

## 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?**

Kaval, Farah<sup>1</sup>; Broderick, Erin M.<sup>3</sup>; Howell, Rebecca<sup>1</sup>; Tang, Alice<sup>1</sup>; Wise-Draper, Trisha<sup>4</sup>; Takiar, Vinita<sup>2</sup>

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

Aoyagi, Yoichiro<sup>1</sup>; Inamoto, Yoko<sup>2</sup>; Aihara, Keiko<sup>3</sup>; Hirimuta, Makoto<sup>4</sup>; Shibata, Seiko<sup>1</sup>; Kagaya, Hitoshi<sup>1</sup>; Saitoh, Eiichi<sup>1</sup>

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### **Swallowing time in children with cerebral palsy**

Oliveira, Luciana<sup>1</sup>; Nascimento, Weslânia V.<sup>1</sup>; P Valarelli, Liciane<sup>1</sup>; Caldas, Carla A.<sup>1</sup>; Dantas, Roberto O.<sup>1</sup>

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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.<sup>1</sup>; Palmer, Andrew D.<sup>1</sup>; Thomsen, Skipp<sup>1</sup>; Britton, Deanna<sup>1,2</sup>; Schindler, Joshua<sup>1</sup>; Graville, Donna<sup>1</sup>

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### **The Effect of Gender and Age differences on Echo Intensity of Tongue**

Chantaramanee, Ariya<sup>1,2</sup>; Hara, Koji<sup>1</sup>; Tohara, Haruka<sup>1</sup>; Nakagawa, Kazuharu<sup>1</sup>; Yamaguchi, Kouhei<sup>1</sup>; Namiki, Chizuru<sup>1</sup>; Kurosawa, Yukiko<sup>1</sup>; Nakane, Ayako<sup>1</sup>; Minakuchi, Shunsuke<sup>1</sup>

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### **Back to Basics: A simple Swallow Screen**

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### **Estimating Severity from Video-fluoroscopic Metrics: What's Mild, Moderate or Severe?**

Beall, Jonathan<sup>1</sup>; Hill, Elizabeth G.<sup>1</sup>; Garand, Kendrea<sup>2</sup>; Davidson, Kate<sup>3</sup>; Armeson, Kent<sup>1</sup>; Martin-Harris, Bonnie<sup>4</sup>

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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<sub>2</sub>NP) and swallowing: An evidence review and a snapshot of clinical practice data of Australian Speech Pathologists**

Freeman-Sanderson, Amy<sup>1,2,4</sup>; Goers, Klint<sup>3,4</sup>; Karanges, Alyssa<sup>3,4</sup>

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**Conclusions (including clinical relevance):** Elements of the E<sup>3</sup>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<sub>2</sub>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**

Pitts, Laura L.<sup>1,2,3</sup>; Rogers, Lynn<sup>4</sup>; Wang, Xue<sup>2,5</sup>; Bahia, Mariana M.<sup>1,6</sup>; Cherney, Leora R.<sup>2,3</sup>

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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.**

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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?**

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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)**

da Rosa, Fernanda B.<sup>3</sup>; Schuch, Luiz H.<sup>1</sup>; Steidl, Eduardo M.<sup>3</sup>; Pasqualoto, Adriane S.<sup>4</sup>; Mancopes, Renata<sup>2,3</sup>

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### **Effectiveness of chin-down swallowing: Secondary analysis of existing data**

Forbes, Jessica<sup>1,2</sup>; Smith, Carol<sup>2</sup>; Vose, Alicia<sup>3,2</sup>; Humbert, Ianessa A.<sup>3,2</sup>

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### **Establishing reliability and norms of spinal curvature between cervical vertebrae two and four using the Cobb angle**

Namasivayam-MacDonald, Ashwini M.<sup>1</sup>; Brates, Danielle<sup>2</sup>; Chill, Alexandra<sup>1</sup>; Molfenter, Sonja M.<sup>3</sup>; Riquelme, Luis F.<sup>4,5</sup>

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### **Longitudinal effects of preterm birth on patterns of respiration in infant pigs**

Wu, Katherine<sup>1</sup>; Bond, Laura<sup>1</sup>; Stricklen, Bethany<sup>1</sup>; Gould, Francois D.<sup>2</sup>; Mayerl, Christopher J.<sup>1</sup>; german, rz<sup>3</sup>

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

Zimmerman, Emily<sup>1</sup>; Thompson, Kelsey<sup>1</sup>; Hines, Morgan<sup>1</sup>; Martens, Alaina<sup>1</sup>

