



Society for Ear, Nose, & Throat  
Advancement in Children



December 2022

[www.sentac.org](http://www.sentac.org)



**SENTAC 2022 Annual Meeting**



## Celebrating 50 Years of SENTAC

### Thursday | December 1st

9:30–11:30am	<b>SENTAC Board Meeting</b>
12:00–12:30pm	<b>Workshop Welcome and Lunch with Exhibitors</b>
<b>Workshop Tract 1</b>	
12:30–1:30pm	<b>Audiology</b> - Adding Advanced Electrophysiology to your Pediatric Toolkit - Presentations
1:30–2:30pm	<b>Case presentations/Group Discussion</b>
2:30–3:00pm	<b>Break</b>
3:00–4:30pm	<b>Live Demonstration and Hands-On Practice in Marking Waveforms</b>

12:30–4:30PM - Colkett 6040 (6th FL)

### **Workshop Tract 1 - Audiology - Adding Advanced Electrophysiology to your Pediatric Toolkit**

**Moderator:** Yell Inverso, AuD PhD (Past President 2016)

**Speakers:** Yell Inverso, AuD PhD (Past President 2016); Shanda Brashears, AuD; Tammy Riegner, AuD

**Description:** Electrophysiologic testing is a hallmark of pediatric audiology; however, most centers

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do not use the full capability of their equipment to test above the level of the brainstem. This course will go beyond Auditory Brainstem Response (ABR) testing to focus on the use of late-evoked potential testing. Protocols will be shared for testing of children with auditory processing complaints, complex neurological conditions, as well as for the selection and validation of interventions. Attendees will be able to practice cortical auditory potential testing and will be led through the testing by renowned pediatric subject matter experts. Additionally, the course will include discussion and presentation of difficult cases to highlight the use and limitations of these measures

**Objectives:**

1. Participants will be able to identify evoked potential tests beyond the Auditory Brainstem Response, for use with complex populations.
2. Participants will be able to implement protocols learned for the use of Cortical Auditory Evoked Potentials (CAEP) testing for multiple populations.
3. Participants will be able to interpret the results of CAEP measures.

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<b>Workshop Tract 2</b>	
12:30–3:00pm	<b>Endoscopy Cases - Speech, ENT, Advanced Providers</b>
3:00–3:15pm	<b>Break at North Hub Lobby</b>
3:15–5:30pm	<b>Aero/ Endoscopy - Endoscopic Techniques in Pediatric Airway Surgery Hands-On</b>

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12:30–5:30PM - 1631/1632

**Workshop Tract 2 - Endoscopic Techniques in Pediatric Airway Surgery**  
(non CME activity)

**Part A: Interesting Cases: Endoscopic Interventions and Speech/Swallowing Post-Operative Management**

**Moderators:** Gresham Richter, MD (Past President 2021); Linda Miller-Calandra R.N. M.S.N ( Past President 2004); Calandra, MSN, CRNP, CORLN; Stephanie Zacharias, PhD, CCC-SLP (Past President 2020)

**Part B: Endoscopy Workshop (Endoscopic and Open Procedures)**

**Moderators:** Soham Roy, MD (Dev. Committee Chair) and Sohit Kanotra, MD (Board Member)  
**Speakers and Proctors:** Austin DeHart, Arkansas Children Hospital; Brian Reilly, Children’s National Hospital; Michele Gaffuri, University of Milan; Brandon Viet. University of Iowa; Hamdy El Hakim. University of Alberta; Mini Kurian, University of Alberta; Matthew Smith. Cincinnati Children’s

hospital; Claire Miller, Cincinnati Children's Hospital; Matthew Brigger. Rady's Children Hospital, San Diego; Kimberly Morris. Rady's Children Hospital, San Diego; Scott Rickert, NYU; Dayana Jaramillo, NYU; Catherine Hart. Cincinnati Children's Hospital; Luv Javia, Children's Hospital of Philadelphia; Ian Jacobs, Children's Hospital of Philadelphia; Jeffery Dorrity. Arkansas Children's Hospital; Sohit Kanotra, University of Iowa; Richard Hubbell, Loyola University; Malak Gazzaz. Saudi Arabia; Joseph Peterson. Loma Linda University

**Description:** Endoscopic Techniques in the management of Pediatric airway disorders have undergone significant advances. This hands-on course will focus on endoscopic surgical techniques in the management of different pediatric airway pathologies. The attendees will be able to practice endoscopic surgical techniques on laryngeal models and will be supervised by world renowned national and international faculty. Various surgical techniques which will be covered include supraglottoplasty, laryngeal cleft repair, suture lateralization, Endoscopic cricoid splits, injection laryngoplasty, balloon dilatation, as well as use of advanced and newer endoscopic tools like endolaryngeal suturing device and ultrasound guided laryngeal interventions.

**Objectives:**

1. To implement in surgical practice endoscopic techniques in management of laryngomalacia, laryngeal clefts, epiglottic prolapse, vocal fold paralysis and laryngotracheal stenosis.
2. To acquire an understanding of newer tools in pediatric endoscopy airway surgery including lasers and endolaryngeal suturing devices.
3. To understand management options in challenging pediatric airway situations.

