Arash Babaei, MD
Financial Disclosure:
Salary: Medical College of Wisconsin, Milwaukee, WI
Faculty Concession/Honorarium received from the DRS
Nonfinancial Disclosure:
Member: Dysphagia Research Society

Julie Barkmeier-Kraemer, PhD, CCC-SLP
Financial Disclosure:
Salary: University of Utah, Salt Lake City, UT
Faculty Concession/Honorarium received from the DRS
Grant/Research Support: University of Utah
Nonfinancial Disclosure:
Member: Dysphagia Research Society;
DRS 2016 Program Planning Committee;
DRS Ad Hoc Early Investigator Initiative Committee

Diane Bild, MD, MPH
Financial Disclosure:
Salary: Patient-Centered Outcomes Research Institute, Washington, DC
Nonfinancial Disclosure:
No relevant nonfinancial relationship exists

Martin B. Brodsky, PhD, ScM, CCC-SLP
Financial Disclosure:
Salary: Johns Hopkins University, Baltimore, MD
Grant/Research Support: NIH/NIDCD
Royalties: MedBridge, Inc.
Nonfinancial Disclosure:
Member: Dysphagia Research Society

Cheri L. Canon, MD, FACR
Financial Disclosure:
Salary: The University of Alabama at Birmingham, Department of Radiology, Birmingham, AL
Faculty Concession/Honorarium received from the DRS
Royalty: McGraw-Hill
Nonfinancial Disclosure:
No relevant nonfinancial relationship exists

Giselle Carnaby, MPH, PhD, FASHA
Financial Disclosure:
Salary: University of Central Florida, Orlando, FL
Faculty Concession/Honorarium received from the DRS
Nonfinancial Disclosure:
Member: Dysphagia Research Society

Michelle R. Ciucci, PhD, CCC-SLP
Financial Disclosure:
Salary: University of Wisconsin, Madison, WI
Grant/Research Support: University of Wisconsin
Intellectual Property Rights: University of Wisconsin
Nonfinancial Disclosure:
Board Member: National Foundation of Swallowing Disorders
Member: Dysphagia Research Society;
DRS 2016 Program Planning Committee

Nadine P. Connor, PhD, CCC-SLP
Financial Disclosure:
Salary: University of Wisconsin, Madison, WI
Grant/Research Support: NIH
Nonfinancial Disclosure:
Member: Dysphagia Research Society;
DRS Ad Hoc Early Investigator Initiative Committee

Stephanie K. Daniels, PhD, CCC-SLP
Financial Disclosure:
Salary: University of Houston, Houston, TX
Faculty Concession/Honorarium received from the DRS
Grant/Research Support: Department of Veterans Affairs
Royalties: Plural Publishing Company
Nonfinancial Disclosure:
Member: Dysphagia Research Society, DRS 2016 Program Planning Committee;
DRS Scientific Abstract Review Committee — Chair;
DRS Corporate Support Committee Board Member:
DRS President-Elect

Pamela Dodrill, PhD, CCC-SLP
Financial Disclosure:
Salary: Brigham & Women's Hospital, Boston, MA
Faculty Concession/Honorarium received from the DRS
Nonfinancial Disclosure:
Member: Dysphagia Research Society; Feeding Matters
Board and Medical Advisory Committee Member:
Feeding Matters

Sebastian Doeltgen, PhD, MSLT
Financial Disclosure:
Salary: Flinders University, Adelaide, South Australia
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS Scientific Abstract Review Committee

Caryn Easterling, PhD, CCC, ASHA Fellow
Financial Disclosure:
Salary: University of Wisconsin, Milwaukee, WI
Nonfinancial Disclosure:
Member: Dysphagia Research Society;
DRS 2016 Program Planning Committee;
DRS Scientific Abstract Review Committee

Ralph F. Fregosi, PhD
Financial Disclosure:
Salary: The University of Arizona College of Medicine, Tucson, AZ
Faculty Concession/Honorarium received from the DRS and Springer
Grant/Research Support: NIH
Nonfinancial Disclosure:
No relevant nonfinancial relationship exists

Rebecca Z. German, PhD
Financial Disclosure:
Salary: Northeast Ohio Medical University, Rootstown, OH
Nonfinancial Disclosure:
Member: Dysphagia Research Society

Ianesa A. Humbert, PhD
Financial Disclosure:
Salary: University of Florida, Gainesville, FL
Royalty: Northern Speech Services; Medbridge
Nonfinancial Disclosure:
Member: ASHA; Dysphagia Research Society;
DRS Ad Hoc Early Investigator Initiative Committee
Sudarshan R. Jadcherla, MD, FRCP (Ireland), DCH, AGAF  
Financial Disclosure:  
Salary: Nationwide Children's Hospital and The Ohio State University College of Medicine, Columbus, OH  
Grant/Research Support: NIH/NIDDK  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society; DRS 2016 Program Planning Committee; DRS Corporate Support Committee; Society for Pediatric Research  
Board Member: DRS Councilor

Jonas T. Johnson, FACS  
Financial Disclosure:  
Salary: University of Pittsburgh; University of Pittsburgh Medical Center, Pittsburgh, PA  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society

Susan E. Langmore, PhD, CCC-SLP, BCS-S  
Financial Disclosure:  
Salary: Boston University, Boston, MA  
Grant/Research Support: 1 R01 DC-12584-01A1; Nestec  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society; DRS 2016 Program Planning Committee

Cathy L. Lazarus, PhD, CCC-SLP, BCS-S  
Financial Disclosure:  
Salary: Mount Sinai Beth Israel, New York, NY  
Royalty: NSS-RS  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society

Maureen A. Lefton-Greif, PhD, CCC-SLP, BCS-S  
Financial Disclosure:  
Salary: Johns Hopkins University School of Medicine, Baltimore, MD  
Grant/Research Support: National Institute on Deafness and other Communication Disorders; Ataxia-Telangiectasia Children’s Project  
Royalty: Pearson’s  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society; DRS 2016 Program Planning Committee; DRS Ad Hoc Early Investigator Initiative Committee; DRS Ad Hoc Multidisciplinary Scientific Advancement Committee – Co-chair

Jan S. Lewin, PhD, BCS-S  
Financial Disclosure:  
Salary: University of Texas, MD Anderson Cancer Center, Houston, TX  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society

Phoebe Macrae, PhD  
Financial Disclosure:  
Salary: The University of Canterbury, Christchurch, New Zealand  
Nonfinancial Disclosure:  
Membership: University of Canterbury Rose Centre for Stroke Recovery and Research

Georgia A. Malandraki, PhD, CCC-SLP, BCS-S  
Financial Disclosure:  
Salary: Purdue University, West Lafayette, IN  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society; DRS 2016 Program Planning Committee; DRS Ad Hoc Multidisciplinary Scientific Advancement Committee  
Volunteer Consulting: National and Kapodistrian University of Athens, Greece

Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BCS-S, ASHA Fellow  
Financial Disclosure:  
Salary: Medical University of South Carolina, Charleston, SC  
Grant/Research Support: NIH/NIDCD K24; NIH/NIDCD R01; VA RR&D; VA RR&D, SPIRE; Mark and Evelyn Trammell Trust  
Royalty and Speaking Fee: Northern Speech Services  
Equipment: Given Imaging  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society; DRS 2016 Program Planning Committee; DRS Ad Hoc Early Investigator Initiative Committee – Chair

Benson T. Massey, MD, FACP  
Financial Disclosure:  
Salary: Medical College of Wisconsin, Milwaukee, WI  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Editor: American College of Physicians  
Member: Dysphagia Research Society; DRS 2016 Program Planning Committee; American Neurogastroenterology and Motility Society – Councilor

Timothy M. McCulloch, MD, FACS  
Financial Disclosure:  
Salary: University of Wisconsin, Madison, WI  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Board Member and Consultant: Wisconsin Voice & Swallow Innovation Group  
Member: Dysphagia Research Society; DRS 2016 Program Planning Committee; DRS Ad Hoc Early Investigator Initiative Committee

Gary H. McCullough, PhD  
Financial Disclosure:  
Salary: Appalachian State University, College of Health Sciences, Boone, NC  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society; DRS Corporate Support Committee Chair; DRS 2016 Program Planning Committee; DRS Scientific Abstract Review Committee  
Board Member: DRS Treasurer
David H. McFarland, PhD
Financial Disclosure:
Salary: Université de Montréal, Québec, Canada
Stipend and Ownership Interest: LSVT Global, Inc.
Nonfinancial Disclosure:
Adjunct Professor: McGill University
Member: Center for Research in Brain, Language and Music

Art Miller, PhD
Financial Disclosure:
Salary: University of California San Francisco, School of Dentistry, San Francisco, CA
Nonfinancial Disclosure:
Member: Dysphagia Research Society;
DRS 2016 Program Planning Committee

Lisa A. Newman, ScD
Financial Disclosure:
Salary: National Institute of General Medical Sciences, National Institutes of Health, Bethesda, MD
Nonfinancial Disclosure:
No relevant nonfinancial relationship exists

Mark A. Nicosia, PhD
Financial Disclosure:
Salary: Widener University, Chester, PA
Nonfinancial Disclosure:
Member: Dysphagia Research Society;
DRS 2016 Program Planning Committee;
DRS Ad Hoc Multidisciplinary Scientific Advancement Committee

John E. Pandolfino, MD
Financial Disclosure:
Salary: Northwestern Medicine, Chicago, IL
Consulting /Speaking Fee: AstraZeneca; Covidien, PLC; Given Imaging, Ltd.; Takeda Pharmaceutical Company Limited; Crospon Inc., Medtronic; Sandhill
Faculty Concession/Honorarium received from the DRS
Nonfinancial Disclosure:
Member: Mayo Foundation for Medical Education and Research

Elena Plante, PhD, CCC-SLP
Financial Disclosure:
Salary: Department of Speech, Language, & Hearing Sciences, The University of Arizona, Tucson, AZ
Faculty Concession/Honorarium received from the DRS
Nonfinancial Disclosure:
No relevant nonfinancial relationship exists

Barbara Sonies, PhD, CCC-SLP, BCS-S
Financial Disclosure:
Salary: University of Maryland, College Park, MD
Retired Professor-emeritus
Consulting: National Institutes of Health;
Human Genome Research Institute
Bethesda, MD
Nonfinancial Disclosure:
Member: Dysphagia Research Society
Board Member: DRS Archivist

Debra M. Suiter, PhD, CCC-SLP, BCS-S
Financial Disclosure:
Salary: University of Kentucky Voice & Swallow Clinic, Lexington, KY
Nonfinancial Disclosure:
Member: Dysphagia Research Society
Board Member: DRS Councilor

Neelesh A. Tipnis, MD
Financial Disclosure:
Salary: University of Mississippi Medical Center, Jackson, MS
Faculty Concession/Honorarium received from the DRS
Honoraria and Speaking: Medical Measurement Systems
Sponsored Research: Sucampo Pharmaceuticals;
Takeda Pharmaceutical; QOL Medial
Stock Options for Medical Advisory: Rockwest Medical
Nonfinancial Disclosure:
Member: North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN);
American Academy of Pediatrics, Mississippi Chapter
Volunteer Teaching: North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN);
American Academy of Pediatrics, Mississippi Chapter

Douglas J. Van Daele, MD
Financial Disclosure:
Salary: University of Iowa Healthcare, Iowa City, IA
Faculty Concession/Honorarium received from the DRS
Nonfinancial Disclosure:
Member: Dysphagia Research Society;
DRS 2016 Program Planning Committee – Chair
Board Member: DRS President

Jan Vanderwegen, MD
Financial Disclosure:
Salary: Thomas More University College, Haacht, Belgium
Nonfinancial Disclosure:
Member: Dysphagia Research Society, DRS 2016 Program Planning Committee, DRS Scientific Abstract Review Committee

All other faculty members, program planners and staff have indicated that they do not have any relevant financial relationships with commercial interests to disclose in regard to their presentations and/or participation in the planning process of the 24th DRS Annual Meeting and Post-Graduate Course. Disclosures for Scientific Session presenters and co-authors will be listed here: http://www.dysphagiaresearch.org/resource/resmgr/
Meeting_Files/DRS_2016_Annual_Mtg_and_Post.pdf.
CHILDREN WITH UNILATERAL SPASTIC CEREBRAL PALSY AND DYSPHAGIA PRESENT WITH MALADAPTIVE MORPHOMETRY IN CORTICAL AREAS ASSOCIATED WITH SWALLOWING

Malandraki, Georgia A.¹; Cameron, Eric²; Friel, Kathleen³,⁴; Dyke, Jonathan P.⁵; Sheppard, Justine J.⁵; Gordon, Andrew M.⁵

1. Speech, Language, Hearing Sciences, Purdue University, West Lafayette, IN, United States
2. School of Health Sciences, Purdue University, West Lafayette, IN, United States
3. Burke Medical Research Institute, White Plains, NY, United States
4. Weill Cornell Medical College, New York, NY, United States
5. Biobehavioral Sciences, Teachers College, Columbia University, New York, NY, United States
6. Radiology, Weill Cornell Medical College, New York, NY, United States

RELEVANT FINANCIAL RELATIONSHIPS: Georgia Malandraki: Has affiliations to disclose; Purdue University: Salary/Stipend: Employment | Eric Cameron: Has affiliations to disclose; Purdue University: Salary/Stipend: Employment | Kathleen Friel: Has affiliations to disclose; Burke Medical Research Institute: Salary/Stipend: Employment; Weill Cornell Medical College: Salary/Stipend: Employment; NIH: Contracted Research: Independent contractor (Including contracted research) | Jonathan Dyke: Has affiliations to disclose; Weill Cornell Medical College: Salary/Stipend: Employment | Justine Sheppard: Has affiliations to disclose; Teachers College, Columbia University: Salary/Stipend: Teaching and speaking; Nutritional Management Associates, LLC: Salary/Stipend: Ownership | Andrew Gordon: Has affiliations to disclose; Teachers College, Columbia University: Salary/Stipend: Employment; NIH: Contracted Research: Independent contractor (Including contracted research)


FUNCTIONAL NEUROPLASTIC ADAPTATIONS OF THE SWALLOWING NETWORK IN CHILDREN WITH UNILATERAL SPASTIC CEREBRAL PALSY AND DYSPHAGIA: A RESTING-STATE FMRI STUDY

Malandraki, Georgia A.¹; Abbas, Kausar²; Friel, Kathleen³,⁴; Dreyer, Colleen¹; Sheppard, Justine J.⁵; Gordon, Andrew M.⁵

1. Speech, Language, Hearing Sciences, Purdue University, West Lafayette, IN, United States
2. Electrical and Computer Engineering, Purdue University, West Lafayette, IN, United States
3. Burke Medical Research Institute, White Plains, NY, United States
4. Weill Cornell Medical College, New York, NY, United States
5. Biobehavioral Sciences, Teachers College, Columbia University, New York, NY, United States

RELEVANT FINANCIAL RELATIONSHIPS: Georgia Malandraki: Has affiliations to disclose; Purdue University: Salary/Stipend: Employment | Kausar Abbas: Has affiliations to disclose; Purdue University: Salary/Stipend: Employment | Kathleen Friel: Has affiliations to disclose; Burke Medical Research Institute: Salary/Stipend: Employment; Weill Cornell Medical College: Salary/Stipend: Employment; NIH: Contracted Research: Independent contractor (Including contracted research) | Colleen Dreyer: Has affiliations to disclose; Purdue University: Salary/Stipend: Employment | Justine Sheppard: Has affiliations to disclose; Teachers College, Columbia University: Salary/Stipend: Teaching and speaking; Nutritional Management Associates, LLC: Salary/Stipend: Ownership | Andrew Gordon: Has affiliations to disclose; Teachers College, Columbia University: Salary/Stipend: Employment; NIH: Contracted Research: Independent contractor (Including contracted research)


COMPARISON OF VISCOSITY BETWEEN STARCH-THICKENED NEONATAL FORMULA AND VFSS ASSESSMENT FLUIDS

Madhoun, Lauren L.¹,²; Wackler, Christina¹; Sitaram, Swetha¹; Hasenstab, Kathryn¹; Jadcherla, Sudarshan R.¹,³

1. The Neonatal and Infant Feeding Disorders Program, The Research Institute at Nationwide Children’s Hospital, Columbus, OH, United States
2. Department of Speech and Hearing Science, The Ohio State University, Columbus, OH, United States
3. Division of Neonatology, Pediatric Gastroenterology and Nutrition, Department of Pediatrics, The Ohio State University College of Medicine, Columbus, OH, United States

RELEVANT FINANCIAL RELATIONSHIPS: Lauren Madhoun: Has affiliations to disclose; Nationwide Children’s Hospital: Salary/Stipend: Employment | Christina Wackler: Nothing to Disclose | Swetha Sitaram: Nothing to Disclose | Kathryn Hasenstab: Nothing to Disclose | Sudarshan Jadcherla: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Lauren Madhoun: Nothing to Disclose | Christina Wackler: Nothing to Disclose | Swetha Sitaram: Nothing to Disclose | Kathryn Hasenstab: Nothing to Disclose | Sudarshan Jadcherla: Nothing to Disclose
SPONTANEOUS SWALLOWING FREQUENCY, DYSPHAGIA, AND ORAL MORBIDITIES IN RCT TREATED HEAD/NECK CANCER PATIENTS

Crary, Michael A.2; Carnaby, Giselle2; Madhavan, Aarthi 1; Mendenhall, William3

1. Swallow Research Laboratory, University of Florida, Gaineville, FL, United States
2. Swallowing Research Laboratory, University of Central Florida, Orlando, FL, United States
3. Radiation Oncology, University of Florida Health Science Center, Gainesville, FL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Michael Crary: Has affiliations to disclose; Florida Department of Health: Grant: Other Activities; NCI: Grant: Other Activities | Giselle Carnaby: Nothing to Disclose | Aarthi Madhavan: Nothing to Disclose | William Mendenhall: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Michael Crary: Nothing to Disclose | Giselle Carnaby: Nothing to Disclose | Aarthi Madhavan: Nothing to Disclose | William Mendenhall: Nothing to Disclose

COMPONENTS OF MEALTIME DURATION IN A NATURAL ENVIRONMENT CORRELATE WITH FEEDING AND SWALLOWING PERFORMANCE IN CHILDREN WITH CEREBRAL PALSY: A PILOT STUDY

Mishra, Avinash1; Sheppard, Justine J.1; Malandraki, Georgia A.2

1. Columbia University, New York, NY, United States
2. Purdue University, West Lafayette, IN, United States

RELEVANT FINANCIAL RELATIONSHIPS: Avinash Mishra: Nothing to Disclose | Justine Sheppard: Has affiliations to disclose; Columbia University: Salary/Stipend: Employment | Georgia Malandraki: Has affiliations to disclose; Purdue University: Salary/Stipend: Employment


A NOVEL TOOL FOR STANDARDIZATION OF VIDEOFLUOROSCOPIC SWALLOWING ASSESSMENT IN BOTTLE-FED CHILDREN

Lefton-Greif, Maureen A.1,2,3,4; Carson, Kathryn A.6; Pinto, Jeanne1,2; McGrattan, Katlyn M.7; Wright, Jennifer M.2,5; Martin-Harris, Bonnie7

1. Eudowood Division of Pediatric Respiratory Sciences, Johns Hopkins School of Medicine, Baltimore, MD, United States
2. Department of Pediatrics, Johns Hopkins School of Medicine, Baltimore, MD, United States
3. Department of Otolaryngology-Head and Neck Surgery, Johns Hopkins School of Medicine, Baltimore, MD, United States
4. Department of Physical Medicine and Rehabilitation, Johns Hopkins School of Medicine, Baltimore, MD, United States
5. The Eudowood Division of Pediatric Allergy and Immunology at Johns Hopkins Medical Institutions, Johns Hopkins School of Medicine, Baltimore, MD, United States
6. Department of Epidemiology, Welch Center for Prevention, Epidemiology and Clinical Research, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, United States
7. Otolaryngology Head & Neck Surgery, College of Health Professions, MUSC Evelyn Trammell Institute for Voice and Swallowing, Medical University of South Carolina, Charleston, SC, United States

RELEVANT FINANCIAL RELATIONSHIPS: Maureen Lefton-Greif: Has affiliations to disclose; NIH/NIDCD: Grant: Other Activities; Johns Hopkins University School of Medicine, Baltimore, Maryland: Salary/Stipend: Employment | Kathryn Carson: Has affiliations to disclose; Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health: Salary/Stipend: Employment; NIH/NIDCD 1R01DC011290: Grant: Other Activities | Jeanne Pinto: Has affiliations to disclose; NIH/NIDCD 1R01DC011290: Grant: Other Activities; Johns Hopkins University School of Medicine, Baltimore, Maryland: Salary/Stipend: Employment | Katlyn McGrattan: Has affiliations to disclose; MUSC Evelyn Trammell Institute for Voice and Swallowing, Medical University of South Carolina: Salary/Stipend: Employment; NIH/NIDCD 1R01DC011290: Grant: Other Activities | Jennifer Wright: Has affiliations to disclose; Johns Hopkins University School of Medicine, Baltimore, Maryland: Salary/Stipend: Employment; NIH/NIDCD 1R01DC011290: Grant: Other Activities | Bonnie Martin-Harris: Has affiliations to disclose; Ralph H Johnson VAMC: Grant: Employment; Medical University of South Carolina: Salary/Stipend: Employment; NIH: Grant: Independent contractor (Including contracted research); Bracco Diagnostics: Grant: Independent contractor (Including contracted research); Mark and Evelyn Trammell Trust: Grant: Other Activities; Given Imaging: Other Financial or Material Support: Other Activities; Northern Speech Services: Royalty: Teaching and speaking

