expiratory muscle strength training program in ALS: Results of a sham controlled randomized clinical trial

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Changes in tongue muscle gene expression following chemoradiation

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Use of the Penetration-Aspiration Scale in Dysphagia Research: A Historical Review
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Swallowing Biomechanical Analysis Following Lingual Strengthening Therapy in Patients with Post-Stroke Dysphagia
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Relationships between maternal stress indices and feeding and growth in infants with and without cleft lip and/or palate

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Internal Validation of the Physiologic Risk Index for Swallowing Impairment (PRISIM)

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Characterizing the Physiology of Swallowing Following Spinal Cord Injury

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Development of a tongue-strength fatigue-test: proof of concept of a fatigue paradigm in post-stroke oropharyngeal dysphagia (PSOD) versus healthy controls.

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Objective Video-fluoroscopic Swallow Study (VFSS) Parameters Predict The Incidence of Aspiration Pneumonia

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Aural stimulation with capsaicin ointment can prevent pneumonia in elderly dementia patients with a high risk of aspiration.

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A High Resolution Pharyngeal Manometry Protocol and Metrics: Recommendations of an International Working Group

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The first 30 years of research in *Dysphagia*: A scoping review

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Revelations of Pharyngeal and UES Dysfunction in Symptomatic Patients with “Normal” Esophageal Manometry Using Large Scale Manometric Database Techniques

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Impact of sensory stimulation on pharyngeal swallowing biomechanics in adults with dysphagia: a high-resolution manometry study
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Contextualizing Dysphagia Assessments: A Paradigm Shift in Thinking and Assessment
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The effectiveness of an ecologically valid telerehabilitation for neurogenic dysphagia assessment and primary management in a resource constrained country
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Sensate versus asensate flap reconstruction of the oral cavity with objective measurements of tongue strength and function in a rat model

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Central versus peripheral contributions to post stroke lingual weakness in a rat model

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Effects of tongue exercise dose on tongue force and bolus flow rate in a rat model

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**Effects of superior laryngeal nerve lesion and airway protection on kinematics of swallowing in an infant mammal model**

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**Association between disordered swallowing and duration of oral endotracheal intubation in critically ill patients: A high resolution pharyngeal manometry study**

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**The effect of attention on swallowing in healthy individuals: an exploratory study**

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Characterizing the Physiology of Swallowing Following Spinal Cord Injury
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Swallowing Biomechanical Analysis Following Lingual Strengthening Therapy in Patients with Post-Stroke Dysphagia
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Creating a cross-species conceptual framework: An analysis of spontaneous sucking in wild seal pups following feeding and swallowing rehabilitation

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Accuracy of the Brazilian version of the DYMUS questionnaire for the assessment of dysphagia in multiple sclerosis

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Worsening Trismus After Radiation Therapy - Time to Intervene?

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Effect of head turn on pharyngeal and upper esophageal sphincter pressures - a study using high-resolution manometry-

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Swallowing time in children with cerebral palsy
Clinical progression and outcome of swallowing impairment following non-traumatic subarachnoid hemorrhage: A retrospective cohort study.

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The Safety and Efficacy of Expiratory Muscle Strength Training (EMST) for Rehabilitation after Supracricoid Partial Laryngectomy: A Pilot Investigation

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The Effect of Gender and Age differences on Echo Intensity of Tongue
Back to Basics: A simple Swallow Screen
Smithard, David G.1; Lau, Esther1; Eyres, Ruth1; Hansjee, Dharinee1; Tsang, Karwai2
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Estimating Severity from Video-fluoroscopic Metrics: What’s Mild, Moderate or Severe?
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Effects of a Resistance Exercise Device on Pharyngeal Manometric Isocontours in the Elderly
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High flow oxygen therapy via nasal prongs (HFO$_2$NP) and swallowing: An evidence review and a snapshot of clinical practice data of Australian Speech Pathologists
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Conclusions (including clinical relevance): Elements of the E$^3$BP framework provided a more holistic understanding of SP practice. The majority of clinicians reported assessing patients on an individual basis versus assessing to a set oxygen/flow rate. This infers HFO$_2$NP is not seen as an independent barrier but a possible factor to assessment; with clinicians considering many possible causative factors of dysphagia.

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Navigated transcranial magnetic stimulation to evoke lingual pressure in stroke survivors and controls
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Changes in swallow safety and efficiency after radiation in patients with oropharyngeal carcinoma

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Factors influenced on pharyngeal residue at valleculae and pyriform
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Affection of chewing muscles in patients with OPMD.
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Hyoid Kinematics During Swallowing in Patients with Dementia
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Mechanisms of Perceived Swallow Change Post Whiplash: Potential for a Muscle Tension Component?