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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.<sup>2</sup>; Pitts, Laura L.<sup>1,3,2</sup>; Chang, Chih-hung<sup>4,5,6</sup>; Forand, Kristen<sup>2</sup>; Giewont, Lindsay<sup>2</sup>; Adams, Mallory K.<sup>1</sup>; Cherney, Leora R.<sup>3,7</sup>

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### **Participation in a Proactive Swallowing Program while Undergoing Chemoradiation for Head and Neck Cancer: Patient Perspectives**

Pryor, Jan<sup>2,1</sup>; Yorkston, Kathryn<sup>2</sup>; Baylor, Carolyn<sup>2</sup>

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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**

Mahoney, Amanda<sup>1</sup>; Coyle, Jim<sup>1</sup>; Khalifa, Yassin<sup>2</sup>; Sabry, Aliaa<sup>1</sup>; Sejdic, Ervin<sup>2</sup>

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### **Physiological Stability During Swallowing Exercise**

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

Kroon, Hermina M.<sup>2</sup>; Horlings, Corinne G.<sup>1</sup>; de Swart, Bert J.<sup>2</sup>; van Engelen, Baziel G.<sup>1</sup>; Kalf, Johanna G.<sup>2</sup>

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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**

Krekeler, Brittany N.<sup>1,2</sup>; Rowe, Linda M.<sup>1,2</sup>; Connor, Nadine<sup>1,2</sup>

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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**

McGrattan, Katlyn E.<sup>1</sup>; McKelvey, Keeley<sup>2</sup>; McGhee, Heather<sup>2</sup>; Clemmens, Clarice<sup>3</sup>; Hernandez, Kayla<sup>1</sup>

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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**

Jijakli, Amr<sup>1</sup>; Pisegna, Jessica M.<sup>2,3</sup>; Ramirez, Emily<sup>1</sup>; Murray, Joesph<sup>5</sup>; Leonard, Rebecca<sup>6</sup>; Langmore, Susan E.<sup>4</sup>

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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 and Clinicians**

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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**

Pisegna, Jessica M.<sup>1,2</sup>; Jijakli, Amr<sup>3</sup>; Ramirez, Emily<sup>3</sup>; Pearson, William<sup>4</sup>

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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**

LaGorio, Lisa A.<sup>1</sup>; Rogers, Alexa<sup>3</sup>; Manilla, Anna<sup>2</sup>; Miller, Erin<sup>1</sup>

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### **Training and visual feedback increase the intensity of effortful swallows in healthy normals**

Galek, Kristine E.<sup>1</sup>; Bice, Ed<sup>2</sup>; Smith-Gagen, Julie<sup>3</sup>; Allen, Kathryn<sup>1</sup>

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### **Does Aging Effect Esophageal Bolus Transit Time in the Upright Position Observed Under Videofluoroscopy?**

Garand, Kendrea L.<sup>2,1</sup>; Culp, Lindsey<sup>2</sup>; Wang, Bin<sup>3</sup>; Martin-Harris, Bonnie<sup>4</sup>

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### **Novel method to treat stricture following Head and Neck Cancer**

Maclean, Julia<sup>1,2</sup>; Szczesniak, Michal<sup>2</sup>; Wu, Peter<sup>3</sup>; Graham, Peter<sup>1,2</sup>; Cook, Ian<sup>2,3</sup>

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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**

Robison, Raele<sup>1</sup>; Smith-Sherry, May<sup>1</sup>; Tabor-Gray, Lauren<sup>1</sup>; Chapin, Jennifer<sup>1</sup>; Magennis, Kelby<sup>1</sup>; Smith, Carol<sup>1</sup>; Anderson, Amber<sup>1</sup>; Wymer, James<sup>2</sup>; Plowman, Emily K.<sup>1</sup>

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

Aggarwal, Puja<sup>1,2</sup>; Zaveri, Jhankruti<sup>1</sup>; Goepfert, Ryan P.<sup>1</sup>; Gunn, G B.<sup>3</sup>; Lai, Stephen Y.<sup>1</sup>; Fuller, Clifton D.<sup>3</sup>; Hanna, Ehab Y.<sup>1</sup>; Rosenthal, David<sup>3</sup>; Lewin, Jan<sup>1</sup>; Hutcheson, Katherine<sup>4</sup>

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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**

Magara, Jin<sup>1</sup>; Watanabe, Masahiro<sup>1</sup>; Tsujimura, Takanori<sup>1</sup>; Inoue, Makoto<sup>1</sup>

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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**