6:30–9:00pm	<b>Welcome Reception with Partners at The Study</b>
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<h1>Friday   December 2nd</h1>	
7:00–7:45am	<b>Breakfast with SENTAC Legends</b>
7:00–7:45am	<b>General Meeting Breakfast and Poster Session</b>
7:45–8:00am	<b>Welcome and Introduction</b> <i>Daniella Carvalho SENTAC President; Gresham Richter MD SENTAC Program Chair</i>
8:00–8:55am	<b>Panel: Concepts and Controversies in Aural Atresia - Supported by Children's Hospital of The King's Daughter</b>



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8:00–8:55AM - Main Room Auditorium 1620

## **Panel: Concepts and Controversies in Aural Atresia - Supported by Children's Hospital of The King's Daughter**

**Introduced By:** Craig Derkay, MD; David Darrow, M.D., D.D.S.

**Speakers:** Kate (Catherine) Moyer, Au.D., Audiologist: Rady Children's Hospital; Dylan K. Chan, M.D., Ph.D., Pediatric Otologist: University of California, San Francisco; Katie Mulray, M.S., CCC-SLP, Speech Pathologist; Children's Hospital of Philadelphia

**Description:** This one-hour panel is designed to update attendees on the latest advances in management of aural atresia. It will feature representatives from pediatric otology, audiology, and speech pathology. Panelists will review a series of cases and provide commentary on management options and best practices for each case.

### **Objectives:**

1. To understand current indications and prerequisites for surgical correction of aural atresia.
2. To become familiar with audiologic options for correction of hearing loss associated with aural atresia.
3. To understand the role of the speech pathologist in assessment and correction of speech disorders related to atresia-related hearing deficits.

8:55–9:00am	<b>Presidential Reflections (Then and Now)</b>
9:00–9:50am	<b>Abstract Session I</b> <b>Disparities in Educational Services for Children Who are Deaf or Hard-of-hearing</b> <i>Erika Stephens BA</i> <b>Slide Tracheoplasty: Oral Feeding and Dysphagia Management from the SLP Perspective</b> <i>Julia Welc MA, CCC-SLP</i> <b>Aerosol Mitigation Strategies in the COVID-19 Era</b> <i>Brian Herrmann MD</i> <b>Fostering Joy in Parents with Children who are Deaf/Hard of Hearing</b> <i>Susan Gibbons AuD, Amy Szarkowski, PhD</i> <b>Pediatric Dysphagia in the Time of COVID: Lessons from a COVID-19 Epicenter</b> <i>Hannah J. Tahhan-Jackson M.S., CCC-SLP, BCS-S, IBCLC, CNT</i> <b>Latrogenic Injuries in Pediatric Airway - "Primum Non Nocere" - Lessons Learnt (RECORDED)</b> <i>Deepa Shivnani MBBS, DNB ENT</i> <b>Pediatric Tracheostomy Code Blue - A New Safety Initiative (RECORDED)</b> <i>Deepa Shivnani MBBS, DNB ENT</i>

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9:00–9:50AM - Main Room Auditorium 1620

## Abstract Session 1

**Moderator:** Deepak Mehta, MD (Past President 2018) and Cheryl Hersch, SLP

**Speakers:** Erika Stephens, BA; Julia Welc, MA, CCC-SLP; Brian Herrmann, MD; Susan Gibbons, AuD; Amy Szarkowski, PhD; Hannah J. Tahhan-Jackson, M.S., CCC-SLP, BCS-S, IBCLC, CNT; Deepa Shivnani MBBS, DNB ENT

**Description:** This SENTAC abstract session is a culmination of academic reports, reviews, and basic science on children with audiologic, swallowing, feeding, and airway concerns. This is aimed to integrate the knowledge base of a wide audience of speech and language pathologists, audiologists, otolaryngologists and advanced practice providers. This audience should be able to better understand integral aspects of each respective field in terms of diagnosis and management of various conditions of the ear, nose and throat in children.

**Objectives:** From these abstracts the audience should:

1. Understand how to better treat pediatric conditions related to hearing disorders in children.
2. Identify strategies to manage swallowing disorders in children exposed afflictions of the aerodigestive tract.
3. Understand complex otolaryngology conditions in children and develop treatment algorithms in unique areas of pediatric ENT care.

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9:50–10:00am	<b>Gray Humanitarian Award - Presented to Paige Stringer MS, MPH</b>
10:00–10:25am	<b>Break with Exhibitors / Poster Session</b>
10:30–11:25am	<b>Panel: Finding a Path: Navigating Challenging Social Circumstances in Pediatric Care - Supported by ASPO</b>

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10:30–11:25AM - Main Room Auditorium 1620

## Panel: Finding a Path: Navigating Challenging Social Circumstances in Pediatric Care - Supported by ASPO

**Introduced By:** Julie Wei; Daniela Carvalho MD

**Moderator:** Madison Howe, AuD

**Speakers:** Madison Howe, AuD; Soham Roy, MD; Erin Prendergast; Patti Martin Ph.D., CCC-A

**Description:** In the multidisciplinary care of children, social issues often impact a child's ability to access high quality care. These situations might include complex extended family situations, economic and housing instability, food insecurity and governmental or non-familial home situations. In this panel, specialists from multiple disciplines including Otolaryngology, Audiology,

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Speech Pathology and Child Life Services will discuss the many complex social situations that affect a child's health outcomes for Ear, Nose and Throat conditions, and discuss in an open and engaging format strategies to work with children in difficult social circumstances.

**Objectives:** From these abstracts the audience should:

1. To identify challenges faced by clinicians related to social circumstances in pediatric care.
2. To identify resources available to assist in the difficult social circumstance when it occurs.
3. To outline strategies for overcoming the multiple challenges faced in regards to social circumstances in pediatric ear, nose and throat care.