Stone, Danielle1,2,3; Bogaardt, Hans2; Linnstaedt, Sarah6,7; Martin-Harris, Bonnie8; Smith, Andrew11; Walton, David9; Ward, Elizabeth4,5; Elliott, James M.2,10,3

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Outcomes of a standardized exercise protocol in healthy adults with incidental findings of swallowing impairment on videofluoroscopy

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Interobserver Reliability of Diet Recommendations and Compensatory Strategies Following Instrumental Swallowing Assessments

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Eating-related Difficulties in Individuals with COPD

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Sensitivity and stasis pharyngeal in individuals with Chronic Obstructive Pulmonary Disease (COPD)
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Effectiveness of chin-down swallowing: Secondary analysis of existing data
Forbes, Jessica; Smith, Carol; Vose, Alicia; Humbert, Ianessa A.
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Establishing reliability and norms of spinal curvature between cervical vertebrae two and four using the Cobb angle
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**Longitudinal effects of preterm birth on patterns of respiration in infant pigs**

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**Assessing Infant Feeding: A Physiological and Parental Report Comparison**

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**Related Indicators to Oral Feeding Readiness in Very Premature Infants**

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Pharyngeal pressure does not show age-related functional reserve decline
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Norm-referenced videofluoroscopic profiles in survivors of traumatic cervical spinal cord injury
Hamilton, Valerie K.2; Pitts, Laura L.1,3,2; Chang, Chih-hung4,5,6; Forand, Kristen2; Giewont, Lindsay2; Adams, Mallory K.1; Cherney, Leora R.3,7

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Participation in a Proactive Swallowing Program while Undergoing Chemoradiation for Head and Neck Cancer: Patient Perspectives
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Developing an adapted Therapy Outcome Measure for paediatric dysphagia

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The C3 unit: A visual approximation of hyoid displacement during VFSS

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Physiological Stability During Swallowing Exercise

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Pharyngeal residue in oculopharyngeal muscular dystrophy (OPMD) is not consistency-dependent.

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Infant-driven feeding systems: Do they “normalize” the feeding experience of infants with cleft palate?

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Predictors of Functional Oral Intake Status in Individuals with Dysphagia

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First Validation of a Novel Ultra-thin Wearable Electromyography Sensors Patch for Monitoring Submental Muscle Activity During Swallowing
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Dose in Exercise-Based Dysphagia Therapies – A Systematic Review
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Transcutaneous Electrical Stimulation on the Submental Area: The Relations of Biopsychological Factors with Maximum Amplitude Tolerance and Perceived Discomfort Level
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Prevention of Sequela from Tracheal Aspiration in Medical-Surgical and ICU Patients

White, Stacey L.¹; Kinsler, Kenneth²; Hosch, Terry L.³; Chase, Kena³; Whitworth, Catherine⁴

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Natural History of Physiologic Swallowing Deficits in Spinal Muscular Atrophy Type 1

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Effects of Tongue Pressure Training Interventions on Swallowing Physiology: A Systematic Review
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Hyolaryngeal Movement as seen on MBS and its relationship with Epiglottic Inversion as seen on FEES
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Expiratory Muscle Strength Training: Feasibility in patients with advanced Parkinson’s Disease and dysphagia

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Identifying eating, appetite and weight changes as key concerns for patients diagnosed with cancer using an Holistic Needs Assessment (HNA)

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Comparison and Calibration Guide for Six Respiratory Muscle Strength Devices for Patients andClinicians

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Severity of Vocal Fold Atrophy is a Predictor of Swallowing Safety in Parkinson’s Disease

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The Safety and Efficacy of Endoscopic Zenker’s Diverticulotomy: A Cohort Study

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Underlying MBS Swallowing Mechanics of FEES Variables

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Development of swallowing simulation by means of computational fluid dynamics
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Relationships between Gestational Age, Morbidities, and Feeding Method in Premature Infants
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Training and visual feedback increase the intensity of effortful swallows in healthy normals
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Does Aging Effect Esophageal Bolus Transit Time in the Upright Position Observed Under Videofluoroscopy?

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Novel method to treat stricture following Head and Neck Cancer

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The Impact of Supplementary and Targeted Training on Accuracy in Adult Videofluoroscopy Analysis in Trained Speech and Language Therapists.

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Impact of Lingual and Pharyngeal Strength on Swallowing Safety and Efficiency in Individuals with ALS

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Swallowing Outcomes Associated with Late Lower Cranial Neuropathy in Long-term Oropharyngeal Cancer Survivors: A Cross-Sectional Survey Analysis

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An outpatient feeding clinic can help reduce rehospitalization and pulmonary complications of pediatric patients with dysphagia?
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Interactive website for head and neck cancer patients: Adherence and coping program to prevent dysphagia after radiation
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Exploring the effects of thermal tongue stimulation on cortical excitability in the human pharyngeal motor pathways
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DHI responses not associated with PAS score from MBS
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ESOPHAGEAL MOTILITY CHANGES ASSOCIATED WITH PERCEPTION OF ESOPHAGEAL BOLUS TRANSIT IN HEALTHY VOLUNTEERS
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The Effect of Lidocaine on Perceived Comfort and Swallowing Pressures during High Resolution Pharyngeal Manometry
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Changes in swallowing functions in patients undergoing esophagectomy
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Characteristics of Sarcopenic Dysphagia: Measurement of Suprahyoid Muscle Activity Using Surface Electromyography