RELEVANT NON-FINANCIAL RELATIONSHIPS: Maureen Lefton-Greif: Has a Non-Financial Disclosure Affiliation | Dysphagia Research Society: Professional: Membership | Dysphagia Research Society: Professional: Volunteer membership on advisory committee or review panels | Kathryn Carson: Nothing to Disclose | Jeanne Pinto: Nothing to Disclose | Katlyn McGrattan:
VALIDITY AND RELIABILITY OF THE NEONATAL FEEDING ASSESSMENT SCALE (NFAS)
Viviers, Mari1,2; Kritzinger, Alta2
1. Department of Speech-language Therapy and Audiology, Sefako Makgatho Health Sciences University, Pretoria, Gauteng, South Africa
2. Department of Speech-language Therapy and Audiology, University of Pretoria, Pretoria, Gauteng, South Africa

RELEVANT FINANCIAL RELATIONSHIPS: Mari Viviers: Has affiliations to disclose; University of Pretoria: Other Financial or Material Support: Other Activities | Alta Kritzinger: Has affiliations to disclose; University of Pretoria: Salary/Stipend: Employment

RELEVANT NON-FINANCIAL RELATIONSHIPS: Mari Viviers: Nothing to Disclose | Alta Kritzinger: Nothing to Disclose

VOLUME-DEPENDENT SWALLOWING PRESSURE VARIABILITY IN PATIENTS WITH PARKINSON DISEASE AND HEALTHY CONTROLS
Jones, Corinne A.1,2,3; Ciucci, Michelle1,2,3; McCulloch, Timothy1
1. Surgery, Division of Otolaryngology, University of Wisconsin-Madison, Madison, WI, United States
2. Communication Sciences & Disorders, University of Wisconsin-Madison, Madison, WI, United States
3. Neuroscience Training Program, University of Wisconsin-Madison, Madison, WI, United States

RELEVANT FINANCIAL RELATIONSHIPS: Corinne Jones: Has affiliations to disclose; National Institutes of Health: Grant: Employment | Michelle Ciucci: Has affiliations to disclose; National Institutes of Health: Grant: Employment | Timothy McCulloch: Has affiliations to disclose; National Institutes of Health: Grant: Employment


CONTRASTING TWO PROPHYLACTIC-DYSPHAGIA INTERVENTIONS FOR PATIENTS WITH HEAD AND NECK CANCER TREATED WITH RADIOTHERAPY WITH OR WITHOUT ADJUNCTIVE CHEMOTHERAPY
Slovarp, Laurie1; Off, Catherine1
1. Communicative Sciences and Disorders, The University of Montana, Missoula, MT, United States

RELEVANT FINANCIAL RELATIONSHIPS: Laurie Slovarp: Has affiliations to disclose; The University of Montana: Salary/Stipend: Employment | Catherine Off: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Laurie Slovarp: Nothing to Disclose | Catherine Off: Nothing to Disclose

RANDOMIZED CONTROL TRIAL OF A SELF-MANAGEMENT ADHERENCE INTERVENTION FOR PREVENTIVE SWALLOWING EXERCISES IN LATE-STAGE HEAD AND NECK CANCER.
Shinn, Eileen1; Garden, Adam S.2; Lewin, Jan S.3; Alvarez, Clare P.3; Barringer, Denise3; Hutcheson, Katherine A.3; Basen-Engquist, Karen1; Li, Liang4
1. Behavioral Science, The University of Texas, MD Anderson Cancer Center, Houston, TX, United States
2. Radiation Oncology, University of Texas M. D. Anderson Cancer Center, Houston, TX, United States
3. Head and Neck Surgery, UT MD Anderson Cancer Center, Houston, TX, United States
4. Biostatistics, UT MD Anderson Cancer Center, Houston, TX, United States

RELEVANT FINANCIAL RELATIONSHIPS: Eileen Shinn: Nothing to Disclose | Adam Garden: Nothing to Disclose | Jan Lewin: Nothing to Disclose | Clare Alvarez: Nothing to Disclose | Denise Barringer: Nothing to Disclose | Katherine Hutcheson: Nothing to Disclose | Karen Basen-Engquist: Nothing to Disclose | Liang Li: Nothing to Disclose


RELATIONSHIP BETWEEN PATIENT- AND CLINICIAN-RATINGS OF SWALLOWING FUNCTION IN INDIVIDUALS WITH HEAD AND NECK CANCER (HNC)
LONGITUDINAL CHANGES IN THE SWALLOW STATUS OF HEAD AND NECK CANCER PATIENTS TREATED WITH SYSTEMIC THERAPY AND RADIOTHERAPY (RT): RESULTS OF A SWALLOWING SUBSTUDY OF NCIC CTG HN.6 (NCT00820248)

Martino, Rosemary1,2,3,4; Parulekar, Wendy6; Shaw, Stephanie1; Greco, Elissa1; Barker, Jennifer1; Nault, Colette5; John, Waldron6; Siu, Lilian2; Montenegro-Suris, Alexander3; O'Sullivan, Brian6; Chen, Bingshu6; Ringash, Jolie6

1. Department of Speech Language Pathology, University Health Network, Toronto, ON, Canada
2. Toronto Western Research Institute, University Health Network, Toronto, ON, Canada
3. Rehabilitation Sciences Institute, University of Toronto, Toronto, ON, Canada
4. Department of Otolaryngology - Head and Neck Surgery, University of Toronto, Toronto, ON, Canada
5. Department of Speech Language Pathology, The Ottawa Hospital – General Campus, Ottawa, ON, Canada
6. Department of Radiation Oncology, Princess Margaret Cancer Centre, Toronto, ON, Canada
7. Department of Medical Oncology, Princess Margaret Cancer Centre, Toronto, ON, Canada
8. NCIC Clinical Trials Group, Queens University, Kingston, ON, Canada

RELEVANT FINANCIAL RELATIONSHIPS : Rosemary Martino: Has affiliations to disclose; Amgen Inc

(NCT00820248): Other Financial or Material Support: Other Activities | Wendy Parulekar: Has affiliations to disclose; Amgen Inc
(NCT00820248): Other Financial or Material Support: Other Activities | Stephanie Shaw: Has affiliations to disclose; Amgen Inc
(NCT00820248): Other Financial or Material Support: Other Activities | Elissa Greco: Has affiliations to disclose; Amgen Inc
(NCT00820248): Other Financial or Material Support: Other Activities | Jennifer Barker: Has affiliations to disclose; Amgen Inc
(NCT00820248): Other Financial or Material Support: Other Activities | Colette Nault: Has affiliations to disclose; Amgen Inc
(NCT00820248): Other Financial or Material Support: Other Activities | John Waldron: Has affiliations to disclose; Amgen Inc
(NCT00820248): Other Financial or Material Support: Other Activities | Lilian Siu: Has affiliations to disclose; Amgen Inc
(NCT00820248): Other Financial or Material Support: Other Activities | Alexander Montenegro-Suris: Has affiliations to disclose; Amgen Inc
(NCT00820248): Other Financial or Material Support: Other Activities | Brian O'Sullivan: Has affiliations to disclose; Amgen Inc
(NCT00820248): Other Financial or Material Support: Other Activities | Bingshu Chen: Has affiliations to disclose; Amgen Inc
(NCT00820248): Other Financial or Material Support: Other Activities | Jolie Ringash: Has affiliations to disclose; Amgen Inc
(NCT00820248): Other Financial or Material Support: Other Activities


EFFICACY OF PROPHYLACTIC SWALLOW INTERVENTIONS FOR HEAD AND NECK CANCER PATIENTS: A RANDOMIZED CONTROLLED TRIAL

Messing, Barbara P.;1, 2, Ward, Elizabeth3, 4; Lazarus, Cathy4, 5; Kim, Melissa1; 6; Gold, Dorothy1; 7; Ulmer, Karen1; 8; Harrer, Karen B.1; 9; Merritt, Samantha J.1; 10

1. GBMC, Baltimore, MD, United States
2. School of Health and Rehabilitation Sciences, University of Queensland, Brisbane, Queensland, Australia
3. Research, Centre for Functioning & Health Research (CFAHR), Buranda, Queensland, Australia
4. Department of Otolaryngology, Icahn School of Medicine at Mount Sinai, New York, NY, United States
5. Department of Otolaryngology Head & Neck Surgery, Thyroid Head and Neck Research Center, New York, NY, United States

DYNAMIC IMAGING GRADE OF SWALLOWING TOXICITY (DIGEST): SCALE DEVELOPMENT AND VALIDATION
Hutcheson, Katherine A.1; Barringer, Denise1; Knott, Jodi K.1; Lin, Heather1; Weber, Randal S.1; Fuller, Clifton D.1; Lazarus, Cathy3; May, Annette H.4; Patterson, Joanne M.5; Roe, Justin W.6; Starmer, Heather M.2; Lewin, Jan S.1
1. The University of Texas MD Anderson Cancer Center, Houston, TX, United States
2. Stanford University School of Medicine, Stanford, CA, United States
3. Mt. Sinai Beth Israel Medical Center, New York, NY, United States
4. University of Florida Health Cancer Center - Orlando Health, Orlando, FL, United States
5. Sunderland Royal Hospital, Sunderland, United Kingdom
6. Royal Marsden Hospital, London, United Kingdom

RELEVANT FINANCIAL RELATIONSHIPS: Katherine Hutcheson: Nothing to Disclose | Denise Barringer: Nothing to Disclose | Jodi Knott: Nothing to Disclose | Heather Lin: Nothing to Disclose | Randal Weber: Nothing to Disclose | Clifton Fuller: Nothing to Disclose | Cathy Lazarus: Nothing to Disclose | Annette May: Nothing to Disclose | Joanne Patterson: Nothing to Disclose | Justin Roe: Nothing to Disclose | Heather Starmer: Nothing to Disclose | Jan Lewin: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Katherine Hutcheson: Nothing to Disclose | Denise Barringer: Nothing to Disclose | Jodi Knott: Nothing to Disclose | Heather Lin: Nothing to Disclose | Randal Weber: Nothing to Disclose | Clifton Fuller: Nothing to Disclose | Cathy Lazarus: Nothing to Disclose | Annette May: Nothing to Disclose | Joanne Patterson: Nothing to Disclose | Justin Roe: Nothing to Disclose | Heather Starmer: Nothing to Disclose | Jan Lewin: Nothing to Disclose

VIDEOFLUOROSCOPY DOES NOT ACCURATELY DIAGNOSE UPPER ESOPHAGEAL STRicture
Maclean, Julia 1; Szczesniak, Michal1,2; O'Hare, Jolyne1; Humbert, Ianessa A.4; Vose, Alicia5; Wu, Peter1; Graham, Peter1; Quon, Harry3; Cook, Ian1,2
1. St George Hospital, Sydney, New South Wales, Australia
2. University of NSW, Sydney, New South Wales, Australia
3. Department of Radiation Oncology and Molecular Radiation Sciences, Johns Hopkins University, Baltimore, MD, United States
4. Department of Speech, Language and Hearing Sciences, University of Florida, Gainesville, FL, United States
5. Department of Public Health and Health Professions, University of Florida, Gainesville, FL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Julia Maclean: Nothing to Disclose | Michal Szczesniak: Has affiliations to disclose; NHMRC: Salary/Stipend: Employment | Jolyne O'Hare: Nothing to Disclose | Ianessa Humbert: Nothing to Disclose | Alicia Vose: Has affiliations to disclose; Department of Public Health and Health Professions, University of Florida: Salary/Stipend: Employment | Peter Wu: Nothing to Disclose | Peter Graham: Nothing to Disclose | Harry Quon: Nothing to Disclose | Ian Cook: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Julia Maclean: Nothing to Disclose | Michal Szczesniak: Nothing to Disclose | Jolyne O'Hare: Nothing to Disclose | Ianessa Humbert: Nothing to Disclose | Alicia Vose: Nothing to Disclose | Peter Wu: Nothing to Disclose | Peter Graham: Nothing to Disclose | Harry Quon: Nothing to Disclose | Ian Cook: Nothing to Disclose

THE EFFECT OF TOPICAL NASAL ANESTHETIC ON TOLERABILITY AND PHARYNGEAL PRESSURE IN HEALTHY ADULTS: A DOUBLE-BLIND, RANDOMIZED STUDY
Lamvik, Kristin M.1,2; Apperley, Olivia3; Huckabee, Maggie-Lee1,2
1. University of Canterbury Rose Centre for Stroke Recovery and Research, Christchurch, New Zealand
2. Department of Communication Disorders, University of Canterbury, Christchurch, New Zealand
3. Oral Health Centre, Christchurch, New Zealand
THE EFFECTS OF ESOPHAGEAL MECHANICAL STIMULATIONS ON EVOKING SWALLOWING REFLEX IN HEALTHY YOUNG INDIVIDUALS.
Taniguchi, Hiroshige1; Nakagawa, Kazuharu1; Matsuo, Koichiro1
1. Department of Dentistry, School of Medicine, Fujita Health University, Toyoake, Aichi, Japan

PRESSURE TOPOGRAPHY METRICS FOR HIGH-RESOLUTION PHARYNGEAL-ESOPHAGEAL MANOFLUOROGRAPHY - A NORMATIVE STUDY OF YOUNGER AND OLDER ADULTS
Nativ-Zeltzer, Nogah1; Logemann, Jeri A.1; Zecker, Steven2; Kahrilas, Peter J.2
1. Communication Sciences and Disorders, Northwestern University, Sunnyvale, CA, United States
2. Medicine, Northwestern University, Chicago, IL, United States

THE ROLE OF THE CORPUS CALLOSUM IN PEDIATRIC DYSPHAGIA: PRELIMINARY FINDINGS FROM A DIFFUSION TENSOR IMAGING (DTI) STUDY IN CHILDREN WITH CONGENITAL LEFT-HEMISPHERE LESIONS
Mourao, Lucia F.; Malandraki, Georgia A.; Kantarcigil, Cagla; Luchesi, Karen; Gordon, Andrew M.; Friel, Kathleen
1. Speech, Language Hearing Science, University of Campinas, West Lafayette, IN, United States
2. Speech, Language, Hearing Sciences, Purdue University, West Lafayette, IN, United States
3. Behavioral Sciences, Columbia University, New York, NY, United States
RELEVANT FINANCIAL RELATIONSHIPS: Lucia Mourao: Nothing to Disclose | Georgia Malandraki: Nothing to Disclose | Cagla Kantarcigil: Nothing to Disclose | Karen Luchesi: Nothing to Disclose | Andrew Gordon: Nothing to Disclose | Kathleen Friel: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Lucia Mourao: Nothing to Disclose | Georgia Malandraki: Nothing to Disclose | Cagla Kantarcigil: Nothing to Disclose | Karen Luchesi: Nothing to Disclose | Andrew Gordon: Nothing to Disclose | Kathleen Friel: Nothing to Disclose

SALIVA SWALLOWING FREQUENCY MEASURED USING 24-HOURS AMBULATORY IMPEDANCE-PH MONITORING IN PATIENTS WITH PARKINSON'S DISEASE AND DROOLING

Scholten, Saskia1; Hopman, Wim2; Kalf, Hanneke3
1. Department of Speech Therapy, Rivierenland General Hospital, Tiel, Netherlands
2. Department of Gastroenterology and Hepatology, Radboud University Medical Centre, Nijmegen, Netherlands
3. Department of Rehabilitation, Radboud University Medical Centre, Nijmegen, Netherlands

RELEVANT FINANCIAL RELATIONSHIPS: Saskia Scholten: Has affiliations to disclose; Rivierenland Hospital in Tiel: Salary/Stipend: Employment | Wim Hopman: Nothing to Disclose | Hanneke Kalf: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Saskia Scholten: Nothing to Disclose | Wim Hopman: Nothing to Disclose | Hanneke Kalf: Nothing to Disclose

VOLITIONAL UP-REGULATION OF REFLEX AND VOLUNTARY COUGH IN HEALTHY OLDER ADULTS AND PARKINSON'S DISEASE

Brandimore, Alexandra E.; Hegland, Karen; Troche, Michelle S.
1. Speech, Language, & Hearing Sciences, Teachers College, Columbia University, Gainesville, FL, United States
2. Speech, Language & Hearing Sciences, University of Florida, Gainesville, FL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Alexandra Brandimore: Nothing to Disclose | Karen Hegland: Nothing to Disclose | Michelle Troche: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Alexandra Brandimore: Nothing to Disclose | Karen Hegland: Nothing to Disclose | Michelle Troche: Nothing to Disclose

AIRWAY PROTECTION IN PARKINSON'S DISEASE IMPROVES AFTER INTENSIVE THERAPY

Hammer, Michael J.; Palm, Stephanie A.
1. University of Wisconsin, Madison, WI, United States

RELEVANT FINANCIAL RELATIONSHIPS: Michael Hammer: Nothing to Disclose | Stephanie Palm: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Michael Hammer: Nothing to Disclose | Stephanie Palm: Nothing to Disclose

BIOFEEDBACK-ASSISTED SWALLOWING SKILL TRAINING – CORRELATION BETWEEN CHANGES IN CORTICAL EXCITABILITY AND SWALLOWING ACCURACY

Caruana, Adam; Huckabee, Maggie-Lee; Bradnam, Lynley; Doeltgen, Sebastian
1. Speech Pathology, Flinders University, Adelaide, South Australia, Australia
2. Physiotherapy, University of Technology Sydney, Sydney, New South Wales, Australia
3. Rose Centre for Stroke Recovery and Research at St George’s Medical Centre, University of Canterbury, Christchurch, Canterbury, New Zealand

RELEVANT FINANCIAL RELATIONSHIPS: Adam Caruana: Nothing to Disclose | Maggie-Lee Huckabee: Has affiliations to disclose; University of Canterbury: Salary/Stipend: Employment | Lynley Bradnam: Has affiliations to disclose; University of Technology Sydney: Salary/Stipend: Employment | Sebastian Doeltgen: Has affiliations to disclose; Flinders University: Salary/Stipend: Employment

FMRI OUTCOMES AND SWALLOWING BEHAVIOR POST OROPHARYNGEAL STRENGTHENING IN DYSPHAGIC PATIENTS

Robbins, JoAnne1,2; Rogus-Pulia, Nicole1,2; Rusche, Nicole1; Nair, Veena A.; Vergun, Svyatoslav4,3; Prabhakaran, Vivek3
1. GRECC, Wm. S. Middleton Veteran's Memorial Hospital, Madison, WI, United States
2. Medicine, University of Wisconsin, Madison, WI, United States
3. Radiology, University of Wisconsin, Madison, WI, United States
4. Medical Physics, University of Wisconsin, Madison, WI, United States

RELEVANT FINANCIAL RELATIONSHIPS: JoAnne Robbins: Has affiliations to disclose; University of Wisconsin-Madison: Salary/Stipend: Employment

THE EFFECT OF TASTE ON SWALLOWING ELICITATION AND CORTICAL ACTIVITY USING FUNCTIONAL NEAR-INFRARED SPECTROSCOPY

Mulheren, Rachel1; Ludlow, Christy L.2
1. Johns Hopkins School of Medicine, Baltimore, MD, United States
2. James Madison University, Harrisonburg, VA, United States

RELEVANT FINANCIAL RELATIONSHIPS: Rachel Mulheren: Has affiliations to disclose; Johns Hopkins University School of Medicine, Johns Hopkins Hospital: Salary/Stipend: Employment | Christy Ludlow: Nothing to Disclose

EVALUATION OF PHARYNGEAL SWALLOWING DURING WAKE AND SLEEP: A HIGH-RESOLUTION MANOMETRY STUDY

Lamvik, Kristin M.; Guiu-Hernandez, Esther; Jones, Richard; Huckabee, Maggie-Lee
1. Department of Communication Disorders, University of Canterbury, Christchurch, New Zealand
2. The University of Canterbury Rose Centre for Stroke Recovery and Research, Christchurch, New Zealand
3. Department of Medical Physics & Bioengineering, Christchurch Hospital, Christchurch, New Zealand
4. New Zealand Brain Research Institute, Christchurch, New Zealand
5. Department of Medicine, University of Otago, Christchurch, New Zealand