11:25–11:30am	<b>Presidential Reflections</b>
11:30am–12:30pm	<p><b>Breakout Session 1   Difficult Cases: Aerodigestive Disorders</b></p> <p><b>Clinical and Surgical Management of Neonatal Esophageal Dysphagia</b>  <i>Kimberly Morris M.S. CCC-SLP, BCS-S, IBCLC</i></p> <p><b>Management of New Onset Pharyngeal Phase Dysphagia Following Double Aortic Arch Revision and Tracheopexy</b>  <i>Kayla Hernandez MS, CCC-SLP, BCS-S</i></p>
11:30am–12:30pm	<p><b>Feeding and Secretion Control in Hemifacial Microsomia Patient with 22q Deletion</b>  <i>Michael McCormick MD</i></p> <p><b>Identification of Herpes Simplex Virus via FEES in Post Operative Congenital Heart Disease Neonate</b>  <i>Kimberly Morris M.S. CCC-SLP, BCS-S, IBCLC</i></p>

11:30AM–12:30PM - 1631

## **Breakout Session 1 | Difficult Cases: Aerodigestive Disorders**

**Moderator:** Joan Arvedson, SLP (Past President 2008) and Taher Valika, MD

**Speakers:** Kimberly Morris M.S. CCC-SLP, BCS-S, IBCLC; Kayla Hernandez MS, CCC-SLP, BCS-S; Michael McCormick; Kimberly Morris M.S. CCC-SLP, BCS-S, IBCLC

**Description:** This SENTAC session is designed to provide quality education around challenging cases in the field of speech pathology. The plan is to provide a detailed cases of a complicated nature to spur discussion and controversy in the field of swallowing and articulation disorders in children. Participants are asked to engage by asking questions and providing feedback on test interpretation and management strategies. This is an active learning course for the presenter and audience in advance areas of speech and language pathology. This is the first time SENTAC has created a Difficult Case format that should provide valuable information to participants.

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## Objectives:

1. Gain in depth knowledge on diagnostic strategies for children with complex speech and language conditions outside the typical spectrum of disorders encountered in the field.
2. Acquire new concepts and management approaches to challenging cases of discordant swallowing and speech in children.
3. Be able to discover how speech and swallowing issues in children are never simple and have a variety of diagnostic and treatment approaches.

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11:30am–12:30pm	<p><b>Breakout Session 2   Difficult Cases: Hearing and Balance</b></p> <p><b>Bilateral Vestibular Hypofunction in the Pediatric Population</b> <i>Megan Cherry Au.D., CCC-A</i></p> <p><b>Pediatric Tinnitus: Evidence-Based Practice with a Flexible Framework</b> <i>Lauren Fein Au.D, CCC-A</i></p> <p><b>Functional Intervention for Children with Single-Sided Deafness and a Cochlear Implant</b> <i>Arielle Berne MA, CCC-SLP</i></p> <p><b>Functional Neurologic Disorder and Cochlear Implant Candidacy</b> <i>Michael Jackson AuD</i></p>
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11:30AM–12:30PM - 1632

## Breakout Session 2 | Difficult Cases: Hearing and Balance

**Moderator:** Barbra Novak, AuD (SENTAC Board Member) and Sharon Cushing MD

**Speakers:** Megan Cherry Au.D., CCC-A; Lauren Fein Au.D, CCC-A; Arielle Berne MA, CCC-SLP; Michael Jackson AuD

**Description:** This SENTAC session is designed to provide quality education around challenging cases in audiology. The plan is to provide multiple detailed cases of a complicated nature that spurs discussion and controversy in the fields hearing and balance in children. Participants are asked to engage by asking questions and providing feedback on test interpretation and management strategies. This is an active instructional process for the presenter and audience in advance areas audiology. This is the first time SENTAV has created a Difficult Case format that should provide valuable information to participants.

**Objectives:** By the end of SENTAC's Difficult Case session, audience participant should:

1. Gain in depth knowledge on diagnostic strategies for children with complex hearing conditions outside the typical spectrum of disorders encountered in the field.
2. Acquire new concepts and management approaches to challenging cases of discordant hearing and balance in children of a variety of ages.
3. Be able to discover how audiologic issues in children are never simple and have a variety of diagnostic and treatment approaches.

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11:30am–12:30pm	<p><b>Abstract Session 2 (ENT)</b></p> <p><b>Pediatric Tonsillectomy and Adenoidectomy: How Do We Care For You at Home?</b> <i>Suzanne Hanlon BSN, RN, CPN</i></p> <p><b>Efficacy of Tympanostomy Tube Placement with Adjuvant Adenoidectomy in Children Less Than 4 years of Age</b> <i>Aleeya Shareef BS and Tyler Langenfeld BA</i></p> <p><b>A Complicated Post-Operative Course May Predict Post-Tonsillectomy Hemorrhage: A Large Database Analysis</b> <i>Haley Wissler BS</i></p> <p><b>The Role of Lingual Tonsillectomy in Pediatric Chronic Upper Airway-related Symptoms Refractory to Treatment</b> <i>Camryn Marshall</i></p> <p><b>Nasal Chondromesenchymal Hamartoma: A Peculiar Tumor</b> <i>Megan Ballard MD</i></p>
11:30am–12:30pm	<p><b>Predictors of Overnight Postoperative Respiratory Complications in Obese Children Undergoing Adenotonsillectomy for Obstructive Sleep Apnea</b> <i>Tonya Lee</i></p> <p><b>Evaluating Obesity as a Risk Factor for Complications After Pediatric Adenotonsillectomy</b> <i>Holly Cordray BS</i></p>

11:30AM–12:30PM - Main Room Auditorium 1620

## Abstract Session 2 (ENT)

**Moderator:** Steven Handler, MD (Past President 1986) and Bitu Naimi, MD

**Speakers:** Suzanne Hanlon BSN, RN, CPN; Aleeya Shareef, BS; Tyler Langenfeld, BA; Haley Wissler BS; Camryn Marshall; Megan Ballard MD; Tonya Lee; Holly Cordray BS

**Description:** This SENTAC abstract session is a culmination of academic reports, reviews, and basic science on children with audiologic, swallowing, feeding, and airway concerns. This is aimed to integrate the knowledge base of a wide audience of speech and language pathologists, audiologists, otolaryngologists and advanced practice providers. This audience should be able to better understand integral aspects of each respective field in terms of diagnosis and management of various conditions of the ear, nose and throat in children.