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Relationship between swallowing frequency and swallowing function in cerebral palsy patients with severe intellectual and physical disabilities

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Feasibility of a neural network in predicting aspiration severity post supratentorial stroke
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High-Resolution Pharyngeal Manometry in Pediatric Populations: A Systematic Review
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You want me to order what?? Creating education awareness of the role of an Infant FEES Program in a Level III NICU and Cardiac Intensive Care Unit

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Carbonated liquids: An investigation of taste intensity, palatability, effervescence and sip volumes of stimuli used in videofluoroscopy.

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The Accuracy of Screening Measures in Identifying Reduced Airway Protection in Patients with Parkinson's Disease

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Are HRCA signal features associated with clinician ratings of pharyngeal residue using the MSBlmp?

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Effectiveness of direct vs indirect treatment for a specific swallowing pathophysiology
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The Limited Effect of CTAR Exercises for Dysphagia in Persons with Oculopharyngeal Muscular Dystrophy
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Fluoroscopic and Endoscopic Investigation of Dysphagia in a Mouse Model of DiGeorge Syndrome
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FEASIBILITY OF THE COMPUTER-ASSISTED SELF-ADMINISTERED ADJUSTED DSWAL-QOL QUESTIONNAIRE
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A case report of improved swallowing following tongue strength training in Dentatorubral-pallidoluysian atrophy (DRPLA).
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Standardizing Dysphagia Severity Assessments in Oropharyngeal Cancer Patients
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Quality of evidence concerning dysphagia following tracheostomy placement: Should we believe what we read?
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Comparison of Voluntary Cough Effectiveness Between Aspirators and Non-Aspirators in Progressive Supranuclear Palsy
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**Functional Swallow-Related Outcomes Following Transoral Robotic Surgery for Base of Tongue Carcinoma: A Pilot Study**
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**The effect of focus of attention and knowledge of expectancies in learning a novel swallow motor plan in healthy normals**
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**Pharyngeal bolus clearance in patients with non-tuberculous mycobacteria**
Effects of Expiratory Muscle Training on Swallowing: A Systematic Review
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How closely do machine ratings of duration of UES opening during videofluoroscopy approximate clinician ratings using the MBSImP?
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Does Epiglottic Deflection Contribute to Airway Protection in Patients with Dementia?
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Diagnostic Accuracy of an Esophageal Sweep Protocol
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Coordination between tongue pressure production and hyoid excursion during squeezing
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Factors associated with functional swallow status before and after treatment for laryngeal carcinoma

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Hyolaryngeal Musculature Activation in Response to a Respiratory Resistance Device

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Jaw-opening exercise effects on geniohyoid muscle morphology and function in nursing home residents: A randomized controlled study

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Ability to Track Hyoid Bone Movement During Swallowing Using Vibratory Signals from Neck Sensors

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Use of novel dysphagia Index for grading for swallow toxicity (DIGEST) to assess short term functional swallow outcomes in patients with oropharyngeal carcinoma treated with transoral robotic surgery (TORS)

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Comparing Hydration Levels of Long Term Care Residents on Thickened Liquids and Regular Liquids.

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Refinements of Respiratory-Swallow Training (RST) Methods
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Swallowing outcomes in patients using a mobile application (app) to support swallowing therapy during radiation-based head and neck cancer treatment
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Determining ICU practice patterns for oral intake reinitiation following tracheostomy: Survey development and validation

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Dysphagia optimised radiotherapy to reduce swallowing dysfunction severity: a systematised scoping review

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Can geriatric screening identify patients at risk for dysphagia and related complications in head and neck cancer patients?

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Aging effects on oropharyngeal swallowing physiology in a large sample of community-dwelling healthy adults: a prospective videofluoroscopic study using the MBSImP approach

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Reproducibility and Minimal Detectable Change of Hyolaryngeal and Pharyngeal Movement during Swallowing: Kinematic analysis using 3D dynamic Computed Tomography

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Developing system requirements for pediatric feeding assessments via telepractice

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Use of the Dysphagia Handicap Index (DHI) to determine onset of self-perceived dysphagia in Parkinson disease

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The effect of head and neck stretches on range of motion and dysphagia in post-RT individuals with head and neck cancer

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Purpose: To determine if improved neck range of motion improves swallowing in individuals with head and neck cancer post-RT.

Validation and reliability of the Arabic version of the MD Anderson Dysphagia Inventory (A-MDADI)

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Establishing consensus on the nature of risk and comfort feeding in stroke and geriatric healthcare

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Clinical profile and recovery pattern of dysphagia following inhalation burn injury
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Barium Paste as a Routine Trial in Videofluoroscopy
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Relationship between cervical perimeter and cross sectional area of geniohyoid muscle of healthy elderly.
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