MULTI-SITE OUTCOMES FROM THE SWALLOW STRONG CLINIC

Rogus-Pulia, Nicole1; Rusche, Nicole1; Zielinski, Jll; Safdar, Nasia; Gangnon, Ronald; Hind, Jacqueline; Robbins, JoAnne
1. Geriatric Research Education and Clinical Center (GRECC), William S. Middleton Memorial Veterans Hospital, Madison, WI, United States
2. Biostatistics and Medical Informatics, University of Wisconsin-Madison, Madison, WI, United States
3. Infectious Disease, William S. Middleton Memorial Veterans Hospital, Madison, WI, United States
4. Speech Pathology, William S. Middleton Memorial Veterans Hospital, Madison, WI, United States
EFFECTS OF PAPAYA ENZYMES ON DYSPHAGIA AND THE ACTIVATION OF SALIVARY GLANDS TO INCREASE SALIVA PRODUCTION.
Rowe, Martha j.1; Mitchell, Ian1; Smith , Greg1; Davis, Natalie1; Smith, Dan1; Clements, Kevin1; Darren, Rowe1

THE CHANGES IN ORAL BACTERIA AMOUNTS DURING ORAL CARE IN CRITICALLY ILL PATIENTS WITH ENDOTRACHEAL INTUBATION AND AFTER EXTUBATION
Matsuo, Koichiro1; Muramatsu, Keita2; watanabe, risa2; Hara, Yoshitaka3; Shimomura, Yasuyo3; Yamashita, Chizuru3; Nishida, Osamu3; Kawai, Yusuke2; Amano, Kousuke2; Yamamoto, Tsukasa2
1. Department of Dentistry, School of Medicine, Fujita Health University, Toyoake, Aichi, Japan
2. Fujita Health University Hospital, Toyoake, Aichi, Japan
3. Department of Anesthesiology and Critical Care Medicine, School of Medicine, Fujita Health University, Toyoake, Aichi, Japan

EFFECTS OF TASTE MANIPULATION ON SWALLOW FUNCTION IN SENSORY-BASED DYSPHAGIA
Dietsch, Angela M.1,2,3; Dorris, Hugh D.4; Pearson, William G.4; Dietrich-Burns, Katie2,3; Solomon, Nancy P.2
1. Special Education and Communication Disorders, University of Nebraska, Lincoln, NE, United States
2. Audiology & Speech Pathology Center, Walter Reed National Military Medical Center, Bethesda, MD, United States
3. Henry M. Jackson Foundation for the Advancement of Military Medicine, Bethesda, MD, United States
4. Cellular Biology & Anatomy, Georgia Regents University/Medical College of Georgia, Augusta, GA, United States

RELEVANT NON-FINANCIAL RELATIONSHIPS: Nicole Rogus-Pulia: Has a Non-Financial Disclosure Affiliation ;Dysphagia Research Society:Professional:Membership | Nicole Rusche: Nothing to Disclose | Jill Zielinski: Nothing to Disclose | JoAnne Robbins: Has affiliations to disclose;University of Wisconsin:Salary/Stipend:Employment | Jacqueline Hind: Has affiliations to disclose;University of Wisconsin:Salary/Stipend:Employment;Swallow Solutions:Salary/Stipend:Employment;Department of Veterans Affairs:Salary/Stipend:Employment;Swallow Solutions:Ownership interest(e.g.,stocks, stock options or other ownership interest excluding diversified mutual funds):Board membership


RELEVANT NON-FINANCIAL RELATIONSHIPS: Martha Rowe: Nothing to Disclose | Ian Mitchell: Nothing to Disclose | Greg Smith : Nothing to Disclose | Natalie Davis: Nothing to Disclose | Dan Smith: Nothing to Disclose | Kevin Clements: Nothing to Disclose | Rowe Darren: Nothing to Disclose

RELEVANT FINANCIAL RELATIONSHIPS: Koichiro Matsuo: Has affiliations to disclose;Wakodo Co., Ltd. :Contracted Research:Management position | Keita Muramatsu: Nothing to Disclose | risa watanabe: Nothing to Disclose | Yoshitaka Hara: Nothing to Disclose | Yasuyo Shimomura: Nothing to Disclose | Chizuru Yamashita: Nothing to Disclose | Osamu Nishida: Nothing to Disclose | Yusuke Kawai: Nothing to Disclose | Kousuke Amano: Nothing to Disclose | Tsukasa Yamamoto: Nothing to Disclose


RELEVANT FINANCIAL RELATIONSHIPS: Angela Dietsch: Has affiliations to disclose;University of Nebraska-Lincoln:Salary/Stipend:Employment;Henry M. Jackson Foundation for the Advancement of Military Medicine:Salary/Stipend:Employment | Hugh Dorris: Has affiliations to disclose;Georgia Regents University/Medical College of Georgia:Salary/Stipend:Employment | William Pearson: Has affiliations to disclose;Georgia Regents University/Medical College of Georgia:Salary/Stipend:Employment | Katie Dietrich-Burns: Has affiliations to disclose;Henry M. Jackson Foundation for the
THE NOVEL “SHAKER RESISTANCE EXERCISE DEVICE” (SHRED): EFFECT ON PHARYNGEAL DEGLUTITVE PRESSURE PHENOMENA

Kern, Mark1; Balasubramanian, Gokulakrishnan1; Mei, Ling1; Sanvanson, Patrick P.1; Shaker, Reza1
1. Gastroenterology & Hepatology, Medical College of Wisconsin, Milwaukee, WI, United States

RATE OF EXERCISE PREDICTS VIDEOFLUOROSCOPIC OUTCOMES IN INPATIENT SWALLOWING REHABILITATION

Pitts, Laura1,2; Ruzicka, Rene2; Doyle, Anne Marie2; Cherney, Leora2
1. Communication Sciences and Disorders, University of Northern Iowa, Cedar Falls, IA, United States
2. Rehabilitation Institute of Chicago, Chicago, IL, United States

THE INFLUENCE OF AGE, GENDER, LOCATION, VOLUME, EFFORT AND CONSISTENCY ON PERCENTAGE OF MAXIMAL LINGUAL SWALLOWING PRESSURES (PPS) IN HEALTHY BELGIAN ADULTS

Vanderwegen, Jan2,1; Van Nuffelen, Gwen1; Guns, Cindy3; Elen, Rik2
1. ENT, UMC Saint Pierre, Brussels, Brussel, Belgium
2. Speech Pathology, Thomas More, Antwerpen, Antwerpen, Belgium
3. ENT, Antwerp University Hospital, Antwerpen, Antwerpen, Belgium

REFERENCE VALUES FOR TIMING AND KINEMATIC MEASURES OF FUNCTIONAL SWALLOWING BY CONSISTENCY.

Steele, Catriona M.1; Peladeau-Pigeon, Melanie1; Waito, Ashley A.1; Wolkin, Talia S.1
1. Swallowing Rehabilitation Research Laboratory, Toronto Rehabilitation Institute - University Health Network, Toronto, ON, Canada
POST-EXTUBATION DYSPHAGIA: DOES TIMING OF EVALUATION MATTER?

Marvin, Stevie¹; Thibeault, Susan¹; Ehlenbach, William²

1. Voice & Swallow Clinic, University of Wisconsin, Madison, WI, United States
2. Medicine, University Wisconsin Hospital and Clinics, Madison, WI, United States

RELEVANT FINANCIAL RELATIONSHIPS: Stevie Marvin: Has affiliations to disclose; University of Wisconsin: Salary/Stipend: Employment | Susan Thibeault: Has affiliations to disclose; University of Wisconsin: Salary/Stipend: Employment | William Ehlenbach: Has affiliations to disclose; University of Wisconsin: Salary/Stipend: Employment

RELEVANT NON-FINANCIAL RELATIONSHIPS: Stevie Marvin: Nothing to Disclose | Susan Thibeault: Nothing to Disclose | William Ehlenbach: Nothing to Disclose

DYSPHAGIA SEVERITY: ASSESSING THE PREDICTIVE CAPACITY OF MBSIMP COMPONENT SCORES

Hill, Elizabeth G.¹,²,⁵; Martin-Harris, Bonnie²,³; Armeson, Kent¹,²,⁵; Garand, Kendrea L.²,³; Hazelwood, R. Jordan⁴; Blair, Julie²,³

1. Public Health Sciences, Medical University of South Carolina, Charleston, SC, United States
2. Otolaryngology-Head and Neck Surgery, Medical University of South Carolina, Charleston, SC, United States
3. R. H. Johnson VA Medical Center, Charleston, SC, United States
4. College of Health Professions, Charleston, SC, United States
5. Hollings Cancer Center, Charleston, SC, United States

RELEVANT FINANCIAL RELATIONSHIPS: Elizabeth Hill: Has affiliations to disclose; Medical University of South Carolina: Salary/Stipend: Employment; NIH: Grant: Employment | Bonnie Martin-Harris: Has affiliations to disclose; Ralph H. Johnson VAMC: Grant: Employment; Medical University of South Carolina: Salary/Stipend: Employment; NIH: Grant: Independent contractor (Including contracted research); Bracco Diagnostics: Grant: Independent contractor (Including contracted research); Mark and Evelyn Trammell Trust: Grant: Other Activities; Given Imaging: Other Financial or Material Support; Other Activities; Northern Speech Services: Royalty: Teaching and speaking | Kent Armeson: Nothing to disclose; Medical University of South Carolina: Salary/Stipend: Employment | Kendrea Garand: Has affiliations to disclose; Ralph H. Johnson VAMC: Grant: Employment; Medical University of South Carolina: Salary/Stipend: Employment | MUHA: Salary/Stipend: Employment | R. Jordan Hazelwood: Has affiliations to disclose; Medical University of South Carolina: Grant: Other Activities; MUHA: Salary/Stipend: Employment | Julie Blair: Has affiliations to disclose; Ralph H. Johnson VAMC: Grant: Other Activities; MUHA: Salary/Stipend: Employment

RELEVANT NON-FINANCIAL RELATIONSHIPS: Elizabeth Hill: Nothing to Disclose | Bonnie Martin-Harris: Has a Non-Financial Disclosure Affiliation; DRS: Professional: Membership; Dysphagia Journal: Professional: Other volunteer activities; DRS: Professional: Volunteer membership on advisory committee or review panels; ASHA: Professional: Membership; ASHA: Professional: Membership on advisory committee or review panels | Kent Armeson: Nothing to Disclose | Kendrea Garand: Has a Non-Financial Disclosure Affiliation

SWALLOWING MECHANICS UNDERLYING RESPIRATORY-SWALLOW TRAINING DIFFER BY SUBJECT

Pearson, William G.; Dorris, Hugh D.; Tran, Thi T.; Blair, Julie; Martin-Harris, Bonnie

1. Cellular Biology and Anatomy; Otolaryngology, Georgia Regents University, Augusta, GA, United States
2. Medical College of Georgia, Augusta, GA, United States
3. Otolaryngology Head & Neck Surgery, Medical University of South Carolina, Charleston, SC, United States

RELEVANT FINANCIAL RELATIONSHIPS: William Pearson: Has affiliations to disclose; GRU: Salary/Stipend: Employment | Hugh Dorris: Nothing to Disclose | Thi Tran: Nothing to Disclose | Julie Blair: Nothing to Disclose | Bonnie Martin-Harris: Has affiliations to disclose; Ralph H Johnson VAMC: Grant: Employment; Medical University of South Carolina: Salary/Stipend: Employment; NIH: Grant: Independent contractor (Including contracted research); Bracco Diagnostics: Grant: Independent contractor (Including contracted research); Mark and Evelyn Trammell Trust: Grant: Other
OROPHARYNGEAL SWALLOW PHYSIOLOGY AND SWALLOWING-RELATED QUALITY OF LIFE IN PATIENTS WITH ADVANCED, STABLE CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND CONCOMITANT CACHEXIA

Garand, Kendrea L.2,1,3; Strange, Charlton B.5; Paolelli, Luca3; McFarland, David6,7; Martin-Harris, Bonnie1,4

1. Otolaryngology-Head and Neck Surgery, Medical University of South Carolina, Charleston, SC, United States
2. Research, Ralph H Johnson VAMC, Charleston, SC, United States
3. Speech-Language Pathology, MUHA, Charleston, SC, United States
4. Surgery, Ralph H Johnson VAMC, Charleston, SC, United States
5. Pulmonary and Critical Care, MUSC, Charleston, SC, United States
6. Medicine, University of Montreal, Montreal, QC, Canada
7. Communication Sciences and Disorders, McGill University, Montreal, QC, Canada


EFFECTS OF TONGUE EXERCISE, ELECTRICAL STIMULATION, OR BOTH ON TONGUE MUSCLE CONTRACTILE PROPERTIES

Russell, John A.1; Connor, Nadine P.1,2

1. Otolaryngology Head and Neck Surgery, University of Wisconsin School of Medicine and Public Health, Madison, WI, United States
2. Department of Communication Sciences and Disorders, University of Wisconsin-Madison, Madison, WI, United States

RELEVANT FINANCIAL RELATIONSHIPS: John Russell: Nothing to Disclose | Nadine Connor: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: John Russell: Nothing to Disclose | Nadine Connor: Has a Non-Financial Disclosure Affiliation; Dysphagia Research Society: Professional: Membership

RECURRENT LARYNGEAL NERVE (RLN) LESIONS CAUSE CHANGES IN ORAL AND PHARYNGEAL EMG SIGNALS DURING SWALLOWING

Gould, Francois D.1; Ohlemacher, Jocelyn1; Thexon, Allan1; Ballester, Ashley1; Fraley, Luke1; Gross, Andrew1

1. neomed, Rootstown, OH, United States
RECURRENT LARYNGEAL NERVE LESION IMPACT ON LARYNGEAL VESTIBULAR CLOSURE
Gross, Andrew1; Gould, Francois D.1; Ohlemacher, Jocelyn1; Yglesias, Benjamin1; german, rz1
1. Anatomy and Neurobiology, NEOMED, Rootstown, OH, United States

RELEVANT FINANCIAL RELATIONSHIPS: Andrew Gross: Has affiliations to disclose; NIH: Grant: Other Activities | Francois Gould: Nothing to Disclose | Jocelyn Ohlemacher: Nothing to Disclose | Benjamin Yglesias: Nothing to Disclose | rz german: Nothing to Disclose


THE EFFECT OF NEUROMUSCULAR ELECTRICAL STIMULATION DOSE ON TONGUE MUSCLES
Kletzien, Heidi1,2; Russell, John A.1; Leuver, Glen1; Connor, Nadine P.1,2,3
1. Surgery, Division of Otolaryngology Head and Neck Surgery, University of Wisconsin-Madison, Madison, WI, United States
2. Biomedical Engineering, University of Wisconsin-Madison, Madison, WI, United States
3. Communication Sciences and Disorders, University of Wisconsin-Madison, Madison, WI, United States

RELEVANT FINANCIAL RELATIONSHIPS: Heidi Kletzien: Nothing to Disclose | John Russell: Nothing to Disclose | Glen Leuver: Nothing to Disclose | Nadine Connor: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Heidi Kletzien: Nothing to Disclose | John Russell: Nothing to Disclose | Glen Leuver: Nothing to Disclose | Nadine Connor: Nothing to Disclose

A SURGICAL MOUSE MODEL OF IATROGENIC LARYNGEAL NERVE INJURY
Newberry, Christopher I.1; Lever, Teresa2; Allen, Jakob1; Thiessen, Aaron2; Hopewell, Bridget2
1. School of Medicine, University of Missouri School of Medicine, Columbia, MO, United States
2. Otolaryngology, University of Missouri, Columbia, MO, United States

RELEVANT FINANCIAL RELATIONSHIPS: Christopher Newberry: Nothing to Disclose | Teresa Lever: Nothing to Disclose | Jakob Allen: Nothing to Disclose | Aaron Thiessen: Nothing to Disclose | Bridget Hopewell: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Christopher Newberry: Nothing to Disclose | Teresa Lever: Nothing to Disclose | Jakob Allen: Nothing to Disclose | Aaron Thiessen: Nothing to Disclose | Bridget Hopewell: Nothing to Disclose

HIGH RESOLUTION MANOMETRY AND FEES SWALLOW OUTCOMES AFTER UNILATERAL VOCAL FOLD INJECTION MEDIALIZATION
Kammer, Rachael1,2; Jones, Corinne A.2; Johnson, Aaron M.3; Dailey, Seth H.2; McCulloch, Timothy2; Thibeault, Susan2
1. Massachusetts General Hospital, Boston, MA, United States
2. University of Wisconsin, Madison, WI, United States
3. University of Illinois at Urbana-Champaign, Urbana-Champaign, IL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Rachael Kammer: Nothing to Disclose | Corinne Jones: Has affiliations to disclose; NIH: Grant: Employment | Aaron Johnson: Nothing to Disclose | Seth Dailey: Nothing to Disclose | Timothy McCulloch: Has affiliations to disclose; NIH: Grant: Employment | Susan Thibeault: Has affiliations to disclose; NIH: Grant: Employment

ADAPTING ENDOSCOPIC EVALUATION OF SWALLOWING FOR USE WITH MICE
Rovnak, Abigail M.1,2; Haney, Megan3; Deninger, Ian4; Hopewell, Bridget5; Lever, Teresa5
1. Otolaryngology, University of Missouri, Boston, MA, United States
2. Simmons College, Boston, MA, United States
3. Comparative Medicine, University of Missouri, Columbia, MO, United States
4. Communication Science & Disorders, University of Missouri, Columbia, MO, United States
5. Otolaryngology Head & Neck Surgery, University of Missouri, Columbia, MO, United States

RELEVANT FINANCIAL RELATIONSHIPS: Abigail Rovnak: Nothing to Disclose | Megan Haney: Nothing to Disclose | Ian Deninger: Nothing to Disclose | Bridget Hopewell: Nothing to Disclose | Teresa Lever: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Abigail Rovnak: Nothing to Disclose | Megan Haney: Nothing to Disclose | Ian Deninger: Nothing to Disclose | Bridget Hopewell: Nothing to Disclose | Teresa Lever: Has a Non-Financial Disclosure Affiliation;University of Missouri:Professional:Membership

DEVELOPMENT OF RESEARCH AND EDUCATIONAL TOOLS FOR BIOMECHANICS OF SWALLOWING PRODUCED BY THE FOUR-DIMENSIONAL COMPUTER-SIMULATOR
Kamiya, Tetsu1; Toyama, Yoshio1; Wada, Tetsuya1; Takai, Megumi1; Hanyu, Keigo1; Jinno, Nobuko1; Kikuchi, Takahiro2; Michiwaki, Yukihiro2
1. R&D division, Meiji Co., Ltd., Odawara, Kanagawa, Japan
2. Oral Surgery Division, Japanese Red Cross Musashino Hospital, Musashino, Tokyo, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Tetsu Kamiya: Has affiliations to disclose; Meiji Co., Ltd: Salary/Stipend: Employment | Yoshio Toyama: Nothing to Disclose | Tetsuya Wada: Nothing to Disclose | Megumi Takai: Nothing to Disclose | Keigo Hanyu: Nothing to Disclose | Nobuko Jinno: Nothing to Disclose | Takahiro Kikuchi: Nothing to Disclose | Yukihiro Michiwaki: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Tetsu Kamiya: Nothing to Disclose | Yoshio Toyama: Nothing to Disclose | Tetsuya Wada: Nothing to Disclose | Megumi Takai: Nothing to Disclose | Keigo Hanyu: Nothing to Disclose | Nobuko Jinno: Nothing to Disclose | Takahiro Kikuchi: Nothing to Disclose | Yukihiro Michiwaki: Nothing to Disclose

PHARYNGEAL RESIDUE AFTER SWALLOW; DOES AREA MEASUREMENT PREDICT THREE DIMENSIONAL VOLUME?
ANALYSIS USING 3D DYNAMIC COMPUTED TOMOGRAPHY
Inamoto, Yoko1,3; Odonkor, Charles A.2; Itoh, Yuriko1; Saiito, Eiichi1; Palmer, Jeffrey B.2; Aoyagi, Yoichiro3
1. Faculty of Rehabilitation, Fujita Health University, Toyoyako, Aichi, Japan
2. Department of Physical Medicine & Rehabilitation, Johns Hopkins University, Baltimore, MD, United States
3. Department of Rehabilitation Medicine I, Fujita Health University, Toyoake, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Yoko Inamoto: Has affiliations to disclose; Toshiba Medical: Contracted Research:Independent contractor (Including contracted research); Ziosoft Inc: Contracted Research:Independent contractor (Including contracted research) | Charles Odonkor: Nothing to Disclose | Yuriko Itoh: Nothing to Disclose | Eiichi Saiito: Nothing to Disclose | Jeffrey Palmer: Nothing to Disclose | Yoichiro Aoyagi: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Yoko Inamoto: Nothing to Disclose | Charles Odonkor: Nothing to Disclose | Yuriko Itoh: Nothing to Disclose | Eiichi Saiito: Nothing to Disclose | Jeffrey Palmer: Nothing to Disclose | Yoichiro Aoyagi: Nothing to Disclose