**Objectives:** From these abstracts the audience should:

1. Understand how to better treat pediatric conditions related to hearing disorders in children.

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2. Identify strategies to manage swallowing disorders in children exposed afflictions of the aerodigestive tract.
3. Understand complex otolaryngology conditions in children and develop treatment algorithms in unique areas of pediatric ENT care.

12:30–1:20pm	<b>Lunch with Industry Partners</b>
1:20–2:15pm	<b>Panel: Hyperacusis, Tinnitus, Misophonia, Oh My: A Multidisciplinary Panel on Pediatric Sound Sensitivities</b>

1:20–2:15PM - Main Room Auditorium 1620

**Panel: Hyperacusis, Tinnitus, Misophonia, Oh My: A Multidisciplinary Panel on Pediatric Sound Sensitivities**

**Introduced By:** Udayan Shah, MD

**Moderator:** Yell Inverso, AuD, PhD

**Speakers:** Yell Inverso, AuD, PhD; Jenna Briddell, MD; Karen Banker, PA-C; Michael Hoffman, PhD

**Description:** Pediatric sound sensitivities inclusive of tinnitus, hyperacusis and misophonia will be discussed from different multidisciplinary perspectives.

**Objectives:**

1. Define and differentiate between tinnitus, hyperacusis and misophonia in the pediatric population.
2. Identify roles of team members from different disciplines.
3. Discuss intervention and therapeutic options for this unique patient population.

2:15–2:20pm	<b>Presidential Reflections (Then and Now)</b>
2:20–2:30pm	<b>Stool Teaching Award - Presented to Patrick Barth MD</b>
2:30–3:15pm	<p><b>Abstract Session 3 (Fast Pass)</b></p> <p><b>Hearing Loss in Patients with 22q11.2 Deletion Syndrome: A Review of 689 Patients</b> <i>Lori Yaktine AuD</i></p> <p><b>Outcomes of Bone-Anchored Hearing Implant Surgery in Syndromic and Non-Syndromic Pediatric Patients</b> <i>Samer Salameh B.Sc.</i></p> <p><b>Outcomes of Cochlear Implantation in Patients with Auditory Neuropathy Spectrum Disorder</b> <i>Chandler Bennett MD</i></p>

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2:30–3:15pm	<p><b>Tympanoplasty Outcomes in Children with Prior Cleft Palate Repair</b> <i>Abigail Watson</i></p> <p><b>The Utility of Non-occlusive Balloon Dilation in Paediatric Laryngotracheal Stenosis: A 30 month Retrospective Review</b> <i>Reuel Maina MD</i></p> <p><b>Implementation of Screening Ultrasound Protocol for Vocal Cord Immobility After Patent Ductus Arteriosus Ligation in the NICU of a Tertiary Hospital</b> <i>Daniel Newman BS</i></p> <p><b>Recurrent Laryngeal Nerve Reinnervation and Pediatric Dysphagia Outcomes</b> <i>Stephen Chorney MD, MPH</i></p>
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2:30–3:15PM - Main Room Auditorium 1620

### **Abstract Session 3 (Fast Pass)**

**Moderator:** Ravi Elluru, MD (Past President 2014) and Megan Cherry, AuD

**Speakers:** Jill Arganbright, MD; Samer Salameh, B.Sc; Chandler Bennett, MD; Abigail Watson; Reuel Maina, MD; Daniel Newman, BS; Stephen Chorney MD, MPH

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3:15–3:20pm	<b>Presidential Reflections</b>
3:20–3:40pm	<b>Break with Exhibitors and Posters</b>
3:40–4:30pm	<p><b>Abstract Session 4 (Multidisciplinary)</b></p> <p><b>Validation of the Spanish and Chinese Versions of the Scale of Parental Involvement and Self-Efficacy (SPISE)</b> <i>Inderpreet Kaur MS</i></p> <p><b>Impact of a Dedicated In-Person Spanish Interpreter on No-Show Rates in a Pediatric Otolaryngology Ambulatory Clinic</b> <i>Laura Rosenthal MD, FAAP</i></p> <p><b>A Multidisciplinary Quality Improvement Project to Improve Adherence to Chemotherapy Ototoxicity Monitoring Protocol in Pediatric Patients</b> <i>Laurie Newton DNP, RN, CPNP-AC,PC</i></p> <p><b>Association of Pediatric Hearing Impairment &amp; School Engagement Outcomes in a US Population-Based Study</b> <i>Inderpreet Kaur MS</i></p> <p><b>A QI Project to Improve Patient Outcomes and Maternal Satisfaction after Office Frenotomy</b> <i>Terri Giordano DNP, CRNP, CORLN</i></p> <p><b>Challenges in Collaborative, Multidisciplinary Laryngeal Cleft Management in a Joint ORL and SLP Dysphagia Clinic</b> <i>Hannah J. Tahhan-Jackson M.S., CCC-SLP, BCS-S, IBCLC, CNT</i></p> <p><b>Assessing the Impact of COVID-19 Precautions on Classroom Communication for Adolescents with Hearing Loss: A Qualitative Study</b> <i>Lindsay Booth</i></p>

3:40–4:30PM - Main Room Auditorium 1620

### **Abstract Session 4 (Multidisciplinary)**

**Moderator:** William Gibson, MD (Past President 1996) and Hannah Tahhan-Jackson, SLP

**Speakers:** Inderpreet Kaur, MS; Laura Rosenthal MD, FAAP; Laurie Newton DNP, RN, CPNP-AC,PC; Inderpreet Kaur, MS; Terri Giordano DNP, CRNP, CORLN; Hannah J. Tahhan-Jackson M.S., CCC-SLP, BCS-S, IBCLC, CNT; Lindsay Booth, BSc(Hons)

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audiologists, otolaryngologists and advanced practice providers. This audience should be able to better understand integral aspects of each respective field in terms of diagnosis and management of various conditions of the ear, nose and throat in children.

