Dysphagia Research Society Scientific Poster Presentation Disclosures

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

Oliveira, Luciana¹; Nascimento, Weslânia V.¹; P Valarelli, Liciane¹; Caldas, Carla A.¹; Dantas, Roberto O.¹

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### 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

Bolognone, Rachel K.¹; Palmer, Andrew D.¹; Thomsen, Skipp¹; Britton, Deanna¹,²; Schindler, Joshua¹; Graville, Donna¹

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The Effect of Gender and Age differences on Echo Intensity of Tongue
Chantaramanee, Ariya¹,²; Hara, Koji¹; Tohara, Haruka¹; Nakagawa, Kazuharu¹; Yamaguchi, Kouhei¹; Namiki, Chizuru¹; Kurosawa, Yukiko¹; Nakane, Ayako¹; Minakuchi, Shunsuke¹
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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 (HFO2NP) 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 E3BP 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 HFO2NP 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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DEVELOPMENT OF A RAT MODEL FOR STUDYING THE BEHAVIORAL ASSESSMENT OF DYSPHAGIA
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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.
Kroon, Hermina M.1; Horlings, Corinne G.2; de Swart, Bert J.1; van Engelen, Baziel G.2; Kalf, Johanna G.1
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?

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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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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, Jessica1,2; Smith, Carol2; Vose, Alicia3,2; Humbert, Ianessa A.3,2
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
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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

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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
Yeates, Erin1; Sherman, Victoria2,1; Pothier, Louise1; McGauley, Angela5; Greco, Elissa2; Ruiz Lopez, Marta6; Marras, Connie3,4; Martino, Rosemary2,1
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 and Clinicians

Hammer, Michael J.1; Foster, Kayla A.1,2
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
Aggarwal, Puja¹,²; Zaveri, Jhankruti¹; Goepfert, Ryan P.¹; Gunn, G B.³; Lai, Stephen Y.¹; Fuller, Clifton D.³; Hanna, Ehab Y.¹; Rosenthal, David³; Lewin, Jan¹; Hutcheson, Katherine⁴
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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
Ramirez, Emily1; Borders, James C.2; Jijakli, Amr3; Pisegna, Jessica M.4,2
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

Kaneoka, Asako1; Inokuchi, Haruhi1; Ueha, Rumi2; Sato, Taku2; Goto, Takao2; Yang, Sky3; Nito, Takaharu2; Seto, Yasuyuki4; Haga, Nobuhiko1
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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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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
Palmer, Andrew D.1; Pietrowski, Jessica1; Bryans, Linda1; Britton, Deanna1,2; Anderson, Shannon3; Graville, Donna1
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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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Are HRCA signal features associated with clinician ratings of pharyngeal residue using the MSBImp?

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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
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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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Hyalaryngeal 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

Donohue, Cara¹; Mao, Shitong²; Sejdic, Ervin²; Coyle, Jim¹
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
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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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

Inamoto, Yoko1; Saitoh, Eiichi2; Sato, Yuriko3; Ito, Yuriko2; Aoyagi, Yoichiro2; Shibata, Seiko2; Kagaya, Hitoshi2; Aihara, Keiko3; Gonzalez-Fernandez, Marlis4

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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.

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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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ASPIRATION: DIAGNOSTIC CONTRIBUTION FROM BEDSIDE AND ENDOSCOPY

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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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