EFFECTS OF MENTHOL ON SWALLOWING FUNCTION IN A MOUSE MODEL OF PRESBYPHAGIA
Littrell, Loren L.1; Deninger, Ian1; Caywood, Victoria2; Flynn, Kaitlin1; Mok, Alexis1; Lever, Teresa3
1. Department of Communication Science and Disorders, University of Missouri, Columbia, MO, United States
2. Department of Nutritional Sciences, University of Missouri, Columbia, MO, United States
3. Otolaryngology - Head and Neck Surgery, University of Missouri, Columbia, MO, United States

RELEVANT FINANCIAL RELATIONSHIPS: Loren Littrell: Nothing to Disclose | Ian Deninger: Nothing to Disclose | Victoria Caywood: Nothing to Disclose | Kaitlin Flynn: Nothing to Disclose | Alexis Mok: Nothing to Disclose | Teresa Lever: Has affiliations to disclose;University of Missouri:Salary/Stipend:Employment

RELEVANT NON-FINANCIAL RELATIONSHIPS: Loren Littrell: Nothing to Disclose | Ian Deninger: Nothing to Disclose | Victoria Caywood: Nothing to Disclose | Kaitlin Flynn: Nothing to Disclose | Alexis Mok: Nothing to Disclose | Teresa Lever: Has a Non-Financial Disclosure Affiliation;DRS:Professional:Membership
USING A PATIENT-SPECIFIC 4D COMPUTER SIMULATION TO VISUALIZE THE EFFECTS OF POSTURE CHANGE IN THE ELIMINATION OF ASPIRATION
Michiwaki, Yukihiro1; Kikuchi, Takahiro1; Kamiya, Tetsu2; Toyama, Yoshio3; Wada, Tetsuya3; Jinno, Nobuko2; Takai, Megumi2; Hanyu, Keigo2
1. Oral Surgery Division, Japanese Red Cross Musashino Hospital, Musashino, Tokyo, Japan
2. R&D Division, Meiji Co., Ltd., Odawara, Kanagawa, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Yukihiro Michiwaki: Nothing to Disclose | Takahiro Kikuchi: Nothing to Disclose | Tetsu Kamiya: Nothing to Disclose | Yoshio Toyama: Nothing to Disclose | Tetsuya Wada: Nothing to Disclose | Nobuko Jinno: Nothing to Disclose | Megumi Takai: Nothing to Disclose | Keigo Hanyu: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Yukihiro Michiwaki: Nothing to Disclose | Takahiro Kikuchi: Nothing to Disclose | Tetsu Kamiya: Nothing to Disclose | Yoshio Toyama: Nothing to Disclose | Tetsuya Wada: Nothing to Disclose | Nobuko Jinno: Nothing to Disclose | Megumi Takai: Nothing to Disclose | Keigo Hanyu: Nothing to Disclose

THE IMPORTANCE OF INFRAHYOID MUSCLES AS REVEALED BY MULTI-STUDIES ANALYSES
Ryu, Ju-Seok1
1. Department of Rehabilitation Medicine, Seoul National University Bundang Hospital, Seongnam-si, Gyeonggi-do, Korea (the Republic of)

RELEVANT FINANCIAL RELATIONSHIPS: Ju-Seok Ryu: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Ju-Seok Ryu: Nothing to Disclose
DYSPHAGIA RESEARCH SOCIETY
ANNUAL MEETING
FEBRUARY 25 - 27, 2016
THE WESTIN LA PALOMA RESORT & SPA
TUCSON, ARIZONA

SCIENTIFIC POSTER DISCLOSURES
#1

POST-OPERATIVE MANAGEMENT OF SWALLOWING FOLLOWING TRANSORAL ROBOTIC SURGERY

Anthony, Keely1; Jordan, Jessica1; Albergotti, William G.2; Johnson, Jonas2; Wasserman-Wincko, Tamara1; Duvvuri, Umamaheswar2

1. Department of Otolaryngology-Division of Speech-Language Pathology, University of Pittsburgh Medical Center, Pittsburgh, PA, United States
2. Department of Otolaryngology, University of Pittsburgh Medical Center, Pittsburgh, PA, United States

RELEVANT FINANCIAL RELATIONSHIPS: Keely Anthony: Has affiliations to disclose; the University of Pittsburgh Medical Center: Salary/Stipend: Employment | Jessica Jordan: Nothing to Disclose | William Albergotti: Nothing to Disclose | Jonas Johnson: Nothing to Disclose | Tamara Wasserman-Wincko: Nothing to Disclose | Umamaheswar Duvvuri: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Keely Anthony: Nothing to Disclose | Jessica Jordan: Nothing to Disclose | William Albergotti: Nothing to Disclose | Jonas Johnson: Has a Non-Financial Disclosure Affiliation | University of Pittsburgh Medical Center-Department of Otolaryngology: Professional: Membership | Tamara Wasserman-Wincko: Nothing to Disclose | Umamaheswar Duvvuri: Nothing to Disclose

#2

PHYSIOLOGICAL CHARACTERISTICS OF EFFORTFUL, SUPRAGLOTTIC SWALLOW, AND MENDELSOHN MANEUVER EVALUATED BY HIGH-RESOLUTION MANOMETRY

Aoyagi, Yoichiro1; Aihara, Keiko3; Inamoto, Yoko2; Imaeda, Sayuri3; Shibata, Seiko1; Kagaya, Hitoshi1; Saitoh, Eiichi1

1. Department of Rehabilitation Medicine, School of Medicine, Fujita Health University, Toyoake, Aichi, Japan
2. Faculty of Rehabilitation, Fujita Health University, Toyoake, Japan
3. Faculty of Rehabilitation, Fujita Health University Hospital, Toyoake, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Yoichiro Aoyagi: Nothing to Disclose | Keiko Aihara: Nothing to Disclose | Yoko Inamoto: Nothing to Disclose | Sayuri Imaeda: Nothing to Disclose | Seiko Shibata: Nothing to Disclose | Hitoshi Kagaya: Nothing to Disclose | Eiichi Saitoh: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Yoichiro Aoyagi: Nothing to Disclose | Keiko Aihara: Nothing to Disclose | Yoko Inamoto: Nothing to Disclose | Sayuri Imaeda: Nothing to Disclose | Seiko Shibata: Nothing to Disclose | Hitoshi Kagaya: Nothing to Disclose | Eiichi Saitoh: Nothing to Disclose

#3

CAN FEEDBACK ENHANCE OR HINDER TRAINING A SWALLOWING MANEUVER?

Azola, Alba M.1; Sunday, Kirstyn2; Gonzalez-Fernandez, Marlis1; Humbert, Ianessa A.2

1. Physical Medicine and Rehabilitation, Johns Hopkins, Lutherville, MD, United States
2. Speech, Language, and Hearing Sciences, University of Florida, Gainsville, FL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Alba Azola: Nothing to Disclose | Kirstyn Sunday: Nothing to Disclose | Marlis Gonzalez-Fernandez: Nothing to Disclose | Ianessa Humbert: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Alba Azola: Nothing to Disclose | Kirstyn Sunday: Nothing to Disclose | Marlis Gonzalez-Fernandez: Nothing to Disclose | Ianessa Humbert: Nothing to Disclose

#4

INCREASING KNOWLEDGE AND SKILLS OF NURSING ASSISTANT STUDENTS.

Bales, Christy L.2,1

1. Carolina Therapy Services, Winston Salem, NC, United States
2. Abraham S. Fischler College of Education, Nova Southeastern University, Ft. Lauderdale, FL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Christy Bales: Has affiliations to disclose; Carolina Therapy Services: Salary/Stipend: Employment

RELEVANT NON-FINANCIAL RELATIONSHIPS: Christy Bales: Has a Non-Financial Disclosure Affiliation; ASHA: Professional: Membership

#5

BEDSIDE SWALLOWING PREDICTORS OF THE “FATIGUE EFFECT” IN ADULTS WITH ACUTE STROKE: VIDEOFLUOROSCOPIC ANALYSIS

Baylow, Hope E.1

1. Speech-Language Pathology, Midwestern University, Glendale, AZ, United States
## #6

**PREDICTORS OF OROPHARYNGEAL DYSPHAGIA IN THE ELDERLY AFFlicted BY STROKE AND WITHOUT NEUROLOGICAL DISEASES**

Mituuti, Claudia T.; Totta, Tatiane; Andrade, Eduardo; Berretin-Felix, Giedre

1. Department of Speech Language and Hearing Sciences, Federal University of Santa Catarina, Florianopolis, Santa Catarina, Brazil
2. Hospital for Rehabilitation of Craniofacial Anomalies, Bauru, Brazil
3. Department of Speech Language and Hearing Sciences, Bauru School of Dentistry - University of Sao Paulo, Bauru, Brazil

### RELEVANT FINANCIAL RELATIONSHIPS:
- Claudia Mituuti: Nothing to Disclose
- Tatiane Totta: Nothing to Disclose
- Eduardo Andrade: Nothing to Disclose
- Giedre Berretin-Felix: Has affiliations to disclose; University of São Paulo: Salary/Stipend: Employment

### RELEVANT NON-FINANCIAL RELATIONSHIPS:
- Claudia Mituuti: Nothing to Disclose
- Tatiane Totta: Nothing to Disclose
- Eduardo Andrade: Nothing to Disclose
- Giedre Berretin-Felix: Nothing to Disclose

## #7

**HOW AND WHEN TO BEGIN SAFE ORAL ALIMENTATION IN POST-EXTUBATION INTENSIVE CARE UNIT PATIENTS**

Leder, Steven B.; Warner, Heather; Suiter, Debra; Bhattacharya, Bishwajit; Rosenbaum, Stanley; Schuster, Kevin

1. Surgery-Otolaryngology, Yale School of Medicine, Cheshire, CT, United States
2. Communication Disorders, Southern Connecticut State University, New Haven, CT, United States
3. Voice & Swallow Clinic, University of Kentucky, Lexington, KY, United States
4. Yale School of Medicine Surgery, Trauma & Critical Care, New Haven, CT, United States

### RELEVANT FINANCIAL RELATIONSHIPS:
- Steven Leder: Has affiliations to disclose; Yale School of Medicine: Salary/Stipend: Employment
- Heather Warner: Nothing to Disclose
- Debra Suiter: Nothing to Disclose
- Bishwajit Bhattacharya: Nothing to Disclose
- Stanley Rosenbaum: Nothing to Disclose
- Kevin Schuster: Nothing to Disclose

### RELEVANT NON-FINANCIAL RELATIONSHIPS:
- Steven Leder: Nothing to Disclose
- Heather Warner: Nothing to Disclose
- Debra Suiter: Nothing to Disclose
- Bishwajit Bhattacharya: Nothing to Disclose
- Stanley Rosenbaum: Nothing to Disclose
- Kevin Schuster: Nothing to Disclose

## #8

**CERVICAL COLLAR DOES NOT INCREASE INCIDENCE OF PRANDIAL ASPIRATION RISK IN TRAUMA PATIENTS**

Bhattacharya, Bishwajit; Davis, Kim; Young, Nwanmegha; Leder, Steven B.

1. Surgery-Otolaryngology, Yale School of Medicine, Cheshire, CT, United States
2. Surgery, Trauma & Critical Care, Yale School of Medicine, New Haven, CT, United States

### RELEVANT FINANCIAL RELATIONSHIPS:
- Bishwajit Bhattacharya: Has affiliations to disclose; Yale School of Medicine: Salary/Stipend: Employment
- Kim Davis: Nothing to Disclose
- Nwanmegha Young: Nothing to Disclose
- Steven Leder: Nothing to Disclose

### RELEVANT NON-FINANCIAL RELATIONSHIPS:
- Bishwajit Bhattacharya: Nothing to Disclose
- Kim Davis: Nothing to Disclose
- Nwanmegha Young: Nothing to Disclose
- Steven Leder: Nothing to Disclose

## #9

**YALE SWALLOW PROTOCOL WITH REHABILITATION PATIENTS: FOURTEEN DAYS OF SUCCESSFUL ORAL ALIMENTATION**

Brady, Susan L.; Suiter, Debra M.; Armour, Michelle; Birkbibine, Shelia; Manypenny, Cari; Stambolis, Vasilios; Braun, Emily; Leder, Steven B.

1. Director of Research & Outcomes, Marianjoy Rehabilitation Hospital, Wheaton, IL, United States
2. Professor, Department of Surgery, Yale School of Medicine, New Haven, CT, United States
3. Director, University of Kentucky Voice & Swallowing Clinic, Lexington, KY, United States
4. Marianjoy Rehabilitation Hospital, Wheaton, IL, United States
5. Rehabilitation Institute of Chicago, Chicago, IL, United States
#10
FACE-TO-FACE VERSUS ONLINE TRAINING FOR THE FEES PROCEDURE
Brady, Susan L.¹; Rao, Noel²; Williams, Letha³; Hakel, Mark⁴; Pape, Theresa⁴; Pietrantoni, Michael⁶
1. Director, Research & Outcomes, Marianjoy Rehabilitation Hospital, Wheaton, IL, United States
2. Director, Medical Residency Program, Marianjoy Rehabilitation Hospital, Wheaton, IL, United States
3. Chairperson, Health Administration, AT Still University, Kirksville, MO, United States
4. Hines VA Hospital, Hines, IL, United States
5. Madonna Rehabilitation Hospital, Lincoln, IL, United States
6. Marianjoy Rehabilitation Hospital, Wheaton, IL, United States

RELEVANT FINANCIAL RELATIONSHIPS:
Susan Brady: Has affiliations to disclose; Institute of Medicine Chicago - Portes Foundation: Grant: Other Activities | Noel Rao: Nothing to Disclose | Letha Williams: Nothing to Disclose | Mark Hakel: Nothing to Disclose | Theresa Pape: Nothing to Disclose | Michael Pietrantoni: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS:
Susan Brady: Nothing to Disclose | Noel Rao: Nothing to Disclose | Letha Williams: Nothing to Disclose | Mark Hakel: Nothing to Disclose | Theresa Pape: Nothing to Disclose | Michael Pietrantoni: Nothing to Disclose

#11
MBS ELEARNING PROGRAM: SUPPORTING A STANDARDISED APPROACH TO MODIFIED BARIUM SWALLOW TRAINING
Burns, Clare¹; Taubert, Shana¹; McCarthy, Kellie²; Ward, Elizabeth³⁴; Graham, Nicola⁵
1. Speech Pathology & Audiology Department, Royal Brisbane & Women's Hospital, Brisbane, Queensland, Australia
2. Speech Pathology & Audiology Department, Princess Alexandra Hospital, Brisbane, Queensland, Australia
3. Centre for Functioning & Health Research, Metro South HHS, Queensland Health, Brisbane, Queensland, Australia
4. School of Health and Rehabilitation Sciences, The University of Queensland, Brisbane, Queensland, Australia
5. Children's Health Queensland Hospital and Health Service, Brisbane, Queensland, Australia

RELEVANT FINANCIAL RELATIONSHIPS:

RELEVANT NON-FINANCIAL RELATIONSHIPS:

#12
PROFILE OF SWALLOWING IN A BRAZILIAN SENIOR GROUP
Cardoso, Maria C.¹²; Silva Filho, Irenio G.³; Schwanke, Carla H.¹; Schneider, Rodolfo ³; Moriguchi, Yukio³
1. Speech, language and audiology, UFCSPA, PORTO ALEGRE, RS, Brazil
2. Rehabilitation Sciences post graduation, UFCSPA, Porto Alegre, RS, Brazil
3. IGG, PUCRS, Porto Alegre, RS, Brazil

RELEVANT FINANCIAL RELATIONSHIPS:
Maria Cardoso: Has affiliations to disclose; UFCSPA: Salary/Stipend: Employment | Irenio Silva Filho: Has affiliations to disclose; PUCRS: Salary/Stipend: Employment | Carla Schwanke: Has affiliations to disclose; PUCRS: Salary/Stipend: Employment | Rodolfo Schneider: Has affiliations to disclose; PUCRS: Salary/Stipend: Employment | Yukio Moriguchi: Has affiliations to disclose; PUCRS: Salary/Stipend: Employment

RELEVANT NON-FINANCIAL RELATIONSHIPS:
Maria Cardoso: Nothing to Disclose | Irenio Silva Filho: Nothing to Disclose | Carla Schwanke: Nothing to Disclose | Rodolfo Schneider: Nothing to Disclose | Yukio Moriguchi: Nothing to Disclose
#13
RISK FACTORS AND PULMONARY FUNCTION ASSOCIATED WITH ASPIRATION IN PATIENTS WITH HEAD AND NECK CANCER

Carrara-de Angelis, Elisabete¹; Claudino, Simone¹; Andrade, Margareth¹; Kowalski, Luiz Paulo²; Caruso, Pedro³

1. Voice, Speech and Swallowing Rehabilitation Department, A.C.Camargo Cancer Center, Sao Paulo, Sao Paulo, Brazil
2. Head and Neck Surgery Department, A.C.Camargo Cancer Center, Sao Paulo, Sao Paulo, Brazil
3. A.C.Camargo Cancer Center, Sao Paulo, Sao Paulo, Brazil

RELEVANT FINANCIAL RELATIONSHIPS: Elisabete Carrara-de Angelis: Nothing to Disclose | Simone Claudino: Nothing to Disclose | Margareth Andrade: Nothing to Disclose | Luiz Paulo Kowalski: Nothing to Disclose | Pedro Caruso: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Elisabete Carrara-de Angelis: Nothing to Disclose | Simone Claudino: Nothing to Disclose | Margareth Andrade: Nothing to Disclose | Luiz Paulo Kowalski: Nothing to Disclose | Pedro Caruso: Nothing to Disclose

#14
CORTICAL ACTIVATION DURING SWALLOWING IN PATIENTS WITH TONGUE CANCER BEFORE TREATMENT

Guedes, Renata¹; Nucci-da-Silva, Mariana²; Geraldini, Bruna¹; Kowalski, Luiz Paulo³; Amaro, Edson³; Carrara-de Angelis, Elisabete²

1. Voice, Speech and Swallowing Rehabilitation Department, A.C.Camargo Cancer Center, Sao Paulo, Sao Paulo, Brazil
2. Instituto de Radiologia do HCFMUUSP, Sao Paulo, Sao Paulo, Brazil
3. Head and Neck Surgery Department, A.C.Camargo Cancer Center, Sao Paulo, Sao Paulo, Brazil

RELEVANT FINANCIAL RELATIONSHIPS: Renata Guedes: Nothing to Disclose | Mariana Nucci-da-Silva: Nothing to Disclose | Bruna Geraldini: Nothing to Disclose | Luiz Paulo Kowalski: Nothing to Disclose | Edson Amaro: Nothing to Disclose | Elisabete Carrara-de Angelis: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Renata Guedes: Nothing to Disclose | Mariana Nucci-da-Silva: Nothing to Disclose | Bruna Geraldini: Nothing to Disclose | Luiz Paulo Kowalski: Nothing to Disclose | Edson Amaro: Nothing to Disclose | Elisabete Carrara-de Angelis: Nothing to Disclose

#15
REHABILITATION OF SWALLOWING AND OROFACIAL CONTRACTURES AFTER SEVERE BURN INJURY

Clayton, Nicola A.¹,²,³; Ward, Elizabeth C.³,⁴; Maitz, Peter K.²

1. Speech Pathology, Concord Repatriation General Hospital, Concord Repatriation General Hospital, New South Wales, Australia
2. Burns Unit, Concord Repatriation General Hospital, Sydney, New South Wales, Australia
3. School of Health & Rehabilitation Sciences, University of Queensland, Brisbane, Queensland, Australia
4. Centre for Functioning & Health Research, Queensland Health, Brisbane, Queensland, Australia

RELEVANT FINANCIAL RELATIONSHIPS: Nicola Clayton: Nothing to Disclose | Elizabeth Ward: Nothing to Disclose | Peter Maitz: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Nicola Clayton: Nothing to Disclose | Elizabeth Ward: Has a Non-Financial Disclosure Affiliation; Dysphagia Research Society: Professional: Membership | Peter Maitz: Nothing to Disclose

#16
AN INVESTIGATION OF THE EFFECT OF LARYNGECTOMY ON SWALLOWING AND QUALITY OF LIFE

Coffey, Margaret M.¹,²; Hickson, Mary³; Tolley, Neil³; Howard, David³

1. Speech and Language Therapy, Imperial College Healthcare NHS Trust, London, United Kingdom
2. Investigative Medicine, Imperial College London, London, United Kingdom
3. ENT/Otolaryngology, Imperial College Healthcare NHS Trust, London, United Kingdom
4. Nutrition and Dietetics, Imperial College Healthcare NHS Trust, London, United Kingdom