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4:30–5:30pm	<b>Panel: Gender Affirming Practices in the Pediatric Population</b>
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4:30–5:30PM - Main Room Auditorium 1620

### **Panel: Gender Affirming Practices in the Pediatric Population**

**Introduced By:** Anthony Magit, MD

**Moderator:** Paula Barson MA, CCC-SLP

**Speakers:** Miriam Langer, MD; Wendy Mackey; DNP, APRN-BC, CORLN; Madison Howe, AuD; Katelyn Regan, Paula Barson MA, CCC-SLP

**Description:** This panel including a physician, nurse practitioner, social worker, audiologist, and speech-language pathologist will share perspectives and discuss the benefits of a multidisciplinary approach in tailoring a gender-affirming care plan to meet the medical, surgical, psychosocial, and voice-based needs of patients and their families.

**Objectives:**

1. The audience will define gender affirmation and gender dysphoria.
2. The audience will label 3 members of a multidisciplinary medical team and their roles in providing gender affirming care to the pediatric population.
3. The audience will provide 3 ways gender affirming care of the pediatric population differs from that provided to adults.

5:30–5:50pm	<b>Break</b>
5:50–6:00pm	<b>Presidential Award Presentations</b>
6:00–7:30pm	<b>Trivia Bowl   Sponsored by Comfort Ear</b> (non CME activity) <div style="float: right; text-align: right;">  </div>

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# Saturday | December 3rd

7:00–7:45am	<b>Breakfast</b>
7:45–8:00am	<b>Welcome and Introduction</b>
8:00–9:10am	<b>Panel: International Panel: Global Perspectives in Pediatric Tracheostomy Care   Supported by Texas Children's Hospital</b> 

8:00–9:10AM - Main Room Auditorium 1620

## **Panel: International Panel: Global Perspectives in Pediatric Tracheostomy Care - Supported by Texas Children's Hospital**

**Introduced By:** Anna Messner, MD; Deepak K Metha, MD

**Moderator:** Sohit Kanotra, MD

**Speakers:** Ravi Thevasagayam, MD; Abdullah Al-Bader BM BCh, FRCSC, FARS; Reuel Maina MD; Kosaku Maeda MD; Sohit Kanotra MD; Paula Tellez MD

**Description:** Globally, multidisciplinary coordinated care for the management of children with Tracheostomy is being recognized. Protocol standardization, staff and parent education and community involvement are increasingly becoming standard of care. However, significant challenges exist especially in the setting of low resource allocation. Outcomes and adverse events vary significantly across different health care systems.

This international committee sponsored panel will include panelists from around the globe to discuss challenges faced in both low and high resource settings in the management of children with tracheostomy and to discuss the methods to increase collaboration and standardization.

### **Objectives:**

1. To understand management of pediatric patients with Tracheostomy in different healthcare systems from across the world
2. To overview the technique, perioperative, operative and post operative protocols for management of Pediatric Tracheostomy patients from different countries
3. To review healthcare system specific patient safety initiatives and community resources for children with Tracheostomy.

9:10–9:15am	<b>Presidential Reflections (Then and Now)</b>
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<p>9:15–10:05am</p>	<p><b>Abstract Session 5</b></p> <p><b>Creation of Epic flowsheets to Accept Discrete Data from AudBase via Transfer from Audiometric Clinical Equipment</b> <i>Yell Inverso AuD., PhD, ABAC</i></p> <p><b>Surgeon and Patient Noise Exposures During Common Pediatric Otolaryngologic Procedures</b> <i>Leyn Shakhtour BS and Nicklas Orobello MD</i></p> <p><b>Social Determinants of Otitis Media Treatment in a Commercially Insured Population</b> <i>Z. Jason Qian MD</i></p> <p><b>The Effect of Drug Induced Sleep Endoscopy on Surgical Decision Making in Otherwise Healthy Children with Sleep Disordered Breathing: A Prospective Cohort Study</b> <i>Malak Gazzaz MBBS, FRCSC</i></p> <p><b>Emergency Cricothyrotomy Simulation – Using a Porcine Model for Resident Education</b> <i>Joseph Berry BS</i></p> <p><b>Public Knowledge of Button Battery Ingestions: A Social Media Based Cross-sectional Analysis</b> <i>Justine Philteos</i></p> <p><b>Usher Syndrome IIIA: A Review of the Disorder and Preclinical Research Advances in Therapeutic Approaches</b> <i>Azmi Marouf MD</i></p>
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9:15–10:05AM - Main Room Auditorium 1620

## Abstract Session 5

**Moderator:** Seth Pransky, MD (Past President 2007) and Kayla Nevala, APRN

**Speakers:** Yell Inverso AuD., PhD, ABAC; Leyn Shakhtour, BS; Nicklas Orobello, MD; Z. Jason Qian, MD; Malak Gazzaz MBBS, FRCSC; Joseph Berry, BS; Justine Philteos; Azmi Marouf, MD

**Description:** This SENTAC abstract session is a culmination of academic reports, reviews, and basic science on children with audiologic, swallowing, feeding, and airway concerns. This is aimed to integrate the knowledge base of a wide audience of speech and language pathologists, audiologists, otolaryngologists and advanced practice providers. This audience should be able to better understand integral aspects of each respective field in terms of diagnosis and management of various conditions of the ear, nose and throat in children.

**Objectives:** From these abstracts the audience should:

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1. Understand how to better treat pediatric conditions related to hearing disorders in children.
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3. Understand complex otolaryngology conditions in children and develop treatment algorithms in unique areas of pediatric ENT care.