Kaneoka, Asako<sup>1</sup>; Inokuchi, Haruhi<sup>1</sup>; Ueha, Rumi<sup>2</sup>; Sato, Taku<sup>2</sup>; Goto, Takao<sup>2</sup>; Yang, Sky<sup>3</sup>; Nito, Takaharu<sup>2</sup>; Seto, Yasuyuki<sup>4</sup>; Haga, Nobuhiko<sup>1</sup>

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### **Characteristics of Sarcopenic Dysphagia: Measurement of Suprahyoid Muscle Activity Using Surface Electromyography**

Sakai, Kotomi<sup>1,2</sup>; Nakayama, Enri<sup>3</sup>; Pulia, Nicole Rogus<sup>6,7,8</sup>; Urayama, Kevin<sup>2</sup>; Ueda, Koichiro<sup>3</sup>; Takehisa, Takahiro<sup>4</sup>; Takehisa, Yozo<sup>5</sup>; Takahashi, Osamu<sup>2</sup>

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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**

Georgopoulos, Voula C.<sup>1</sup>; Rajappa, Akila T.<sup>3</sup>; Soriano, Kristie<sup>4</sup>; Zeimer, Courtney<sup>4</sup>; Malandraki, Georgia<sup>2</sup>

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## **High-Resolution Pharyngeal Manometry in Pediatric Populations: A Systematic Review**

Hoffmeister, Jesse D.<sup>1,2</sup>; Braden, Maia<sup>1</sup>; Broadfoot, Courtney<sup>1,2</sup>; Hooper-Lane, Christopher<sup>3</sup>; Jones, Corinne A.<sup>4</sup>; Thibeault, Susan<sup>1,2</sup>

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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**

Palmer, Andrew D.<sup>1</sup>; Pietrowski, Jessica<sup>1</sup>; Bryans, Linda<sup>1</sup>; Britton, Deanna<sup>1,2</sup>; Anderson, Shannon<sup>3</sup>; Graville, Donna<sup>1</sup>

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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).**

Nakao, Mari<sup>2,1</sup>; Steele, Catriona<sup>3</sup>; Maeno, Yutaka<sup>1</sup>; Izumi, Shinichi<sup>2</sup>

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### **Standardizing Dysphagia Severity Assessments in Oropharyngeal Cancer Patients**

Broderick, Erin M.<sup>1</sup>; Kaval, Farah<sup>1</sup>; Howell, Rebecca<sup>4</sup>; Takiar, Vinita<sup>2</sup>; McGrattan, Katlyn E.<sup>3</sup>; Tang, Alice<sup>4</sup>

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## Quality of evidence concerning dysphagia following tracheostomy placement: Should we believe what we read?

Skoretz, Stacey A.<sup>1,2,3,5</sup>; Abrams, Nekesia<sup>1</sup>; Riopelle, Stephanie<sup>1</sup>; Dawson, Camilla<sup>4</sup>

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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**

Galek, Kristine E.<sup>1</sup>; Bice, Ed<sup>2</sup>; Smith-Gagen, Julie<sup>3</sup>; Allen, Kathryn<sup>1</sup>

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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**

Mancopes, Renata<sup>1,2</sup>; Smaoui, Sana<sup>3,1</sup>; Steele, Catriona<sup>1,3</sup>

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**How closely do machine ratings of duration of UES opening during videofluoroscopy approximate clinician ratings using the MBSImP?**

Donohue, Cara<sup>1</sup>; Khalifa, Yassin<sup>2</sup>; Sejdic, Ervin<sup>2</sup>; Coyle, Jim<sup>1</sup>

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**Does Epiglottic Deflection Contribute to Airway Protection in Patients with Dementia?**

Rider, Brianna E.<sup>1</sup>; Attner, Lauren<sup>1</sup>; Riquelme, Luis F.<sup>2</sup>; Namasivayam-MacDonald, Ashwini M.<sup>1</sup>

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### **Diagnostic Accuracy of an Esophageal Sweep Protocol**

Watts, Stephanie A.<sup>1</sup>; Gaziano, Joy<sup>1</sup>; Kumar, Ambuj<sup>1</sup>; Richter, Joel<sup>1</sup>

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### **Coordination between tongue pressure production and hyoid excursion during squeezing**

Murakami, Kazuhiro<sup>1</sup>; Hori, Kazuhiro<sup>2</sup>; Minagi, Yoshitomo<sup>1</sup>; Fujiwara, Shigehiro<sup>2</sup>; Ono, Takahiro<sup>2,1</sup>; Ikebe, Kazunori<sup>1</sup>