RELEVANT FINANCIAL RELATIONSHIPS: Margaret Coffey: Has affiliations to disclose; National Institute of Health Research - UK: Salary/Stipend: Employment | Mary Hickson: Nothing to Disclose | Neil Tolley: Nothing to Disclose | David Howard: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Margaret Coffey: Nothing to Disclose | Mary Hickson: Nothing to Disclose | Neil Tolley: Nothing to Disclose | David Howard: Nothing to Disclose
#17
ACCURACY IN THE EARLY IDENTIFICATION OF DYSPHAGIA
Currie, Victoria1; Flowers, Heather L.1; Nicholson, Gordon2; Kapral, Moira1; Martino, Rosemary1,4,5,6
1. Speech Language Pathology, University of Toronto, Toronto, ON, Canada
2. Speech Language Pathology, University Health Network, Toronto, ON, Canada
3. Internal Medicine, University Health Network, Toronto, ON, Canada
4. Rehabilitation Sciences Institute, University of Toronto, Toronto, ON, Canada
5. Toronto Western Institute, University Health Network, Toronto, ON, Canada
6. Department of Otolaryngology - Head and Neck Surgery, University of Toronto, Toronto, ON, Canada

RELEVANT FINANCIAL RELATIONSHIPS: Victoria Currie: Nothing to Disclose | Heather Flowers: Nothing to Disclose | Gordon Nicholson: Nothing to Disclose | Moira Kapral: Nothing to Disclose | Rosemary Martino: Has affiliations to disclose;University of Toronto:Salary/Stipend:Employment;Canada Research Chair:Grant:Other Activities;Canadian Institutes of Health Research:Grant:Other Activities;Canadian Cancer Society Research Institute:Grant:Other Activities;Amgen Inc:Other Financial or Material Support:Other Activities;National Cancer Institute (US):Grant:Other Activities


#18
PROXIMAL AND DISTAL ESOPHAGEAL CONTRACTIONS BEFORE AND AFTER SILDENAFIL
Costa, Tarciana V.1; Dantas, Roberto O.1
1. Medicine, Medical School of Ribeirão Preto USP, Ribeirão Preto, São Paulo, Brazil

RELEVANT FINANCIAL RELATIONSHIPS: Tarciana Costa: Nothing to Disclose | Roberto Dantas: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Tarciana Costa: Nothing to Disclose | Roberto Dantas: Nothing to Disclose

#19
POST-FUNDOPLICATION DYSPHAGIA CAUSES SIMILAR WATER INGESTION DYNAMICS AS ACHALASIA
Dantas, Roberto O.1; Santos, Carla M.1; Cassiani, Rachel A.1; Alves, Leda T.1; Nascimento, Weslania V.1
1. Medicine, Medical School of Ribeirão Preto USP, Ribeirão Preto, São Paulo, Brazil

RELEVANT FINANCIAL RELATIONSHIPS: Roberto Dantas: Nothing to Disclose | Carla Santos: Nothing to Disclose | Rachel Cassiani: Nothing to Disclose | Leda Alves: Nothing to Disclose | Weslania Nascimento: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Roberto Dantas: Nothing to Disclose | Carla Santos: Nothing to Disclose | Rachel Cassiani: Nothing to Disclose | Leda Alves: Nothing to Disclose | Weslania Nascimento: Nothing to Disclose

#20
DYSPHAGIA OUTCOMES AFTER COMBAT-RELATED MAXILLOFACIAL TRAUMATIC INJURIES
Dietsch, Angela M.1,2; Solomon, Nancy P.1; Dietrich-Burns, Katie1,2
1. Audiology & Speech Pathology Center, Walter Reed National Military Medical Center, Bethesda, MD, United States
2. Henry M. Jackson Foundation for the Advancement of Military Medicine, Rockville, MD, United States


RELEVANT NON-FINANCIAL RELATIONSHIPS: Angela Dietsch: Nothing to Disclose | Nancy Solomon: Nothing to Disclose | Katie Dietrich-Burns: Nothing to Disclose

#21
REMIFENTANIL ALTERS SENSORY NEUROMODULATION OF SWALLOWING IN HEALTHY VOLUNTEERS: QUANTIFICATION BY NOVEL PRESSURE-IMPEdance ANALYSIS
Doeltgen, Sebastian1; Omari, Taher2; Savilampi, Johanna3
1. Speech Pathology, School of Health Sciences, Flinders University, Adelaide, South Australia, Australia
2. Human Physiology, Medical Science and Technology, Flinders University, Adelaide, South Australia, Australia
3. Faculty of Medicine and Health, Örebro University, Örebro, Sweden
#22
SPEECH-LANGUAGE PATHOLOGY INTERVENTION FOR PATIENTS TREATED FOR HEAD AND NECK CANCER: EXPLORING THE “PATIENT EXPERIENCE”
Dreyer, Colleen¹; Hawkins, Sarah¹; Thouless, Kendra¹; Theurer, Julie²,³
1. Speech Language Pathology, London Health Sciences Centre, London, ON, Canada
2. School of Communication Sciences and Disorders, Western University, London, ON, Canada
3. Otolaryngology - Head and Neck Surgery, Western University, London, ON, Canada

RELEVANT FINANCIAL RELATIONSHIPS: Colleen Dreyer: Has affiliations to disclose; London Health Sciences Centre: Salary/Stipend: Employment | Sarah Hawkins: Nothing to Disclose | Kendra Thouless: Nothing to Disclose | Julie Theurer: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Colleen Dreyer: Nothing to Disclose | Sarah Hawkins: Nothing to Disclose | Kendra Thouless: Nothing to Disclose | Julie Theurer: Nothing to Disclose

#23
THE ENDOSCOPIC EVALUATION OF THE ORAL PHASE OF SWALLOWING (ORAL-FEES, O-FEES): PRELIMINARY DATA ABOUT THE RELIABILITY BETWEEN ENDOSCOPIC AND RADIOLOGICAL PROCEDURE.
Farneti, Daniele¹; fattori, bruno²; bastiani, luca³; genovese, elisabetta⁴
1. Audiology Phoniatic Service, "Infermi" Hospital, Rimini, RN, Italy
2. ENT Audiology Phoniatriy Unit – University of Pisa, Pisa, Italy
3. Institute of Clinical Physiology, National Council of Research (CNR) – Pisa, Pisa, Italy
4. Audiology Service - University of Modena, Modena, Italy

RELEVANT FINANCIAL RELATIONSHIPS: Daniele Farneti: Has affiliations to disclose; Rimini Hospital: Salary/Stipend: Employment, University of Bologna:Contracted:Independent contractor | bruno fattori: Nothing to Disclose | luca bastiani: Nothing to Disclose | elisabetta genovese: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Daniele Farneti: Has a Non-Financial Disclosure Affiliation ;Infermi hospital - Rimini:Personal:Membership | bruno fattori: Nothing to Disclose | luca bastiani: Nothing to Disclose | elisabetta genovese: Nothing to Disclose

#24
AN ARTIFICIAL INTELLIGENCE TECHNOLOGY FOR MONITORING CHIN TUCK MANEUVERS
Freed, Michael¹; Beaumont-Bowman, Sharon²; Burns, Brian¹; Heller, Aaron¹; Sanchez, Daniel J.³
1. SRI International, Menlo Park, CA, United States
2. Brooklyn College, Brooklyn, NY, United States

RELEVANT FINANCIAL RELATIONSHIPS: Michael Freed: Has affiliations to disclose; SRI International: Salary/Stipend: Employment | Sharon Beaumont-Bowman: Nothing to Disclose | Brian Burns: Nothing to Disclose | Aaron Heller: Nothing to Disclose | Daniel Sanchez: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Michael Freed: Nothing to Disclose | Sharon Beaumont-Bowman: Nothing to Disclose | Brian Burns: Nothing to Disclose | Aaron Heller: Nothing to Disclose | DANIEL SANCHEZ: Nothing to Disclose

#25
HIGH-SENSITIVITY C-REACTIVE PROTEIN (HS-CRP) AND BODY MASS INDEX IN PATIENTS WITH ASPIRATION
Oliveira, Diane d.¹; Moreira, Emilia A.²,³; de Freitas, Maiara B.¹; Gonçalves, Juliana d.¹; Homem, Suellen G.¹; Furkim, Ana Maria³
1. Post-Graduate Program in Nutrition, Federal University of Santa Catarina, Florianópolis, Santa Catarina, Brazil
2. Department of Nutrition, Federal University of Santa Catarina, Florianópolis, Santa Catarina, Brazil
3. Department of Speech Language Pathology and Audioloy, Federal University of Santa Catarina, Florianópolis, Santa Catarina, Brazil
#26

DOES AGE AND GENDER EFFECT THE DURATION OF A MENDELSOHN MANEUVER?
Galek, Kristine E.1; Grim, Madison1; Santin, Taylor1
1. Speech Pathology and Audiology, University of Nevada, Reno School of Medicine, Reno, NV, United States

RELEVANT FINANCIAL RELATIONSHIPS: Kristine Galek: Has affiliations to disclose; Accelerated Care Plus: Consulting fee; Consulting | Madison Grim: Nothing to Disclose | Taylor Santin: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Kristine Galek: Nothing to Disclose | Madison Grim: Nothing to Disclose | Taylor Santin: Nothing to Disclose

#27

QUANTIFYING OROPHARYNGEAL SWALLOWING IMPAIRMENT IN RESPONSE TO BOLUS VISCOSITY
Garand, Kendrea L.1,2,5; Armeson, Kent7,4; Hill, Elizabeth G.4,7; Blair, Julie4; Pearson, William G.6; Martin-Harris, Bonnie2,3
1. Research, Ralph H. Johnson VAMC, Charleston, SC, United States
2. Otolaryngology-Head and Neck Surgery, MUSC, Charleston, SC, United States
3. Surgery, Ralph H. Johnson VAMC, Charleston, SC, United States
4. Public Health Sciences, MUSC, Charleston, SC, United States
5. Speech-Language Pathology, MUHA, Charleston, SC, United States
6. Cellular Biology and Anatomy, Georgia Regents University, Augusta, GA, United States
7. Hollings Cancer Center, Charleston, SC, United States


#28

PATIENT ADHERENCE TO SWALLOWING EXERCISES AFTER HEAD AND NECK CANCER: IDENTIFICATION OF BARRIERS AND FACILITATORS
Govender, Roganie1,2; Wood, Caroline3; Taylor, Stuart4; Gardner, Benjamin5,2,3
1. Head & Neck Cancer Centre, University College London Hospital, London, United Kingdom
2. Health Behaviour Research Centre, University College London, London, United Kingdom
3. Centre for Behaviour Change, UCL, London, United Kingdom
4. Centre for Medical Imaging, University College London, London, United Kingdom
5. Institute of Psychiatry, Psychology & Neuroscience, Kings College London, London, United Kingdom
#29
IMPACT OF HOSPITAL-WIDE DYSPHAGIA SCREENING ON LOS FOR PATIENTS WITH DYSPHAGIA: A PI PROJECT.
Graham, Michelle1,2; Yezzo, Phyllis3; Schaefer, Steven2; Zeman, David C.2
1. Speech Pathology, Lenox Hill Hospital, New York, NY, United States
2. New York Head & Neck Institute, New York, NY, United States
3. Bon Secours, Port Jervis, NY, United States

RELEVANT FINANCIAL RELATIONSHIPS : Michelle Graham: Has affiliations to disclose; Lenox Hill Hospital: Salary/Stipend: Employment | Phyllis Yezzo: Nothing to Disclose | Steven Schaefer: Has affiliations to disclose; NYHNI: Salary/Stipend: Employment | David Zeman: Has affiliations to disclose; NY Head & Neck Institute: Salary/Stipend: Employment

RELEVANT NON-FINANCIAL RELATIONSHIPS: Michelle Graham: Has a Non-Financial Disclosure Affiliation; DRS: Professional: Membership | Phyllis Yezzo: Nothing to Disclose | Steven Schaefer: Nothing to Disclose | David Zeman: Nothing to Disclose

#30
DYSPHAGIA INTERVENTION FOR PATIENTS WITH HEAD AND NECK CANCER TREATED WITH RADIOTHERAPY WITH OR WITHOUT CHEMOTHERAPY: A SYSTEMATIC REVIEW
Greco, Elissa1; Simic, Tijana1; Ringash, Jolie2,3,8; Tomlinson, George6,7,8; Inamoto, Yoko4; Martino, Rosemary1,5,9
1. Speech-Language Pathology, University of Toronto, Toronto, ON, Canada
2. Princess Margaret Cancer Centre, University Health Network, Toronto, ON, Canada
3. Department of Radiation Oncology, University of Toronto, Toronto, ON, Canada
4. Faculty of Rehabilitation Medicine, Fujita Health University, Toyoake, Aichi, Japan
5. Toronto Western Research Institute, University Health Network, Toronto, ON, Canada
6. Department of Medicine, Toronto General Hospital, Toronto, ON, Canada
7. Dalla Lana School of Public Health, University of Toronto, Toronto, ON, Canada
8. Department of Health Policy, Management and Evaluation, University of Toronto, Toronto, ON, Canada
9. Department of Otolaryngology- Head and Neck Surgery, University of Toronto, Toronto, ON, Canada

RELEVANT FINANCIAL RELATIONSHIPS : Elissa Greco: Nothing to Disclose | Tijana Simic: Nothing to Disclose | Jolie Ringash: Nothing to Disclose | George Tomlinson: Nothing to Disclose | Yoko Inamoto: Nothing to Disclose | Rosemary Martino: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Elissa Greco: Nothing to Disclose | Tijana Simic: Nothing to Disclose | Jolie Ringash: Nothing to Disclose | George Tomlinson: Nothing to Disclose | Yoko Inamoto: Nothing to Disclose | Rosemary Martino: Nothing to Disclose

#31
FOLLOW THE SWALLOW: RADIOLOGY RESIDENT WEB BASED TRAINING INITIATIVE
Gregore, Dale R.1; Sechrist, Janet1; Siddall, Kristina2; Traylor, Katie2; Sandhu, Sameer2
1. Speech Pathology, Christiana Care Health System, Wilmington, DE, United States
2. Radiology, Christiana Care Health System, Newark, DE, United States

RELEVANT FINANCIAL RELATIONSHIPS : Dale Gregore: Has affiliations to disclose; Christiana Care Health System: Salary/Stipend: Employment | Janet Sechrist: Has affiliations to disclose; Christiana Care Health System: Salary/Stipend: Employment | Kristina Siddall: Has affiliations to disclose; Christiana Care Health System: Salary/Stipend: Employment | Katie Traylor: Nothing to Disclose | Sameer Sandhu: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Dale Gregore: Nothing to Disclose | Janet Sechrist: Nothing to Disclose | Kristina Siddall: Nothing to Disclose | Katie Traylor: Nothing to Disclose | Sameer Sandhu: Nothing to Disclose
#32
**VISUALIZATION OF ASPIRATED FOOD BOLUS BY USING 4D COMPUTER SIMULATION**

Hanyu, Keigo1; Toyama, Yoshio1; Kamiya, Tetsu1; Wada, Tetsuya1; Jinno, Nobuko1; Takai, Megumi1; Kikuchi, Takahiro2; Michiwaki, Yukihiko2

1. R&D Division, Meiji Co., Ltd., Odawara, Kanagawa, Japan
2. Oral Surgery Division, Japanese Red Cross Musashino Hospital, Musashino, Tokyo, Japan

**RELEVANT FINANCIAL RELATIONSHIPS:** Keigo Hanyu: Has affiliations to disclose Meiji Co., Ltd.: Salary/Stipend: Employment | Yoshio Toyama: Nothing to Disclose | Tetsu Kamiya: Nothing to Disclose | Tetsuya Wada: Nothing to Disclose | Nobuko Jinno: Nothing to Disclose | Megumi Takai: Nothing to Disclose | Takahiro Kikuchi: Nothing to Disclose | Yukihiro Michiwaki: Nothing to Disclose

**RELEVANT NON-FINANCIAL RELATIONSHIPS:** Keigo Hanyu: Nothing to Disclose | Yoshio Toyama: Nothing to Disclose | Tetsu Kamiya: Nothing to Disclose | Tetsuya Wada: Nothing to Disclose | Nobuko Jinno: Nothing to Disclose | Megumi Takai: Nothing to Disclose | Takahiro Kikuchi: Nothing to Disclose | Yukihiro Michiwaki: Nothing to Disclose

#33
**IMPROVING PALATABILITY OF ORAL CONTRAST AGENTS FOR CANINE SWALLOW STUDIES**

Harris, Rebecca A.2; Rawson, Nancy E.3; Bennett, Bridgette3; Frank, Julie3; Lever, Teresa1

1. Otolaryngology-Head and Neck Surgery, University of Missouri-Columbia, Columbia, MO, United States
2. Communication Science and Disorders, University of Missouri-Columbia, Columbia, MO, United States
3. AFB International, St. Charles, MO, United States

**RELEVANT FINANCIAL RELATIONSHIPS:** Rebecca Harris: Nothing to Disclose | Nancy Rawson: Has affiliations to disclose; AFB International: Salary/Stipend: Employment | Bridgette Bennett: Has affiliations to disclose; AFB International: Salary/Stipend: Employment | Julie Frank: Has affiliations to disclose; AFB International: Salary/Stipend: Employment | Teresa Lever: Has affiliations to disclose; University of Missouri-Columbia: Salary/Stipend: Employment

**RELEVANT NON-FINANCIAL RELATIONSHIPS:** Rebecca Harris: Nothing to Disclose | Nancy Rawson: Nothing to Disclose | Bridgette Bennett: Nothing to Disclose | Julie Frank: Nothing to Disclose | Teresa Lever: Has a Non-Financial Disclosure Affiliation; Dysphagia Research Society: Professional: Membership

#34
**STANDARDIZED MBSS ASSESSMENT CLINICIAN TRAINING PATTERNS**

Hazelwood, R. Jordan1,2,3; Farazi, Md Moshiur R.4; Humphries, Kate W.2,5; Fels, Sidney4; Martin-Harris, Bonnie1,2,3,5

1. College of Health Professions, Medical University of South Carolina, Charleston, SC, United States
2. Otolaryngology--Head & Neck Surgery, Medical University of South Carolina, Charleston, SC, United States
3. Ralph H. Johnson VA Medical Center, Charleston, SC, United States
4. Electrical and Computer Engineering, University of British Columbia, Vancouver, SC, United States
5. Evelyn Trammell Institute for Voice and Swallowing, Medical University of South Carolina, Charleston, SC, United States

**RELEVANT FINANCIAL RELATIONSHIPS:** R. Jordan Hazelwood: Has affiliations to disclose; MUSC: Salary/Stipend: Employment; MUSC: Scholarship: Other Activities; VA: Salary/Stipend: Other Activities | Md Moshiur Farazi: Has affiliations to disclose; UBC: Salary/Stipend: Other Activities | Kate Humphries: Has affiliations to disclose; MUSC: Salary/Stipend: Employment; Northern Speech Services, Inc.: Other Financial or Material Support: Independent contractor (Including contracted research) | Sidney Fels: Has affiliations to disclose; BCU: Salary/Stipend: Employment | Bonnie Martin-Harris: Has affiliations to disclose; Ralph H Johnson VAMC: Grant: Employment; Medical University of South Carolina: Salary/Stipend: Employment; NIH: Grant: Independent contractor (Including contracted research) | Bracco Diagnostics: Grant: Independent contractor (Including contracted research) | Mark and Evelyn Trammell Trust: Grant: Other Activities | Given Imaging: Other Financial or Material Support: Other Activities | Northern Speech Services: Royalty: Teaching and speaking

**RELEVANT NON-FINANCIAL RELATIONSHIPS:** R. Jordan Hazelwood: Has a Non-Financial Disclosure Affiliation; ASHA: Professional: Membership; ASHA: Professional: Volunteer membership on advisory committee or review panels; SCSHA: Professional: Membership; DRS: Professional: Membership; Dysphagia Journal: Professional: Other volunteer activities | Md Moshiur Farazi: Nothing to Disclose | Kate Humphries: Has a Non-Financial Disclosure Affiliation | ASHA: Professional: Membership | Sidney Fels: Nothing to Disclose | Bonnie Martin-Harris: Has a Non-Financial Disclosure Affiliation | DRS: Professional: Membership | DRS: Professional: Volunteer membership on advisory committee or review panels; ASHA: Professional: Membership; ASHA: Professional: Volunteer membership on advisory committee or review panels; Dysphagia Journal: Professional: Other volunteer activities
AIRWAY SENSATION IS BLUNTED IN ADULTS WITH PARKINSON'S DISEASE COMPARED TO AGE-MATCHED OLDER ADULTS.