10:05–10:15am	<b>Ruben Scientific Achievement Award - Presented to Joseph Kerschner MD</b>
10:15–10:40am	<b>Break with Exhibitors and Posters</b>
10:40–11:40am	<b>Keynote Speaker - Lou Ferrigno</b>
11:45–11:50am	<b>Presidential Reflections</b>
11:50am–12:30pm	<p><b>Breakout Session 1   Difficult Cases: Aerodigestive Disorders</b></p> <p><b>Dysphagia and Dysphonia as a part of Long COVID</b> <i>Jason Brown DO</i></p> <p><b>Viscosity Weaning following Type 1 Laryngeal Cleft Within a Complex Respiratory History</b> <i>Sarah McConnell SLP</i></p> <p><b>When Is It Too Late Too Learn: Teaching An Adolescent oral feeding Skills</b> <i>Abigail Rosenberg MA, CCC-SLP; Susan M. McCormack, MA, CCC-S, BCS-S</i></p>

11:50AM–12:30PM - HUB 1632

## **Breakout Session 1 | Difficult Cases: Aerodigestive Disorders**

**Moderator:** Susan Gray, SLP (Past President 1982), Joan Arvedson, SLP (Past President 2008) and Doug Sidel, MD

**Speakers:** Jason Brown, DO; Sarah McConnell, SLP; Abigail Rosenberg, MA, CCC-SLP; Susan M. McCormack, MA, CCC-S, BCS-S

**Description:** This SENTAC session is designed to provide quality education around challenging cases in the field of speech pathology. The plan is to provide a detailed cases of a complicated nature to spur discussion and controversy in the field of swallowing and articulation disorders in children. Participants are asked to engage by asking questions and providing feedback on test interpretation and management strategies. This is an active learning course for the presenter and audience in advance areas of speech and language pathology. This is the first time SENTAC has

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created a Difficult Case format that should provide valuable information to participants.

**Objectives:**

1. Gain in depth knowledge on diagnostic strategies for children with complex speech and language conditions outside the typical spectrum of disorders encountered in the field.
2. Acquire new concepts and management approaches to challenging cases of discordant swallowing and speech in children.
3. Be able to discover how speech and swallowing issues in children are never simple and have a variety of diagnostic and treatment approaches.

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11:50am–12:30pm	<p><b>Breakout Session 2   Difficult Cases: Hearing and Balance</b></p> <p><b>Driver Education and Teen Hearing Loss</b> <i>Hannah Hodson McLean Au.D</i></p> <p><b>A Horse Amongst Zebras: A Case of Coexisting Vestibular Disorders</b> <i>Arielle Darvin Au.D</i></p>
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11:50AM–12:30PM - HUB 1631

**Breakout Session 2 | Difficult Cases: Hearing and Balance**

**Moderator:** Vicky Papaioannou, AuD (SENTAC Treasurer Elect) and Patti Martin, AuD

**Speakers:** Hannah Hodson McLean, Au.D; Arielle Darvin, Au.D

**Description:** This SENTAC session is designed to provide quality education around challenging cases in audiology. The plan is to provide multiple detailed cases of a complicated nature that spurs discussion and controversy in the fields hearing and balance in children. Participants are asked to engage by asking questions and providing feedback on test interpretation and management strategies. This is an active instructional process for the presenter and audience in advance areas audiology. This is the first time SENTAV has created a Difficult Case format that should provide valuable information to participants.

**Objectives:** By the end of SENTAC’s Difficult Case session, audience participant should...

1. Gain in depth knowledge on diagnostic strategies for children with complex hearing conditions outside the typical spectrum of disorders encountered in the field.
2. Acquire new concepts and management approaches to challenging cases of discordant hearing and balance in children of a variety of ages.
3. Be able to discover how audiologic issues in children are never simple and have a variety of diagnostic and treatment approaches.

11:50am–12:30pm	<p><b>Abstract Session 6 (ENT)</b></p> <p><b>Implementation and Comparison of Tracheostomy Care Curricula for Pediatric Residents</b> <i>Christine Campisi BA</i></p> <p><b>Risk Factors for Respiratory Infections Following Tracheostomy in Pediatric Patients</b> <i>Derek Kao BS</i></p> <p><b>Cost and Outcome Differences in External versus Internal Mandibular Distraction Osteogenesis in Infants with Robin Sequence</b> <i>Vibhav Prakasam BS</i></p> <p><b>In-depth Analysis Using Next-generation Sequencing (NGS) and Bioinformatics Results in Pediatric ADGRV1 Compound Heterozygotes</b> <i>Sloane Clay BS</i></p> <p><b>Single- and Double-Staged Laryngotracheal Reconstruction: Ten Year Experience from a Single Institution</b> <i>Jason Lee MD, PhD</i></p> <p><b>Can Feeding Outcomes be Used to Predict Gastrostomy Tube Use in Tracheostomy Dependent Infants?</b> <i>Peng You MD</i></p> <p><b>Is Congenital Laryngomalacia Associated with Low Serum Vitamin D Levels in Infants and Their Mothers?</b> <i>Nancy Bauman MD</i></p>
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11:50AM–12:30PM - Main Room Auditorium 1620

## Abstract Session 6 (ENT)

**Moderator:** Christina Rappazzo, SLP (SENTAC President Elect) and Patrick Scheffler, MD

**Speakers:** Christine Campisi, BA; Derek Kao, BS; Vibhav Prakasam, BS; Sloane Clay, BS; Jason Lee MD, PhD; Peng You MD, Nancy Bauman MD

**Description:** This SENTAC abstract session is a culmination of academic reports, reviews, and basic science on children with audiologic, swallowing, feeding, and airway concerns. This is aimed to integrate the knowledge base of a wide audience of speech and language pathologists, audiologists, otolaryngologists and advanced practice providers. This audience should be able to better understand integral aspects of each respective field in terms of diagnosis and management of various conditions of the ear, nose and throat in children.