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### **Factors associated with functional swallow status before and after treatment for laryngeal carcinoma**

Loy, Jamie<sup>1</sup>; Yee, Kaisin<sup>1</sup>; Roche, Elizabeth<sup>1</sup>; Sommat, Kiattisa<sup>2</sup>; Teo, Constance<sup>3</sup>; Iyer, N Gopalakrishna<sup>4</sup>; Wong, Seng Mun<sup>1</sup>

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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**

Hara, Koji<sup>1</sup>; Tohara, Haruka<sup>1</sup>; Namiki, Chizuru<sup>2</sup>; Yamaguchi, Kohei<sup>3</sup>; Chantaramanee, Ariya<sup>1</sup>; Kurosawa, Yukiko<sup>1</sup>; Nakagawa, Kazuharu<sup>1</sup>; Nakane, Ayako<sup>1</sup>; Minakuchi, Shunsuke<sup>1</sup>

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

Donohue, Cara<sup>1</sup>; Mao, Shitong<sup>2</sup>; Sejdic, Ervin<sup>2</sup>; Coyle, Jim<sup>1</sup>

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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)**

Green, Carlos<sup>1</sup>; Landera, Mario<sup>1</sup>; Lundy, Donna<sup>1</sup>; Coviello, Caitlin<sup>1</sup>; Fawole, Opeoluwa<sup>1</sup>; Thomas, Giovana<sup>1</sup>

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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**

Hopkins-Rossabi, Theresa<sup>1</sup>; McGrattan, Katlyn<sup>2</sup>; Rowe, Micheal<sup>3</sup>; Rossabi, Sam<sup>4</sup>; Steve, Zecker<sup>1</sup>; Martin-Harris, Bonnie<sup>1</sup>

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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**

Starmer, Heather<sup>1</sup>; Beadle, Beth<sup>2</sup>; Abrams, rina<sup>3</sup>; Webster, Kimberly<sup>3</sup>; quon, Harry<sup>4</sup>; Kizner, Jennifer<sup>5</sup>; Richmon, Jeremy<sup>6</sup>

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### **Determining ICU practice patterns for oral intake reinitiation following tracheostomy: Survey development and validation**

Skoretz, Stacey A.<sup>1,2,4,3</sup>; Serviss, Alysha<sup>4</sup>; Skogsrud, Karolin<sup>4</sup>; Benoit, Andrea<sup>4</sup>; Kurian, Mini<sup>4</sup>; Dawson, Camilla<sup>5</sup>

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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?**

Starmer, Heather<sup>1</sup>; Yao, Theresa Jingyun<sup>4</sup>; Edwards, Jeffrey<sup>4</sup>; Graville, Donna<sup>2</sup>; Bolognone, Rachel K.<sup>3</sup>; Kizner, Jennifer<sup>4</sup>; Palmer, Andrew D.<sup>2</sup>

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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**

Garand, Kendrea L.<sup>1</sup>; Beall, Jonathan<sup>3</sup>; Hill, Elizabeth G.<sup>3</sup>; Pearson, William<sup>5</sup>; Krug, Elaine<sup>3</sup>; Davidson, Kate<sup>4</sup>; Blair, Julie<sup>3</sup>; Martin-Harris, Bonnie<sup>2</sup>

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

Inamoto, Yoko<sup>1</sup>; Saitoh, Eiichi<sup>2</sup>; Sato, Yuriko<sup>3</sup>; Ito, Yuriko<sup>2</sup>; Aoyagi, Yoichiro<sup>2</sup>; Shibata, Seiko<sup>2</sup>; Kagaya, Hitoshi<sup>2</sup>; Aihara, Keiko<sup>3</sup>; Gonzalez-Fernandez, Marlis<sup>4</sup>

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**Relevant Non-Financial Relationships:** Yoko Inamoto: Nothing to disclose | Eiichi Saitoh: Nothing to disclose | Yuriko Sato: Nothing to disclose | Yuriko Ito: Nothing to disclose | Yoichiro Aoyagi: Nothing to disclose | Seiko Shibata: Nothing to disclose | Hitoshi Kagaya: Nothing to disclose | Keiko Aihara: Nothing to disclose | Marlis Gonzalez-Fernandez: Nothing to disclose

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### **Developing system requirements for pediatric feeding assessments via telepractice**

Raatz, Madeline K.<sup>4,1</sup>; Ward, Elizabeth<sup>2,1</sup>; Marshall, Jeanne H.<sup>4,1</sup>; Burns, Clare L.<sup>3,1</sup>