Hegland, Karen¹; Brandimore, Alexandra E.²; Troche, Michelle S.²

1. Speech, Language and Hearing Sciences, University of Florida, Gainesville, FL, United States
2. Teacher's College, Columbia University, New York, NY, United States


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COMPUTER SIMULATION OF A LIQUID BOLUS FOR STUDYING HYPOSALIVATION FROM DYNAMIC 320-SLICE CT IMAGES

Ho, Andrew K.¹; Affoo, Rebecca²; Nicosia, Mark A.³; Inamoto, Yoko⁴; Saitoh, Eiichi⁴; Green, Sheldon⁵; Fels, Sidney¹

1. Electrical and Computer Engineering, University of British Columbia, Vancouver, BC, Canada
2. The Graduate Program of Health and Rehabilitation Sciences, Western University, London, ON, Canada
3. Mechanical Engineering, Widener University, Chester, PA, United States
4. Faculty of Rehabilitation, Fujita Health University, Toyoake, Aichi Prefecture, Japan
5. Mechanical Engineering, University of British Columbia, Vancouver, BC, Canada

RELEVANT FINANCIAL RELATIONSHIPS: Andrew Ho: Has affiliations to disclose; Collaborative Health Research Projects: Grant: Other Activities | Rebecca Affoo: Nothing to Disclose | Mark Nicosia: Nothing to Disclose | Yoko Inamoto: Nothing to Disclose | Eiichi Saitoh: Nothing to Disclose | Sheldon Green: Nothing to Disclose | Sidney Fels: Nothing to Disclose


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A COMPARISON STUDY OF PATIENT'S PALATABILITY PREFERENCE BETWEEN GUM-BASED AND STARCH-BASED FLUID THICKENERS IN A TERTIARY HOSPITAL IN SINGAPORE

Mohamed Jamil, Siti Khairiyah¹; Ho, Sher Min¹; Phua, Quan Quan¹; Concepcion, Johncy Rose¹

1. National University Hospital (Singapore), Singapore, Singapore

RELEVANT FINANCIAL RELATIONSHIPS: Siti Khairiyah Mohamed Jamil: Nothing to Disclose | Sher Min Ho: Has affiliations to disclose; Nestle Health Science: ThickenUp Clear gum-based thickener samples: Other Activities | Quan Quan Phua: Nothing to Disclose | Johncy Rose Concepcion: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Siti Khairiyah Mohamed Jamil: Nothing to Disclose | Sher Min Ho: Nothing to Disclose | Quan Quan Phua: Nothing to Disclose | Johncy Rose Concepcion: Nothing to Disclose

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PERIPHERAL AND CENTRAL CONTROL OF SWALLOWING INITIATION IN HUMANS

Inoue, Makoto¹; Tsujimura, Takanori¹; Magara, Jin¹

1. Division of Dysphagia Rehabilitation, Niigata University, Niigata, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Makoto Inoue: Has affiliations to disclose; the Japan Society for the Promotion of Science: Grant: Other Activities | Takanori Tsujimura: Nothing to Disclose | Jin Magara: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Makoto Inoue: Nothing to Disclose | Takanori Tsujimura: Nothing to Disclose | Jin Magara: Nothing to Disclose
#39

UPPER ESOPHAGEAL SPHINCTER OPENING IS MODULATED BY BOLUS VOLUME
Cock, Charles1; Jones, Corinne A.2; Hammer, Michael J.2; Omari, Taher1,3; McCulloch, Timothy2

1. Gastroenterology, Flinders Medical Centre, Adelaide, South Australia, Australia
2. Department of Surgery, Division of Otolaryngology, University of Wisconsin, Madison, WI, United States
3. Human Physiology, Flinders University, Adelaide, South Australia, Australia

RELEVANT FINANCIAL RELATIONSHIPS: Charles Cock: Nothing to Disclose | Corinne Jones: Has affiliations to disclose; NIH:Grant: Employment | Michael Hammer: Nothing to Disclose | Taher Omari: Nothing to Disclose | Timothy McCulloch: Nothing to Disclose


#40

LARYNGEAL SENSORY TESTING: A PILOT STUDY INVESTIGATING THE INTENSITY OF THE TOUCH AND RESPONSIVE REFLEXES
Kaneoka, Asako1,2; Pisegna, Jessica M.1; Krisciunas, Gintas3; Nito, Takaharu4; Stepp, Cara E.1,3; LaValley, Michael P.5; Langmore, Susan E.1

1. Speech, Language & Hearing Sciences, Boston University Sargent College, Boston, MA, United States
2. The University of Tokyo Hospital Rehabilitation Center, Tokyo, Japan
3. Department of Otolaryngology-Head and Neck Surgery, Boston University Medical Center, Boston, MA, United States
4. Department of Otolaryngology, The University of Tokyo School of Medicine, Tokyo, Japan
5. Boston University School of Public Health, Boston, MA, United States

RELEVANT FINANCIAL RELATIONSHIPS: Asako Kaneoka: Nothing to Disclose | Jessica Pisegna: Nothing to Disclose | Gintas Krisciunas: Nothing to Disclose | Takaharu Nito: Nothing to Disclose | Cara Stepp: Nothing to Disclose | Michael LaValley: Nothing to Disclose | Susan Langmore: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Asako Kaneoka: Nothing to Disclose | Jessica Pisegna: Nothing to Disclose | Gintas Krisciunas: Nothing to Disclose | Takaharu Nito: Nothing to Disclose | Cara Stepp: Nothing to Disclose | Michael LaValley: Nothing to Disclose | Susan Langmore: Nothing to Disclose

#41

ADVERSE EVENTS ASSOCIATED WITH INTAKE OF THIN LIQUIDS VERSUS THICK LIQUIDS IN PATIENTS WHO ASPIRATE: A SYSTEMATIC REVIEW AND META-ANALYSIS
Kaneoka, Asako1,2; Pisegna, Jessica M.1; Saito, Hiroki3; Lo, Melody4; Felling, Katey1; Haga, Nobuhiko2; LaValley, Michael P.5; Langmore, Susan E.1

1. Speech, Language & Hearing Sciences, Boston University Sargent College, Boston, MA, United States
2. The University of Tokyo Hospital Rehabilitation Center, Tokyo, Japan
3. University of California Irvine School of Medicine, Irvine, CA, United States
4. Boston Public Schools, Boston, MA, United States
5. Boston University School of Public Health, Boston, MA, United States

RELEVANT FINANCIAL RELATIONSHIPS: Asako Kaneoka: Nothing to Disclose | Jessica Pisegna: Nothing to Disclose | Hiroki Saito: Nothing to Disclose | Melody Lo: Nothing to Disclose | Katey Felling: Nothing to Disclose | Nobuhiko Haga: Nothing to Disclose | Michael LaValley: Nothing to Disclose | Susan Langmore: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Asako Kaneoka: Nothing to Disclose | Jessica Pisegna: Nothing to Disclose | Hiroki Saito: Nothing to Disclose | Melody Lo: Nothing to Disclose | Katey Felling: Nothing to Disclose | Nobuhiko Haga: Nothing to Disclose | Michael LaValley: Nothing to Disclose | Susan Langmore: Nothing to Disclose

#42

SUBMUCOSAL ELASTIC LAMINAE OF THE MIDDLE AND LOWER PHARYNX: A HISTOLOGICAL STUDY USING ELDERLY CADAVERIC SPECIMENS
Katori, Yukio1; Kawamoto, Ai1; Honkura, Yohei1

1. Department of Otolaryngology - Head and Neck Surgery, Tohoku University Graduate School of Medicine, Sendai, Miyagi, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Yukio Katori: Has affiliations to disclose; Tohoku University:Salary/Stipend:Management position | Ai Kawamoto: Nothing to Disclose | Yohei Honkura: Nothing to Disclose
#43
**COMPUTER SIMULATION BASED ON 320-ROW AREA DETECTOR COMPUTED TOMOGRAPHY TO ELUCIDATE BIOMECHANICS OF SWALLOWING**

Kikuchi, Takahiro; Michiwaki, Yukihiro; Kamiya, Tetsu; Toyama, Yoshio; Wada, Tetsuya; Jinno, Nobuko; Takai, Megumi; Hanyu, Keigo; Inamoto, Yoko; Saitoh, Eiichi

1. Oral Surgery Division, Japanese Red Cross Musashino Hospital, Musashino, Tokyo, Japan
2. R&D Division, Meiji Co., Ltd., Odawara, Kanagawa, Japan
3. Faculty of Rehabilitation, School of Health Sciences, Fujita Health University, Toyoake, Aichi, Japan
4. Department of Rehabilitation, School of Medicine, Fujita Health University, Toyoake, Aichi, Japan

**RELEVANT FINANCIAL RELATIONSHIPS**: Takahiro Kikuchi: Nothing to Disclose | Yukihiro Michiwaki: Nothing to Disclose | Tetsu Kamiya: Nothing to Disclose | Yoshio Toyama: Nothing to Disclose | Tetsuya Wada: Nothing to Disclose | Nobuko Jinno: Nothing to Disclose | Megumi Takai: Nothing to Disclose | Keigo Hanyu: Nothing to Disclose | Yoko Inamoto: Nothing to Disclose | Eiichi Saitoh: Nothing to Disclose


#44
**PROGRAMMED CELL DEATH IN AGING TONGUE MUSCULATURE**

Kletzien, Heidi; Glass, Tiffany J; Connor, Nadine P

1. Surgery, Division of Otolaryngology Head and Neck Surgery, University of Wisconsin-Madison, Madison, WI, United States
2. Biomedical Engineering, University of Wisconsin-Madison, Madison, WI, United States
3. Communication Sciences and Disorders, University of Wisconsin-Madison, Madison, WI, United States

**RELEVANT FINANCIAL RELATIONSHIPS**: Heidi Kletzien: Nothing to Disclose | Tiffany Glass: Nothing to Disclose | Nadine Connor: Nothing to Disclose

**RELEVANT NON-FINANCIAL RELATIONSHIPS**: Heidi Kletzien: Nothing to Disclose | Tiffany Glass: Nothing to Disclose | Nadine Connor: Nothing to Disclose

#45
**THE INFLUENCE OF BODY POSTURE ON SWALLOWING MUSCULATURE ACTIVITY DURING HEAD RAISING EXERCISE**

Koshi, Naomi; Matsumoto, Hiromi; Hagino, Hiroshi

1. School of Health Science, Tottori University Graduate School of Medicine, Yonago, Tottori, Japan
2. Division of Rehabilitation, Tottori University Hospital, Yonago, Tottori, Japan
3. School of Health Science, Tottori University Faculty of Medicine, Yonago, Tottori, Japan

**RELEVANT FINANCIAL RELATIONSHIPS**: Naomi Koshi: Nothing to Disclose | Hiromi Matsumoto: Nothing to Disclose | Hiroshi Hagino: Nothing to Disclose

**RELEVANT NON-FINANCIAL RELATIONSHIPS**: Naomi Koshi: Nothing to Disclose | Hiromi Matsumoto: Nothing to Disclose | Hiroshi Hagino: Nothing to Disclose

#46
**SELF-REPORTED DYSPHAGIA AND MORTALITY RISK: A SURVIVAL ANALYSIS**

LaGorio, Lisa A; Shah, Raj C; Buchman, Aron S; Leurgans, Sue; Bennett, David A

1. Communication Disorders and Sciences, Rush University, Chicago, IL, United States
2. Rush Alzheimer's Disease Center, Rush University Medical Center, Chicago, IL, United States

**RELEVANT FINANCIAL RELATIONSHIPS**: Lisa LaGorio: Has affiliations to disclose; Rush University: Salary/Stipend: Employment | Raj Shah: Has affiliations to disclose; Rush University Medical Center: Salary/Stipend: Employment | Aron Buchman: Has affiliations to disclose; Rush University Medical Center: Salary/Stipend: Employment | Sue Leurgans: Has affiliations to disclose; Rush University Medical Center: Salary/Stipend: Employment
#47
**ACCURACY OF CLINICAL SWALLOWING EXAMINATION FOR DIAGNOSIS OF DYSPHAGIA IN CHILDREN WITH LARYNGOMALACIA OR GLOSSOPTOSIS**
Levy, Deborah S.¹

1. Psicologia, UFRGS, Porto Alegre, RS, Brazil

**RELEVANT FINANCIAL RELATIONSHIPS:** Deborah Levy: Has affiliations to disclose; Federal University of Rio Grande do Sul- Brazil: Salary/Stipend: Employment

**RELEVANT NON-FINANCIAL RELATIONSHIPS:** Deborah Levy: Nothing to Disclose

#48
**AGE AND PRE-ORAL SENSATION IMPACT THE MAGNITUDE OF ANTICIPATORY LIP/JAW LOWERING**
Shune, Samantha¹; Moon, Jerald B.²

1. University of Oregon, Eugene, OR, United States
2. University of Iowa, Iowa City, IA, United States

**RELEVANT FINANCIAL RELATIONSHIPS:** Samantha Shune: Has affiliations to disclose; NIA-NIH: Grant: Other Activities; University of Oregon: Salary/Stipend: Employment | Jerald Moon: Has affiliations to disclose; University of Iowa: Salary/Stipend: Employment

**RELEVANT NON-FINANCIAL RELATIONSHIPS:** Samantha Shune: Nothing to Disclose | Jerald Moon: Nothing to Disclose

#49
**DYSPHAGIA AND SPEECH PATHOLOGY INVOLVEMENT IN CHILDREN ADMITTED TO HOSPITAL POST-CHEMICAL INGESTION INJURY**
Follent, Anna M.¹; Ward, Elizabeth C.²; Rumbach, Anna¹; Dodrill, Pamela¹; Lewindon, Peter⁴

1. School of Health and Rehabilitation Sciences, The University of Queensland, Southport, Queensland, Australia
2. Centre for Functioning and Health Research, Brisbane, Queensland, Australia
3. Speech-Language Pathology, Boston Children's Hospital, Boston, MA, United States
4. Queensland Paediatric Gastroenterology, Hepatology and Nutrition Service, Lady Cilento Children's Hospital, Brisbane, Queensland, Australia

**RELEVANT FINANCIAL RELATIONSHIPS:** Anna Follent: Has affiliations to disclose; Australian Postgraduate Award: Grant: Other Activities | Elizabeth Ward: Nothing to Disclose | Anna Rumbach: Nothing to Disclose | Pamela Dodrill: Nothing to Disclose | Peter Lewindon: Nothing to Disclose

**RELEVANT NON-FINANCIAL RELATIONSHIPS:** Anna Follent: Nothing to Disclose | Elizabeth Ward: Has a Non-Financial Disclosure Affiliation; The University of Queensland: Institutional: Membership | Anna Rumbach: Nothing to Disclose | Pamela Dodrill: Has a Non-Financial Disclosure Affiliation; Boston Children's Hospital: Professional: Membership | Peter Lewindon: Nothing to Disclose

#50
**PREVALENCE OF ESOPHAGEAL FINDINGS IN ADULTS VIA MBS WITH ESOPHAGEAL ASSESSMENT.**
Litwack, Amy¹; Kelly Arsenault, Joan¹; Brand, Stephen J.¹; Morgan, Lori B.²; Baumer, Joane¹,³,⁴,⁵,⁶

1. MassTex Imaging, Danvers, MA, United States
2. Neurology, Medical College of Georgia, Augusta, GA, United States
3. Department of Family Medicine, JPS Health Network, Fort Worth, TX, United States
4. RCHI, Texas A&M, College Station, TX, United States
5. Professional Imaging, PLLC, Houston, TX, United States
6. Diagnostic Imaging, PLCC, Forth Worth, TX, United States

**RELEVANT FINANCIAL RELATIONSHIPS:** Amy Litwack: Has affiliations to disclose; Mass Tex Imaging: Salary/Stipend: Employment | Joan Kelly Arsenault: Has affiliations to disclose; Mass Tex Imaging: Ownership interest (e.g., stocks, stock options or other ownership interest excluding diversified mutual funds): Ownership | Mass Tex Imaging: Salary/Stipend: Management position | Stephen Brand: Has affiliations to disclose; Mass Tex Imaging,
#51
SWALLOW OUTCOMES FOLLOWING ORGAN PRESERVATION BASED ON PRE-SWALLOW STATUS
Lundy, Donna S.3; Landera, Mario3; Sargí, Zoukaa3; Demane, Amanda G.3; Nayak, Chetan3; Samuels, Michael2; Elsayyad, Nagy2; Lo, Kaming1
1. Biostatistics, U of Miami, Miami, FL, United States
2. Radiation Oncology, U of Miami, Miami, FL, United States
3. Otolaryngology, U of Miami, Miami, FL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Donna Lundy: Nothing to Disclose | Mario Landera: Nothing to Disclose | Zoukaa Sargi: Nothing to Disclose | Amanda Demane: Nothing to Disclose | Chetan Nayak: Nothing to Disclose | Michael Samuels: Nothing to Disclose | Nagy Elsayyad: Nothing to Disclose | Kaming Lo: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Donna Lundy: Nothing to Disclose | Mario Landera: Nothing to Disclose | Zoukaa Sargi: Nothing to Disclose | Amanda Demane: Nothing to Disclose | Chetan Nayak: Nothing to Disclose | Michael Samuels: Nothing to Disclose | Nagy Elsayyad: Nothing to Disclose | Kaming Lo: Nothing to Disclose

#52
A COMBINATION OF FEEDBACK IS REQUIRED TO MANIPULATE VOLITIONAL AIRWAY PROTECTION DURING SWALLOWING
Macrae, Phoebe1,2; Humbert, Ianessa A.3
1. Communication Disorders, University of Canterbury, Christchurch, New Zealand
2. University of Canterbury, Rose Centre for Stroke Recovery and Research, Christchurch, New Zealand
3. University of Florida, Gainesville, FL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Phoebe Macrae: Has affiliations to disclose;University of canterbury:Salary/Stipend:Employment;Northerns Speech Services:Royalty:Teaching and speaking | Ianessa Humbert: Has affiliations to disclose;University of florida:Salary/Stipend:Employment;Northerns Speech Services:Royalty:Teaching and speaking;Medbridge:Royalty:Teaching and speaking;National Institutes of Health:Grant:Other Activities;American Heart Association:Grant:Other Activities;American Speech Language Hearing Foundation:Grant:Other Activities


#53
DEVELOPMENT OF A SCREENING TOOL FOR PRE-CLINICAL DYSPHAGIA IN THE COMMUNITY DWELLING ELDERLY
Madhavan, Aarthi 1; Chhabria, Karishma 3; Carnaby, Giselle2; Crary, Michael A.2
1. Swallow Research Laboratory, University of Florida, Gainesville, FL, United States
2. Swallowing Research Laboratory, University of Central Florida, Orlando, FL, United States
3. University of Florida, Gainesville, FL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Aarthi Madhavan: Nothing to Disclose | Karishma Chhabria: Nothing to Disclose | Giselle Carnaby: Nothing to Disclose | Michael Crary: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Aarthi Madhavan: Nothing to Disclose | Karishma Chhabria: Nothing to Disclose | Giselle Carnaby: Nothing to Disclose | Michael Crary: Nothing to Disclose
#54

RESPIRATORY AND SWALLOWING DYNAMICS IN THE PRESENCE OF EXPIRATORY MUSCLE FATIGUE IN HEALTHY YOUNG ADULTS
Malatra, Ioanna

1. Biobehavioral Studies, TC, Columbia University, New York, NY, United States

RELEVANT FINANCIAL RELATIONSHIPS: Ioanna Malatra: Nothing to Disclose
RELEVANT NON-FINANCIAL RELATIONSHIPS: Ioanna Malatra: Nothing to Disclose

#55

PRELIMINARY EVALUATION OF THE EFFECTS OF AN 8-WEEK INTENSIVE FEEDING PROGRAM ON FEEDING BEHAVIORS IN PEDIATRIC PATIENTS WITH FEEDING DISORDERS
Barnes, Margaux J.; Dimmitt, Reed; Mastin, Michelle

1. Pediatrics, University of Alabama at Birmingham, Birmingham, AL, United States
2. Intensive Feeding Program, Children's of Alabama, Birmingham, AL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Margaux Barnes: Nothing to Disclose | Reed Dimmitt: Nothing to Disclose | Michelle Mastin: Has affiliations to disclose; Children’s Hospital of Alabama: Salary/Stipend: Employment
RELEVANT NON-FINANCIAL RELATIONSHIPS: Margaux Barnes: Nothing to Disclose | Reed Dimmitt: Nothing to Disclose | Michelle Mastin: Nothing to Disclose

#56

ADEQUACY OF DYSPHAGIA GRADUATE PREPARATION IN THE UNITED STATES: RESULTS OF A NATIONAL SURVEY
McCoy, Yvette; Varindani Desai, Rinki

1. Rochester General Health System, Rochester, NY, United States
2. MedStar National Rehabilitation Hospital, Washington, United States

RELEVANT FINANCIAL RELATIONSHIPS: Yvette McCoy: Has affiliations to disclose; MedStar National Rehabilitation Hospital/St. Mary’s Hospital Salary/Stipend: Employment; Northern Speech Services:Royalty:Other Activities; Dysphagia Therapy App, Tactus Therapy, LLC:Royalty:Other Activities | Rinki Varindani Desai: Nothing to Disclose
RELEVANT NON-FINANCIAL RELATIONSHIPS: Yvette McCoy: Nothing to Disclose | Rinki Varindani Desai: Nothing to Disclose

#57

PREDICTING THE EFFECTS OF SURGERY ON UES DYSFUNCTION USING A PATIENT-SPECIFIC 4D COMPUTER SIMULATION
Michiwaki, Yukihiro; Kikuchi, Takahiro; Kamiya, Tetsu; Toyama, Yoshio; Wada, Tetsuya; Jinno, Nobuko; Takai, Megumi; Hanyu, Keigo