**Objectives:** From these abstracts the audience should:

1. Understand how to better treat pediatric conditions related to hearing disorders in children.
2. Identify strategies to manage swallowing disorders in children exposed afflictions of the aerodigestive tract.

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3. Understand complex otolaryngology conditions in children and develop treatment algorithms in unique areas of pediatric ENT care.

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12:30–1:20pm	<b>SENTAC Member Business Meeting</b>
12:30–1:20pm	<b>Lunch with Industry Partners</b>
1:25–2:20pm	<b>Cleft Journalism Part 2: So You Earned a Spot on the Cleft Team, Now What? An In-depth Look</b>

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1:25–2:20PM - Main Room Auditorium 1620

### **Cleft Journalism Part 2: So You Earned a Spot on the Cleft Team, Now What? An In-depth Look**

**Introduced By:** Robert J. Shprintzen; Cynthia Solot, MA, CCC-SLP

**Moderator:** Brianne Roby, MD

**Speakers:** Zahrah Taufique, MD, MPH; Nicole Banick, PA-C; Noelle Morrell, MA, CCC-SLP; Jessica Novak, AuD; Brianne Roby MD

**Description:** In Part 1 of The Journalism of Cleft Team, the discussion focused on steps to become involved in a multidisciplinary cleft and craniofacial team. This panel will discuss the different training and education that can help develop the expertise as a member on the cleft and craniofacial team. We will focus on key members of a multidisciplinary team and how they developed that expertise.

**Objectives:**

1. To understand the education and training of cleft team members, including speech therapy and audiology, as you develop a cleft and craniofacial team
  2. To discuss the integration of APPs and other team members to successfully build a cleft and craniofacial team
  3. To review the resources available for additional training to new members on a multi-disciplinary team so that they can become the “experts”
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<p>2:30–3:15pm</p>	<p><b>Abstract Session 7</b></p> <p><b>Increasing Demand for “Lip Tie” Division: Parental Sources and Perceptions</b> <i>Austin Knorz BS</i></p> <p><b>Disparities in Access for Diagnosis and Treatment of Pediatric Sensorineural Hearing Loss in Different Countries</b> <i>Jacquelyn DeVries MD</i></p> <p><b>Characterization of Dysphagia in Infants with Laryngomalacia</b> <i>Kelly Atherton</i></p> <p><b>Fluctuating Hearing Loss in EVAS: To Treat or Not Treat? – A Systematic Review of Treatment Options and Their Outcomes.</b> <i>Ching Yee Chan MD, MBBS</i></p> <p><b>Assessment of Impact of Sociodemographic Disparities in Speech And Language Outcomes For Children With Cochlear Implantation In Diverse Pediatric Cohort</b> <i>Elizabeth Liao BA</i></p> <p><b>Team Approach to Management of Newborn Auricular Malformation</b> <i>Tien Pham APRN, CPNP-AC</i></p> <p><b>Advances in Auditory Neuropathy Spectrum Disorder Diagnosis and Management: A 15-year Review</b> <i>Thierry Morlet PhD</i></p>
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2:30–3:15PM - Main Room Auditorium 1620

## Abstract Session 7

**Moderator:** Alan Seid, MD (Past President 1984) and Jessica Novak, AuD

**Speakers:** Austin Knorz BS; Jacquelyn DeVries MD; Kelly Atherton; Ching Yee Chan MD, MBBS; Elizabeth Liao BA; Tien Pham APRN, CPNP-AC; Thierry Morlet PhD

**Description:** This SENTAC abstract session is a culmination of academic reports, reviews, and basic science on children with audiologic, swallowing, feeding, and airway concerns. This is aimed to integrate the knowledge base of a wide audience of speech and language pathologists, audiologists, otolaryngologists and advanced practice providers. This audience should be able to better understand integral aspects of each respective field in terms of diagnosis and management of various conditions of the ear, nose and throat in children.

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1. Understand how to better treat pediatric conditions related to hearing disorders in children.
2. Identify strategies to manage swallowing disorders in children exposed afflictions of the aerodigestive tract.

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3. Understand complex otolaryngology conditions in children and develop treatment algorithms in unique areas of pediatric ENT care.

3:15–3:20pm	<b>Presidential Reflections</b>
3:20–3:30pm	<b>The Dana M. Thompson Diversity, Equity &amp; Inclusion Award - Presented to Earl Harley MD</b>
3:30–3:55pm	<b>Break with Exhibitors and Posters</b>
4:00–4:50pm	<p><b>Breakout Session 1   ENT Abstracts</b></p> <p><b>Opioid Prescribing Trends After Major Pediatric Ear Surgery: A 12-year Analysis</b> <i>Holly Cordray BS</i></p> <p><b>Outcomes of Pediatric Patients with Invasive Fungal Rhinosinusitis</b> <i>Madhavi Murali</i></p> <p><b>Routine Screening for Sleep Apnea in the Pediatric Population</b> <i>Elizabeth Crowder</i></p> <p><b>Characteristics of Political Contributions by Self-Described Otolaryngologists in the United States</b> <i>Matthew Mitchell, BS; Ayomide Isola-Gbenla, MS</i></p>

4:00–4:50PM - HUB 1631

## **Breakout Session 1: ENT Abstracts**

**Moderator:** Patrick Barth, MD (Past President 2019) and Megan Gaffey, MD

**Speakers:** Holly Cordray, BS; Madhavi Murali; Elizabeth Crowder; Matthew Mitchell, BS; Ayomide Isola-Gbenla, MS

**Description:** This SENTAC abstract session is a culmination of academic reports, reviews, and basic science on children with audiologic, swallowing, feeding, and airway concerns. This is aimed to integrate the knowledge base of a wide audience of speech and language pathologists, audiologists, otolaryngologists and advanced practice providers. This audience should be able to better understand integral aspects of each respective field in terms of diagnosis and management of various conditions of the ear, nose and throat in children.