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

Silbergleit, Alice K.<sup>1,2</sup>; Schultz, Lonni<sup>4</sup>; Konnai, Ramya<sup>1</sup>; Sidiropoulos, Christos<sup>3</sup>; LeWitt, Peter<sup>1,2</sup>

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2. Neurology, Wayne State University School of Medicine, Detroit, MI, United States
3. Neurology, Michigan State University, East Lansing, MI, United States
4. Public Health Policy and Sciences, Henry Ford Health System, Detroit, MI, United States

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**Relevant Non-Financial Relationships:** Alice Silbergleit: Nothing to disclose | Lonni Schultz: Nothing to disclose | Ramya Konnai: Nothing to disclose | Christos Sidiropoulos: Nothing to disclose | Peter LeWitt: Professional: Clinical Neuropharmacology; Professional: Journal of

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

Silbergleit, Alice K.<sup>4,1</sup>; Schultz, Lonni<sup>2</sup>; Krisciunas, Gintas<sup>3</sup>; Susan, Langmore<sup>3</sup>

1. Neurology, Wayne State University School of Medicine, Detroit, MI, United States
2. Public Health Sciences, Henry Ford Health System, Detroit, MI, United States
3. Boston Medical Center, Boston, MA, United States
4. Neurology, Henry Ford Health System, Detroit, MI, United States

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

**Relevant Financial Relationships:** Alice Silbergleit: Has affiliations to disclose; Salary/Stipend: Henry Ford Health System; | Lonni Schultz: Has affiliations to disclose; Salary/Stipend: Henry Ford Health System; | Gintas Krisciunas: Has affiliations to disclose; Salary/Stipend: Boston Medical Center; | Langmore Susan: Has affiliations to disclose; Grant: National Institutes of Health;

**Relevant Non-Financial Relationships:** Alice Silbergleit: Nothing to disclose | Lonni Schultz: Nothing to disclose | Gintas Krisciunas: Nothing to disclose | Langmore Susan: Professional: DRS

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

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**Relevant Non-Financial Relationships:** Jenan Altamimi: Nothing to disclose | Joanne Patterson: Nothing to disclose | Janet Wilson: Nothing to disclose

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

Keane, Julie<sup>1</sup>; Horan, Éanna<sup>1</sup>; O'Neill, Desmond<sup>2,3</sup>

1. Speech and Language Therapy, Tallaght University Hospital, Tallaght, Dublin 24, Ireland
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**Relevant Financial Relationships:** Julie Keane: Has affiliations to disclose; Scholarship: The Meath Foundation, Tallaght University Hospital; | Éanna Horan: Nothing to disclose | Desmond O'Neill:

Nothing to disclose

**Relevant Non-Financial Relationships:** Julie Keane: Nothing to disclose | Éanna Horan: Nothing to disclose | Desmond O'Neill: Nothing to disclose

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### **ASPIRATION: DIAGNOSTIC CONTRIBUTION FROM BEDSIDE AND ENDOSCOPY**

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3. ENT, AUSL Romagna, Rimini, Rimini, Italy
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### **Clinical profile and recovery pattern of dysphagia following inhalation burn injury**

Clayton, Nicola<sup>1,3,4,2</sup>; Ward, Elizabeth<sup>5,2</sup>; Cross, Rosalba R.<sup>4</sup>; Kol, Mark R.<sup>4</sup>; Maitz, Peter K.<sup>3,6</sup>

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**Relevant Non-Financial Relationships:** Nicola Clayton: Professional: Dysphagia Research Society | Elizabeth Ward: Professional: Dysphagia Research Society | Rosalba Cross: Nothing to disclose | Mark Kol: Nothing to disclose | Peter Maitz: Nothing to disclose

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### **Barium Paste as a Routine Trial in Videofluoroscopy**

Jardine, Marie<sup>2</sup>; Miles, Anna<sup>2</sup>; Allen, Jacqueline<sup>2,1</sup>

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**Relevant Non-Financial Relationships:** Marie Jardine: Professional: DRS; Institutional: The University of Auckland | Anna Miles: Professional: DRS | Jacqueline Allen: Professional: DRS; Professional: The University of Auckland

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### **Relationship between cervical perimeter and cross sectional area of geniohyoid muscle of healthy elderly.**

Kurosawa, Yukiko<sup>1</sup>; Hara, Koji<sup>1</sup>; Fuji, Ayako<sup>1</sup>; Yoshimi, Kanako<sup>1</sup>; Chantaramanee, Ariya<sup>1</sup>; Tohara, Haruka<sup>1</sup>; Minakuchi, Shunsuke<sup>1</sup>

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