1. Oral Surgery Division, Japanese Red Cross Musashino Hospital, Musashino, Tokyo, Japan
2. R&D Division, Meiji Co., Ltd., Odawara, Kanagawa, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Yukihiro Michiwaki: Has affiliations to disclose; Japanese Red Cross Musashino Hospital: Salary/Stipend: Employment | Takahiro Kikuchi: Nothing to Disclose | Tetsu Kamiya: Nothing to Disclose | Yoshio Toyama: Nothing to Disclose | Tetsuya Wada: Nothing to Disclose | Nobuko Jinno: Nothing to Disclose | Megumi Takai: Nothing to Disclose | Keigo Hanyu: Nothing to Disclose
RELEVANT NON-FINANCIAL RELATIONSHIPS: Yukihiro Michiwaki: Nothing to Disclose | Takahiro Kikuchi: Nothing to Disclose | Tetsu Kamiya: Nothing to Disclose | Yoshio Toyama: Nothing to Disclose | Tetsuya Wada: Nothing to Disclose | Nobuko Jinno: Nothing to Disclose | Megumi Takai: Nothing to Disclose | Keigo Hanyu: Nothing to Disclose

#58

QUANTITATIVE OBJECTIVE SWALLOWING MEASURES OF TIMING & DISPLACEMENT IN CHILDREN
Miles, Anna; Beatson, Mandy; Peryman, Sophie; Allen, Jacqueline

1. The University of Auckland, Auckland, New Zealand
2. Allied Health, Starship Children's Hospital, Auckland District Health Board, Auckland, New Zealand
3. ORL, Waitemata District Health Board, Auckland, New Zealand

RELEVANT FINANCIAL RELATIONSHIPS: Anna Miles: Has affiliations to disclose; The University of Auckland: Salary/Stipend: Employment | Mandy Beatson: Nothing to Disclose | Sophie Peryman: Nothing to Disclose | Jacqueline Allen: Nothing to Disclose
#59
**MODIFICATIONS OF THE TASTE AND SMELL AND THE PRESENCE OF PENETRATION/ASPIRATION IN ELDERLY WITHOUT NEUROLOGICAL DISORDERS AND PARKINSONIAN SYNDROME**
Mourao, Lucia F.; Lima, Daniella P.
1. Unicamp, Campinas, São Paulo, Brazil
**RELEVANT FINANCIAL RELATIONSHIPS**: Lucia Mourao: Nothing to Disclose | Daniella Lima: Nothing to Disclose

#60
**THE ROLE OF GENETICS AND COGNITION IN HUNTINGTON’S DISEASE DYSPHAGIA**
Calasans dos Santos, Beatriz; Lima, Daniella P.; Azevedo, Paula Christina; Mourao, Lucia F.
1. Unicamp, Campinas, São Paulo, Brazil
**RELEVANT FINANCIAL RELATIONSHIPS**: Beatriz Calasans dos Santos: Nothing to Disclose | Daniella Lima: Nothing to Disclose | Paula Christina Azevedo: Nothing to Disclose | Lucia Mourao: Nothing to Disclose

#61
**OROPHARYNGEAL STRENGTHENING THERAPY IN THE SKILLED NURSING ENVIRONMENT: A MULTI-SITE CLINICAL INITIATIVE**
Nikolaisen, Salena; Jenkins, Jenna; Olds, Katy; Hind, Jacqueline; Almon-Matangos, Susan
1. Aegis Therapies, Plano, TX, United States
2. University of Wisconsin-Madison, Madison, WI, United States
3. Swallow Solutions, Madison, WI, United States
**RELEVANT FINANCIAL RELATIONSHIPS**: Salena Nikolaisen: Has affiliations to disclose; Aegis Therapies: Salary/Stipend: Employment | Jenna Jenkins: Has affiliations to disclose; Aegis Therapies: Salary/Stipend: Employment | Katy Olds: Has affiliations to disclose; University of Wisconsin: Salary/Stipend: Employment | Jacqueline Hind: Has affiliations to disclose; Susan Almon-Matangos: Has affiliations to disclose; Aegis Therapies: Salary/Stipend: Employment
**RELEVANT NON-FINANCIAL RELATIONSHIPS**: Salena Nikolaisen: Nothing to Disclose | Jenna Jenkins: Nothing to Disclose | Katy Olds: Nothing to Disclose | Jacqueline Hind: Has a Non-Financial Disclosure Affiliation; Dysphagia Research Society: Professional: Membership | Susan Almon-Matangos: Nothing to Disclose

#62
**IMPACTS OF WEARING DENTURES ON ORO-PHARYNGEAL MOVEMENT DURING PHARYNGEAL SWALLOWING.**
Onodera, Shohei; Furuya, Junichi; Tamada, Yasushi; Yamamoto, Hisanori; Sato, Tomohide; Hara, Atsushi; Itsukaichi, Atsuhiro; Aki, Saori; Kondo, Hisatomo
1. School of Dentistry, Iwate Medical University, Morioka-shi, Iwate, Japan
2. Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Bunkyo-ku, Tokyo, Japan
**RELEVANT FINANCIAL RELATIONSHIPS**: Shohei Onodera: Nothing to Disclose | Junichi Furuya: Nothing to Disclose | Yasushi Tamada: Nothing to Disclose | Hisanori Yamamoto: Nothing to Disclose | Tomohide Sato: Nothing to Disclose | Atsushi Hara: Nothing to Disclose | Atsuhiro Itsukaichi: Nothing to Disclose | Saori Aki: Nothing to Disclose | Hisatomo Kondo: Nothing to Disclose
**RELEVANT NON-FINANCIAL RELATIONSHIPS**: Shohei Onodera: Nothing to Disclose | Junichi Furuya: Nothing to Disclose | Yasushi Tamada: Nothing to Disclose | Hisanori Yamamoto: Nothing to Disclose | Tomohide Sato: Nothing to Disclose | Atsushi Hara: Nothing to Disclose | Atsuhiro Itsukaichi: Nothing to Disclose | Saori Aki: Nothing to Disclose | Hisatomo Kondo: Nothing to Disclose
#63
SWALLOWING IMPAIRMENT IN MYOTONIC DYSTROPHY AND ITS IMPACT ON QUALITY OF LIFE
Pilz, Walmari1; Baijens, Laura W1; Lima Passos, Valeria2; Verdonschot, Rob1; Meijers, Jolanda H.3; Roodenburg, Nel4; Kremer, Bernd1
1. Department of Otorhinolaryngology, Head and Neck Surgery, Maastricht University Medical Center, Maastricht, Netherlands
2. Department of Methodology and Statistics, Maastricht University, Maastricht, Netherlands
3. Department of Radiology, Maastricht University Medical Center, Maastricht, Netherlands
4. Department of Neurology, Maastricht University Medical Center, Maastricht, Netherlands

RELEVANT FINANCIAL RELATIONSHIPS: Walmari Pilz: Nothing to Disclose | Laura W Baijens: Nothing to Disclose | Valeria Lima Passos: Nothing to Disclose | Rob Verdonschot: Nothing to Disclose | Jolanda Meijers: Nothing to Disclose | Nel Roodenburg: Nothing to Disclose | Bernd Kremer: Nothing to Disclose


#64
DANGER ZONES: RATING RESIDUE IN 3 ZONES TO IDENTIFY THOSE AT RISK FOR PENETRATION/ASPIRATION ON FEES
Pisegna, Jessica M.1; Kaneoka, Asako1; Langmore, Susan E.1
1. Speech Language Pathology, Boston University / Boston Medical Center, Boston, MA, United States

RELEVANT FINANCIAL RELATIONSHIPS: Jessica Pisegna: Has affiliations to disclose; National Institute On Deafness And Other Communication Disorders of the National Institutes of Health under Award Number R01DC012584: Grant: Other Activities | Asako Kaneoka: Nothing to Disclose | Susan Langmore: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Jessica Pisegna: Nothing to Disclose | Asako Kaneoka: Nothing to Disclose | Susan Langmore: Nothing to Disclose

#65
THE RELATIONSHIP BETWEEN VOCAL PITCH ELEVATION AND ASPIRATION: ADDING TO THE EVIDENCE
Rajappa, Akila T.1; Soriano, Kristie2; Ziemer, Courtney2; Malandraki, Georgia A.3
1. Biobehavioral Sciences, Teachers College, Columbia University, Wayne, NJ, United States
2. Speech Pathology and Audiology Department, JFK Medical Center, Edison, NJ, United States
3. Speech, Language and Hearing Sciences, Purdue University, West Lafayette, IN, United States

RELEVANT FINANCIAL RELATIONSHIPS: Akila Rajappa: Nothing to Disclose | Kristie Soriano: Nothing to Disclose | Courtney Ziemer: Nothing to Disclose | Georgia Malandraki: Has affiliations to disclose; Purdue University: Salary/Stipend: Employment

RELEVANT NON-FINANCIAL RELATIONSHIPS: Akila Rajappa: Nothing to Disclose | Kristie Soriano: Nothing to Disclose | Courtney Ziemer: Nothing to Disclose | Georgia Malandraki: Has a Non-Financial Disclosure Affiliation; Purdue University: Professional: Membership

#66
PATIENT-REPORTED SWALLOWING OUTCOMES FOLLOWING 3-DIMENSIONAL CONFORMAL AND INTENSITY-MODULATED RADIOTHERAPY FOR HEAD AND NECK CANCER.
Roe, Justin W.1,2; Carding, Paul N.3; Drinnan, Michael J.4,5; McColl, Elaine6; Harrington, Kevin J.1,2; Wilson, Janet A.7,6; Nutting, Christopher M.1,2; Patterson, Joanne M.5,8
1. The Royal Marsden NHS Foundation Trust, London, United Kingdom
2. The Institute of Cancer Research, London, United Kingdom
3. School of Allied Health, Australian Catholic University, Brisbane, Queensland, Australia
4. Medical Physics, Newcastle Hospitals NHS Foundation Trust, Newcastle, United Kingdom
5. Institute of Cellular Medicine, Newcastle University, Newcastle upon Tyne, United Kingdom
6. Institute of Health and Society, Newcastle University, Newcastle upon Tyne, United Kingdom
7. Otolaryngology, Head and Neck Surgery, Newcastle Hospitals NHS Foundation Trust, Newcastle upon Tyne, United Kingdom
8. Speech and Language Therapy, City Hospitals Sunderland NHS Foundation Trust, Sunderland, United Kingdom

RELEVANT FINANCIAL RELATIONSHIPS: Justin Roe: Has affiliations to disclose; The Royal Marsden NHS Foundation Trust: Salary/Stipend: Employment | Paul Carding: Has affiliations to disclose; Australian Catholic University: Salary/Stipend: Employment | Michael Drinnan: Has affiliations to disclose; Newcastle Hospitals NHS Foundation Trust: Salary/Stipend: Employment | Elaine McColl: Has affiliations to disclose; Newcastle University: Salary/Stipend: Employment |
#67
SALIVARY QUANTITY AND VISCOSITY: EFFECTS ON PERCEIVED SWALLOW EFFORT AND OROPHARYNGEAL RESIDUE IN PATIENTS WITH DYSPHAGIA
Rogus-Pulia, Nicole1,2; Nicosia, Mark A.3; Rusche, Nicole4; Firoozmand, Hassan4; Hartel, Rich 4; Robbins, JoAnne1,2
1. Geriatric Research Education and Clinical Center, William S. Middleton Memorial Veterans Hospital, Madison, WI, United States
2. Medicine, University of Wisconsin-Madison, Madison, WI, United States
3. Mechanical Engineering, Widener University, Chester, PA, United States
4. Food Science, University of Wisconsin-Madison, Madison, WI, United States


#68
CHANGES IN TRANSMISSION OF ORAL SENSORY INFORMATION DURING SWALLOWING IN ANESTHETIZED RABBITS
Sakai, Shogo1; Suzuki, Taku1; Tsuji, Kohjun1; Magara, Jin1; Tsujimura, Takanori1; Inoue, Makoto1
1. Niigata University, Division of Dysphagia Rehabilitation, Niigata, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Shogo Sakai: Nothing to Disclose | Taku Suzuki: Nothing to Disclose | Kohjun Tsuji: Nothing to Disclose | Jin Magara: Nothing to Disclose | Takanori Tsujimura: Nothing to Disclose | Makoto Inoue: Has affiliations to disclose;The Japan Society for the Promotion of Science:Grant:Other Activities

RELEVANT NON-FINANCIAL RELATIONSHIPS: Shogo Sakai: Nothing to Disclose | Taku Suzuki: Nothing to Disclose | Kohjun Tsuji: Nothing to Disclose | Jin Magara: Nothing to Disclose | Takanori Tsujimura: Nothing to Disclose | Makoto Inoue: Nothing to Disclose

#69
TONGUE STRENGTH IS ASSOCIATED WITH NUTRITIONAL STATUS EVALUATED BY MINI NUTRITIONAL ASSESSMENT-SHORT FORM IN ELDERLY INPATIENTS OF A REHABILITATION HOSPITAL
Sakai, Kotomi4,1; Nakayama, Enri1; Tohara, Haruka2; Sugimoto, Motonobu2; Maeda, Tomomi2; Takehisa, Takahiro5; Takehisa, Yozo6; Ohnishi, Sayako1; Hayata, Mayumi1; Ueda, Koichiro1
1. Nippon Dental School, Department of Geriatric Dentistry, Tokyo, Japan
2. Geriatric Medicine, Setagaya Memorial Hospital, Tokyo, Japan
3. Gerontology and Oral Rehabilitation, Tokyo Medical and Dental University, Tokyo, Japan
4. Rehabilitation, Setagaya Memorial Hospital, Tokyo, Japan
5. Orthopaedic Surgery, Setagaya Memorial Hospital, Tokyo, setagaya-ku, Japan
6. Hakuai Memorial Hospital, Tokushima, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Kotomi Sakai: Nothing to Disclose | Enri Nakayama: Nothing to Disclose | Haruka Tohara: Nothing to Disclose | Motonobu Sugimoto: Nothing to Disclose | Tomomi Maeda: Nothing to Disclose | Takahiro Takehisa: Nothing to Disclose | Yozo Takehisa: Nothing to Disclose | Sayako Ohnishi: Nothing to Disclose | Mayumi Hayata: Nothing to Disclose | Koichiro Ueda: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Kotomi Sakai: Nothing to Disclose | Enri Nakayama: Nothing to Disclose | Haruka Tohara: Nothing to Disclose | Motonobu Sugimoto: Nothing to Disclose | Tomomi Maeda: Nothing to Disclose | Takahiro Takehisa: Nothing to Disclose | Yozo Takehisa: Nothing to Disclose | Sayako Ohnishi: Nothing to Disclose | Mayumi Hayata: Nothing to Disclose | Koichiro Ueda: Nothing to Disclose

TONGUE STRENGTH IS ASSOCIATED WITH NUTRITIONAL STATUS EVALUATED BY MINI NUTRITIONAL ASSESSMENT-SHORT FORM IN ELDERLY INPATIENTS OF A REHABILITATION HOSPITAL
Sakai, Kotomi4,1; Nakayama, Enri1; Tohara, Haruka2; Sugimoto, Motonobu2; Maeda, Tomomi2; Takehisa, Takahiro5; Takehisa, Yozo6; Ohnishi, Sayako1; Hayata, Mayumi1; Ueda, Koichiro1
1. Nippon Dental School, Department of Geriatric Dentistry, Tokyo, Japan
2. Geriatric Medicine, Setagaya Memorial Hospital, Tokyo, Japan
3. Gerontology and Oral Rehabilitation, Tokyo Medical and Dental University, Tokyo, Japan
4. Rehabilitation, Setagaya Memorial Hospital, Tokyo, Japan
5. Orthopaedic Surgery, Setagaya Memorial Hospital, Tokyo, setagaya-ku, Japan
6. Hakuai Memorial Hospital, Tokushima, Japan
#70

PHARYNGEAL PERISTALTIC PRESSURE PARAMETER MEASURED BY HIGH RESOLUTION MANOMETRY: A VARIABILITY ANALYSIS
Sanvanson, Patrick P. 1; Kern, Mark 1; Balasubramanian, Gokulakrishnan 1; Mei, Ling 1; Shaker, Reza 1
1. Medicine/Division of Gastroenterology, Medical College of Wisconsin, Milwaukee, WI, United States

RELEVANT FINANCIAL RELATIONSHIPS: Patrick Sanvanson: Nothing to Disclose | Mark Kern: Nothing to Disclose | Gokulakrishnan Balasubramanian: Nothing to Disclose | Ling Mei: Nothing to Disclose | Reza Shaker: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Patrick Sanvanson: Nothing to Disclose | Mark Kern: Nothing to Disclose | Gokulakrishnan Balasubramanian: Nothing to Disclose | Ling Mei: Nothing to Disclose | Reza Shaker: Has a Non-Financial Disclosure Affiliation; DRS: Professional: Membership

#71

A NOVEL LARYNGEAL SUSPENSION FOR ADVANCED ORAL CANCER CURED BY SUBTOTAL MANDIBLECTOMY: TITANIUM PLATE-MANDIBLE APPROXIMATION TECHNIQUE.
Sato, Takeshi 1; Kawamoto, Ai 1; Ishi, Ryo 1; Nakanome, Ayako 1; Ogawa, Takenori 1; Katori, Yukio 1
1. Department of Otolaryngology-Head and Neck Surgery, Tohoku University, Sendai, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Takeshi Sato: Nothing to Disclose | Ai Kawamoto: Nothing to Disclose | Ryo Ishi: Nothing to Disclose | Ayako Nakanome: Nothing to Disclose | Takenori Ogawa: Nothing to Disclose | Yukio Katori: Has affiliations to disclose; Tohoku university: Salary/Stipend: Management position


#72

THE ROLE OF NEUROTROPHIC FACTORS IN AGE AND EXERCISE-ASSOCIATED GAINS AND MAINTENANCE OF TONGUE FORCE IN RATS.
Schaser, Allison J. 1, 2; Ciucci, Michelle 2; Connor, Nadine P. 2
1. Neurology, Oregon Health and Science University, Portland, OR, United States
2. Communication Sciences and Disorders/Otolaryngology, University of Wisconsin-Madison, Madison, WI, United States


#73

SWALLOWING CHARACTERISTICS IN PATIENTS WITH MYOTONIC DYSTROPHY TYPE 1
Schindler, Antonio 1; Lorusso, Rosaria 1; Zardoni, Manuela 1; Pasanisi, Barbara 1; Ginocchio, Daniela 1; Morandi, Lucia 1; Osio, Maurizio 1
1. Phoniatrics, University of Milano, Milano, Not Applicable, Italy
2. Neurology, Ospedale L. Sacco, Milano, Italy
3. Istituto Carlo Besta, Milano, Italy

RELEVANT FINANCIAL RELATIONSHIPS: Antonio Schindler: Nothing to Disclose | Rosaria Lorusso: Nothing to Disclose | Manuela Zardoni: Nothing to Disclose | Barbara Pasanisi: Nothing to Disclose | Daniela Ginocchio: Nothing to Disclose | Lucia Morandi: Nothing to Disclose | Maurizio Osio: Nothing to Disclose
#74

IMPROVING CARE OF PRETERM INFANTS ON A NEONATAL INTENSIVE CARE UNIT ON CYPRUS. DETERMINING THE PREVALENCE, NATURE, AND EXTENT OF FEEDING AND SWALLOWING DIFFICULTIES AND DEVELOPING A RISK SCALE FOR EARLY IDENTIFICATION.

Senekki Florent, Yiota1; Walshe, Margaret1; Karaoli, Christina2; Vogazianos, Paris1

1. CSLS, Trinity College Dublin, Dublin, Ireland
2. NICU, Archbishop Makarios III Hospital, Nicosia, Cyprus
3. Epidemiology, Bank of Cyprus Oncology Center, Strovolos, Nicosia, Cyprus

RELEVANT FINANCIAL RELATIONSHIPS: Yiota Senekki Florent: Nothing to Disclose | Margaret Walshe: Nothing to Disclose | Christina Karaoli: Nothing to Disclose | Paris Vogazianos: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Yiota Senekki Florent: Nothing to Disclose | Margaret Walshe: Nothing to Disclose | Christina Karaoli: Nothing to Disclose | Paris Vogazianos: Nothing to Disclose

#75

IDENTIFICATION OF THE TONGUE MOTION AND DRY SWALLOW BY SUPRAHYOID MUSCLES ACTIVITY PATTERN USING MULTI-CHANNEL SURFACE EMG

Shibamoto, Isamu1; Sasaki, Makoto2; Nakayama, Atsushi3; Kamata, Katsuhiro4

1. Speech Language Hearing Sciences, Sei-rei Christopher University, Hamamatsu, Shizuoka, Japan
2. Robotics Technology, Iwate University, Morioka, Iwate, Japan
3. Mechanical Technology, National Institution of Technology, Iwate College, Ichinoseki, Iwate, Japan
4. Life Support System, Pattern Art Laboratoly, Hanamaki, Iwate, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Isamu Shibamoto: Nothing to Disclose | Makoto Sasaki: Nothing to Disclose | Atsushi Nakayama: Nothing to Disclose | Katsuhiro Kamata: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Isamu Shibamoto: Nothing to Disclose | Makoto Sasaki: Nothing to Disclose | Atsushi Nakayama: Nothing to Disclose | Katsuhiro Kamata: Nothing to Disclose

#76

PHARYNGEAL SWALLOWING POWER: EVALUATING A NOVEL MEASURE OF DEGLUTITIVE BOLUS-DRIVING FUNCTION AND ITS RELATIONSHIP WITH UPPER ESOPHAGEAL SPHINCTER FUNCTION

Sia, Isaac3; McCulloch, Timothy2; Sheplak, Mark1; Kairalla, John4; Carnaby, Giselle5; Crary, Michael A.5

1. Electrical and Computer Engineering, University of Florida, Gainesville, FL, United States
2. Surgery, University of Wisconsin-Madison, Madison, WI, United States
3. Rehabilitation Science, University of Florida, Gainesville, FL, United States
4. Biostatistics, University of Florida, Gainesville, FL, United States
5. Communication Sciences and Disorders, University of Central Florida, Orlando, FL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Isaac Sia: Nothing to Disclose | Timothy McCulloch: Has affiliations to disclose; Wisconsin Voice and Swallow Innovations Group: Intellectual property rights; Board membership | Mark Sheplak: Nothing to Disclose | John Kairalla: Nothing to Disclose | Giselle Carnaby: Nothing to Disclose | Michael Crary: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Isaac Sia: Nothing to Disclose | Timothy McCulloch: Nothing to Disclose | Mark Sheplak: Nothing to Disclose | John Kairalla: Nothing to Disclose | Giselle Carnaby: Nothing to Disclose | Michael Crary: Nothing to Disclose

#77

DYSPHAGIA AFTER LUNG TRANSPLANTATION: EXPLORING BEST TREATMENT PRACTICES

Singer, Michele L.1; Fynes, Margaret M.2

1. Physical Medicine and Rehabilitation, The Johns Hopkins Hospital, Baltimore, MD, United States
2. Radiology and Radiological Science, The Johns Hopkins Hospital, Baltimore, MD, United States

RELEVANT FINANCIAL RELATIONSHIPS: Michele Singer: Nothing to Disclose | Margaret Fynes: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Michele Singer: Nothing to Disclose | Margaret Fynes: Nothing to Disclose
SPECTRAL INTERACTIONS BETWEEN THE PRIMARY MOTOR CORTEX AND THE PRIMARY SOMATOSENSORY CORTEX AROUND THE SWALLOW ONSET DURING NATURAL FEEDING OF MACAQUE MONKEY

Takahashi, Kazutaka1; Nakamura, Yuki2; Arce-McShane, Fritzie1; Sessle, Barry1; Inoue, Makoto2; Hatsopoulos, Nicholas1; Ross, Callum1

1. Organismal Biology and Anatomy, University of Chicago, Chicago, IL, United States
2. Division of Dysphagia Rehabilitation, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Niigata, Japan
3. Faculty of Dentistry, University of Toronto, Toronto, ON, Canada

RELEVANT FINANCIAL RELATIONSHIPS: Kazutaka Takahashi: Has affiliations to disclose; University of Chicago: Salary/Stipend: Employment | Fritzie Arce-McShane: Nothing to Disclose | Barry Sessle: Nothing to Disclose | Makoto Inoue: Nothing to Disclose | Nicholas Hatsopoulos: Nothing to Disclose | Callum Ross: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Kazutaka Takahashi: Nothing to Disclose | Yuki Nakamura: Nothing to Disclose | Fritzie Arce-McShane: Nothing to Disclose | Barry Sessle: Nothing to Disclose | Makoto Inoue: Nothing to Disclose | Nicholas Hatsopoulos: Nothing to Disclose | Callum Ross: Nothing to Disclose

IMPACT OF SALVAGE NECK DISSECTION ON SWALLOWING FUNCTION IN HEAD AND NECK CANCER PATIENTS TREATED WITH PRIMARY CHEMORADIATION THERAPY

Theurer, Julie1,2; Tam, Samantha2; Hawkins, Sarah1; MacNeil, S. D.2; Nichols, Anthony2; Yoo, John2; Fung, Kevin2

1. School of Communication Sciences and Disorders, Western University, London, ON, Canada
2. Otolaryngology - Head and Neck Surgery, Western University, London, ON, Canada

RELEVANT FINANCIAL RELATIONSHIPS: Julie Theurer: Has affiliations to disclose; Western University: Salary/Stipend: Employment | Samantha Tam: Nothing to Disclose | Sarah Hawkins: Nothing to Disclose | S. MacNeil: Nothing to Disclose | Anthony Nichols: Nothing to Disclose | John Yoo: Nothing to Disclose | Kevin Fung: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Julie Theurer: Nothing to Disclose | Samantha Tam: Nothing to Disclose | Sarah Hawkins: Nothing to Disclose | S. MacNeil: Nothing to Disclose | Anthony Nichols: Nothing to Disclose | John Yoo: Nothing to Disclose | Kevin Fung: Nothing to Disclose

BIOMECHANICAL DIFFERENCES BETWEEN A HEALTHY MAN AND A PATIENT WITH DYSPHAGIA WERE REVEALED WITH PERSON-SPECIFIC 4D COMPUTER SIMULATION

Toyama, Yoshio1; Kamiya, Tetsu1; Wada, Tetsuya1; Jinno, Nobuko1; Takai, Megumi1; Hanyu, Keigo1; Kikuchi, Takahiro2; Michiwaki, Yukihiro2

1. R&D division, Meiji Co., Ltd, Odawara, Kanagawa, Japan
2. Oral Surgery, Japanese Red Cross Musashino Hospital, Tokyo, Japan

RELEVANT FINANCIAL RELATIONSHIPS: Yoshio Toyama: Has affiliations to disclose; Meiji Co., Ltd.: Salary/Stipend: Employment | Tetsu Kamiya: Nothing to Disclose | Tetsuya Wada: Nothing to Disclose | Nobuko Jinno: Nothing to Disclose | Megumi Takai: Nothing to Disclose | Keigo Hanyu: Nothing to Disclose | Takahiro Kikuchi: Nothing to Disclose | Yukihiro Michiwaki: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Yoshio Toyama: Nothing to Disclose | Tetsu Kamiya: Nothing to Disclose | Tetsuya Wada: Nothing to Disclose | Nobuko Jinno: Nothing to Disclose | Megumi Takai: Nothing to Disclose | Keigo Hanyu: Nothing to Disclose | Takahiro Kikuchi: Nothing to Disclose | Yukihiro Michiwaki: Nothing to Disclose

CLINICAL PREDICTORS OF AIRWAY PROTECTIVE DYSFUNCTION IN PARKINSON'S DISEASE

Troche, Michelle S.1; Brandimore, Alexandra E.1; Schumann, Beate2; Hegland, Karen3

1. Biobehavioral Sciences, Teachers College, Columbia University, New York, NY, United States
2. Department of Neurology, University Hospital RWTH Aachen, Aachen NRW, Germany
3. University of Florida, Gainesville, FL, United States

RELEVANT FINANCIAL RELATIONSHIPS: Michelle Troche: Has affiliations to disclose; Teachers College, Columbia University: Salary/Stipend: Employment | University of Florida: Salary/Stipend: Teaching and speaking | Alexandra Brandimore: Has affiliations to disclose; Teachers College, Columbia University: Salary/Stipend: Employment | Beate Schumann: Has affiliations to
#82
CHARACTERIZING DYSPHAGIA AND SWALLOWING INTERVENTIONS IN SPINAL CORD INJURY: A SYSTEMATIC REVIEW

Valenzano, Teresa J.1,2; Waito, Ashley A.1,2; Steele, Catriona M.2,1
1. Rehabilitation Sciences, Institute, University of Toronto, Toronto, ON, Canada
2. Swallowing Rehabilitation Research Laboratory, Toronto Rehabilitation institute - University Health Network, Toronto, ON, Canada

RELEVANT FINANCIAL RELATIONSHIPS: Teresa Valenzano: Has affiliations to disclose; Toronto Rehabilitation Institute - University Health Network: Salary/Stipend: Employment; Toronto Rehabilitation Institute - University Health Network: Scholarship: Other Activities

RELEVANT NON-FINANCIAL RELATIONSHIPS: Michelle Troche: Has a Non-Financial Disclosure Affiliation; University of Florida: Salary/Stipend: Employment; NIH: Grant: Other Activities

#83
SPECIFICITY OF ANTERIOR AND POSTERIOR TONGUE STRENGTHENING EXERCISES.

Van Nuffelen, Gwen1,2,3; Van den Steen, Leen1; Schellen, Charlotte4; Verstraelen, Katja4; Vanderwegen, Jan5,6; Beeckman, Anne-Sophie E.4
1. ORL, Antwerp University Hospital, Edegem, Belgium
2. University of Antwerp, Antwerp, Belgium
3. Ghent University, Ghent, Belgium
4. Artevelde University College Ghent, Ghent, Belgium
5. UMC St-Pieters, Brussels, Belgium
6. Thomas More University College, Antwerp, Belgium

RELEVANT FINANCIAL RELATIONSHIPS: Gwen Van Nuffelen: Nothing to Disclose | Leen Van den Steen: Nothing to Disclose | Charlotte Schellen: Nothing to Disclose | Katja Verstraelen: Nothing to Disclose | Jan Vanderwegen: Nothing to Disclose | Anne-Sophie Beeckman: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Gwen Van Nuffelen: Nothing to Disclose | Leen Van den Steen: Nothing to Disclose | Charlotte Schellen: Nothing to Disclose | Katja Verstraelen: Nothing to Disclose | Jan Vanderwegen: Nothing to Disclose | Anne-Sophie Beeckman: Nothing to Disclose

#84
PROSPECTIVE DOUBLE-BLIND STUDY OF THE AGREEMENT BETWEEN STANDARDIZED CLINICAL SWALLOWING EXAMINATION (CSE) VERSUS FIBEROPTIC ENDOSCOPIC EVALUATION OF SWALLOWING (FEES) FOR PRESENCE, TYPE AND SEVERITY OF DYSPHAGIA, PENETRATION AND ASPIRATION AND DIETARY GUIDELINES

Massonet, Hanne3,5; Vanderwegen, Jan2,1,3; Ryckaert, Marie A.4; Beeckman, Anne-Sophie E.3,6
1. ENT, UMC Saint Pierre, Brussels, Brussel, Belgium
2. Speech Language Pathology & Audiology, Thomas More University College, Antwerp, Antwerp, Belgium
3. Speech Language Pathology & Audiology, Artevelde Hogeschool, Gent, Oost-Vlaanderen, Belgium
4. ENT and Communication Disorders, Jessa Hospital, Saint-Ursula, Herk-de-Stad, Limburg, Belgium
5. Private Practice, Logopedie Bekkevoort, Bekkevoort, Vlaams Brabant, Belgium
6. Voice & Swallowing Center, AZ Maria Middelares, Gent, Oost-Vlaanderen, Belgium

RELEVANT FINANCIAL RELATIONSHIPS: Hanne Massonet: Nothing to Disclose | Jan Vanderwegen: Nothing to Disclose | Marie Ryckaert: Nothing to Disclose | Anne-Sophie Beeckman: Nothing to Disclose

#85
DEVELOPMENT AND PRELIMINARY PERFORMANCE OF A NEONATAL CLINICAL FEEDING ASSESSMENT SCALE

Viviers, Mari1,2; Kritzinger, Alta2

1. Department of Speech-language Therapy and Audiology, Sefako Makgatho Health Sciences University, Pretoria, Gauteng, South Africa
2. Department of Speech-language Therapy and Audiology, University of Pretoria, Pretoria, South Africa

RELEVANT FINANCIAL RELATIONSHIPS: Mari Viviers: Has affiliations to disclose; University of Pretoria: Other Financial or Material Support: Other Activities | Alta Kritzinger: Has affiliations to disclose; University of Pretoria: Salary/Stipend: Employment

RELEVANT NON-FINANCIAL RELATIONSHIPS: Mari Viviers: Nothing to Disclose | Alta Kritzinger: Nothing to Disclose

#86
CLINICIAN ACCURACY IN IDENTIFYING SWALLOWING PATHOPHYSIOLOGIES

Vose, Alicia1; Sunday, Kirstyn1; Humbert, Ianessa1

1. University of Florida, Gainesville, MD, United States

RELEVANT FINANCIAL RELATIONSHIPS: Alicia Vose: Has affiliations to disclose; Department of Public Health and Health Professions, University of Florida: Salary/Stipend: Employment | Kirstyn Sunday: Nothing to Disclose | Ianessa Humbert: Nothing to Disclose

RELEVANT NON-FINANCIAL RELATIONSHIPS: Alicia Vose: Nothing to Disclose | Kirstyn Sunday: Nothing to Disclose | Ianessa Humbert: Nothing to Disclose

#87
PREVALENCE OF MEALTIME-SPECIFIC DISTRESS IN CARERS OF HEAD/NECK CANCER PATIENTS RECEIVING (CHEMO)RADIOTHERAPY

Wall, Laurelie1,2,3; Cartmill, Bena1,3; Ward, Elizabeth C.1,2; Hill, Anne J.2; Nund, Rebecca L.2; Hutchison, Alana2; Isenring, Elizabeth4,5; Byrnes, Joshua6; Chambers, Suzanne7; Dunn, Jeff8; Nixon, Jodie9; Porceddu, Sandro V.10,11

1. Centre for Functioning & Health Research, Queensland Health, Brisbane, Queensland, Australia
2. School of Health and Rehabilitation Sciences, University of Queensland, Brisbane, Queensland, Australia
3. Speech Pathology Department, Princess Alexandra Hospital, Brisbane, Queensland, Australia
4. Faculty of Health Sciences and Medicine, Bond University, Robina, Queensland, Australia
5. Nutrition & Dietetics Department, Princess Alexandra Hospital, Brisbane, Queensland, Australia
6. School of Medicine, Griffith University, Brisbane, Queensland, Australia
7. Preventative Health and Area of Strategic Investment for Chronic Disease Prevention, Griffith University, Southport, Queensland, Australia
8. Cancer Council Queensland, Brisbane, Queensland, Australia
9. Occupational Therapy Department, Princess Alexandra Hospital, Brisbane, Queensland, Australia
10. Radiation Oncology Department, Princess Alexandra Hospital, Brisbane, Queensland, Australia
11. School of Medicine, The University of Queensland, Brisbane, Queensland, Australia

RELEVANT FINANCIAL RELATIONSHIPS: Laurelie Wall: Has affiliations to disclose; Cancer Council Queensland: Grant: Other Activities | Bena Cartmill: Has affiliations to disclose; Cancer Council Queensland: Grant: Other Activities | Elizabeth Ward: Has affiliations to disclose; Cancer Council Queensland: Grant: Other Activities | Anne Hill: Has affiliations to disclose; Cancer Council Queensland: Grant: Other Activities | Rebecca Nund: Nothing to Disclose | Alana Hutchison: Nothing to Disclose | Elizabeth Isenring: Has affiliations to disclose; Cancer Council Queensland: Grant: Other Activities | Joshua Byrnes: Has affiliations to disclose; Cancer Council Queensland: Grant: Other Activities | Suzanne Chambers: Has affiliations to disclose; Cancer Council Queensland: Grant: Other Activities | Jeff Dunn: Has affiliations to disclose; Cancer Council Queensland: Grant: Other Activities | Jodie Nixon: Has affiliations to disclose; Cancer Council Queensland: Grant: Other Activities | Sandro Porceddu: Has affiliations to disclose; Cancer Council Queensland: Grant: Other Activities

RELEVANT NON-FINANCIAL RELATIONSHIPS: Laurelie Wall: Has a Non-Financial Disclosure Affiliation; Dysphagia Research Society: Professional: Membership | Bena Cartmill: Nothing to Disclose | Elizabeth Ward: Nothing to Disclose | Anne Hill: Nothing to Disclose | Rebecca Nund: Nothing to Disclose | Alana Hutchison: Nothing to Disclose | Elizabeth Isenring: Nothing to Disclose
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**HOSPITAL READMISSIONS FOR STROKE PATIENTS WITH PEG FEEDING TUBES: AN ANALYSIS OF HCUP SID FLORIDA 2012**

Wilmskoetter, Janina; Simpson, Kit N.; Bonilha, Heather S.

1. Department of Health Science and Research, Medical University of South Carolina, Charleston, SC, United States
2. Department of Healthcare Leadership and Management, Medical University of South Carolina, Charleston, SC, United States
3. Department of Otolaryngology – Head and Neck Surgery, Medical University of South Carolina, Charleston, SC, United States

**RELEVANT FINANCIAL RELATIONSHIPS:** Janina Wilmskoetter: Has affiliations to disclose; Medical University of South Carolina: Salary/Stipend: Employment

**RELEVANT NON-FINANCIAL RELATIONSHIPS:** Janina Wilmskoetter: Nothing to Disclose | Kit Simpson: Nothing to Disclose | Heather Bonilha: Nothing to Disclose

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**DYSPHAGIA IS CHARACTERIZED BY INADEQUATE LARYNGEAL ELEVATION TO CLOSE THE VESTIBULE DURING SWALLOWING**

Wong, Seng Mun; Ludlow, Christy L.

1. Communication Sciences and Disorders, James Madison University, Harrisonburg, VA, United States
2. Speech Therapy, Singapore General Hospital, Singapore, Singapore

**RELEVANT FINANCIAL RELATIONSHIPS:** Seng Mun Wong: Has affiliations to disclose; Singapore General Hospital: Salary/Stipend: Employment; American Speech-Language-Hearing Foundation: Scholarship: Other Activities

**RELEVANT NON-FINANCIAL RELATIONSHIPS:** Seng Mun Wong: Nothing to Disclose | Christy Ludlow: Has a Non-Financial Disclosure Affiliation; DRS: Professional: Membership

#90

**DYSPHAGIA AND REFLUX: A MIXED-METHODS STUDY OF PATIENT VIEWS ON REFLUX MEDICATION ROUTINES**

Pisegna, Jessica M.; Yang, Sky; Reagan, Victoria; Purcell, Audrey; Rubio, Alix

1. Speech Language Pathology, Boston University / Boston Medical Center, Boston, MA, United States
2. Stanford Health, Palo Alto, CA, United States

**RELEVANT FINANCIAL RELATIONSHIPS:** Jessica Pisegna: Nothing to Disclose | Sky Yang: Nothing to Disclose | Victoria Reagan: Nothing to Disclose | Audrey Purcell: Nothing to Disclose | Alix Rubio: Nothing to Disclose

**RELEVANT NON-FINANCIAL RELATIONSHIPS:** Jessica Pisegna: Nothing to Disclose | Sky Yang: Nothing to Disclose | Victoria Reagan: Nothing to Disclose | Audrey Purcell: Nothing to Disclose | Alix Rubio: Nothing to Disclose

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**SCREENING FOR DYSPHAGIA IN PEOPLE WITH PARKINSON'S DISEASE: A SYSTEMATIC REVIEW**

Yeates, Erin; Mistry, Charlotte; Cuglietta, Loredana; Marras, Connie; Martino, Rosemary

1. Speech-Language Pathology, University Health Network, Toronto, ON, Canada
2. Morton & Gloria Shulman Movement Disorders Centre, Toronto Western Hospital, Toronto, NU, Canada
3. Edmond J. Safra Program in Parkinson's Disease, Toronto Western Hospital, Toronto, ON, Canada
4. University of Toronto, Toronto, ON, Canada

**RELEVANT FINANCIAL RELATIONSHIPS:** Erin Yeates: Nothing to Disclose | Charlotte Mistry: Nothing to Disclose | Loredana Cuglietta: Nothing to Disclose | Connie Marras: Nothing to Disclose | Rosemary Martino: Nothing to Disclose

**RELEVANT NON-FINANCIAL RELATIONSHIPS:** Erin Yeates: Nothing to Disclose | Charlotte Mistry: Nothing to Disclose | Loredana Cuglietta: Nothing to Disclose | Connie Marras: Nothing to Disclose | Rosemary Martino: Nothing to Disclose
A QUANTITATIVE APPROACH TO BOLUS SHAPE VARIATION IN INFANTS WITH RLN LESION INDUCED ASPIRATION

Yglesias, Benjamin1; Gould, Francois D.1; Ohlemacher, Jocelyn1; german, rz1

1. Anatomy and Neurobiology, NEOMED, Rootstown, OH, United States

RELEVANT FINANCIAL RELATIONSHIPS: Benjamin Yglesias: Nothing to Disclose | Francois Gould: Nothing to Disclose | Jocelyn Ohlemacher: Nothing to Disclose | rz german: Nothing to Disclose