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4:00–4:50pm	<p><b>Breakout Session 2   ENT Abstracts</b></p> <p><b>Outcomes after Total Thyroidectomy in the Pediatric Population at a High-Volume Pediatric Thyroid Center of Excellence</b> <i>Gabriela Heslop MD</i></p> <p><b>Factors Influencing Quality of Life in Tracheostomized Children with Emphasis on Home Care: A Multicenter Investigation</b> <i>Azmi Marouf MD</i></p> <p><b>Educational Program for Caregivers of Children with Tympanostomy Tube Otorrhea: Impact on Caregiver Self-Efficacy and Clinical Outcomes</b> <i>Wendy Mackey DNP, APRN-BC, CORLN</i></p> <p><b>Noise Exposure in Pediatric Otolaryngology Clinic: A Sound Survey of a Single-institution Tertiary Care Facility</b> <i>David Allen MD</i></p> <p><b>Supraglottitis, An Unusual Complication after Adenotonsillectomy in a Child</b> <i>Steven Leoniak MD</i></p>
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4:00–4:50PM - HUB 1632

## Breakout Session 2: ENT Abstracts

**Moderator:** Kate Ammon, MSN CRNP (SENTAC Board member) and Ryan Borek, MD

**Speakers:** Gabriela Heslop, MD; Azmi Marouf, MD; Wendy Mackey, DNP, APRN-BC, CORLN; David Allen, MD; Steven Leoniak, MD

**Description:** This SENTAC abstract session is a culmination of academic reports, reviews, and basic science on children with audiologic, swallowing, feeding, and airway concerns. This is aimed to integrate the knowledge base of a wide audience of speech and language pathologists, audiologists, otolaryngologists and advanced practice providers. This audience should be able to better understand integral aspects of each respective field in terms of diagnosis and management of various conditions of the ear, nose and throat in children.

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4:00–4:50pm	<p><b>Abstract Session 8 (Multidisciplinary)</b></p> <p><b>Integrating Psychology Services into Pediatric Audiology/Otolaryngology Clinics: A Model of Care for Deaf and Hard of Hearing Patients</b> <i>Michael Hoffman PhD</i></p> <p><b>Auditory Brainstem Response Characteristics in Pediatric Enlarged Vestibular Aqueduct</b> <i>Thierry Morlet PhD</i></p> <p><b>Mixed Methods Study of Factors that Impact Success of Natural-sleep ABR in a Diverse Patient Cohort</b> <i>Elizabeth Liao BA</i></p> <p><b>Cochlear Implantation Outcomes in Children with Cochlea Nerve Aplasia or Hypoplasia</b> <i>Leyn Shakhtour BS</i></p> <p><b>Positive Impact of Continuous Interval Auditory Processing Assessment and Intervention over Childhood: a Twenty Year Review</b> <i>Daniel Wohl MD</i></p> <p><b>Review of an Advanced Practitioner and Speech Pathology Directed Multidisciplinary Neonatal Feeding Clinic</b> <i>Steven Andreoli MD</i></p> <p><b>Use of App-Based Technology for Remote Cochlear Implant and Bone Conduction Care</b> <i>Catherine Moyer, AuD; Keri Colio, AuD</i></p>
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4:00–4:50PM - Main Room Auditorium 1620

## Abstract Session 8 (Multidisciplinary)

**Moderator:** Bob Ruben, MD (Past President 1973 and 1974) and Shannon Doolittle, AuD

**Speakers:** Michael Hoffman, PhD; Thierry Morlet, PhD; Elizabeth Liao, BA; Leyn Shakhtour, BS; Daniel Wohl, MD; Steven Andreoli, MD; Catherine Moyer, AuD; Keri Colio, AuD

**Description:** This SENTAC abstract session is a culmination of academic reports, reviews, and basic science on children with audiologic, swallowing, feeding, and airway concerns. This is aimed to integrate the knowledge base of a wide audience of speech and language pathologists, audiologists, otolaryngologists and advanced practice providers. This audience should be able to better understand integral aspects of each respective field in terms of diagnosis and management of various conditions of the ear, nose and throat in children.

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4:50–4:55pm	<b>Presidential Reflections</b>
5:00–5:50pm	<b>Panel: The Role of Multidisciplinary Teams in Supporting Care Transitions - Supported by Cincinnati Children's Hospital</b>

5:00–5:50PM - Main Room Auditorium 1620

## **Panel: The Role of Multidisciplinary Teams in Supporting Care Transitions - Supported by Cincinnati Children's Hospital**

**Introduced By:** Sally Shott MD (Past President) and Daniel Choo, MD (Division Chief)

**Moderator:** Gregory C. Allen, MD

**Speakers:** Maureen Andrews, APRN, MSN; Jill Argenbright, MD; Jamie Idelberg, BS, RDH; Kara Larson, MS, CCC-SLP; Jennifer Maybee, OTR MA CCC-SLP

**Description:** Pediatric multidisciplinary teams provide care spanning from the neonatal period to adulthood, and the lived experience of a chronic condition can be expected to change for patients and families over the course of development. An often-overlooked responsibility of teams is identifying care needs and supporting patients and families through care and life transitions. This panel will present a discussion related to transitions across conditions frequently supported by multidisciplinary teams across the age span. Tools to aid in supporting these and other transitions will be presented. Obstacles and challenges to supporting transitions will be discussed. Our hope is to encourage providers of all specialties involved in multidisciplinary team care to think about the transitions that matter the most in their populations and to offer resources to better support our patients and their families.

### **Objectives:**

1. Review principles and goals of care transitions and patient/family lived experience of care transitions from qualitative research.
2. Identify the variety of care transitions affecting patients and families with complex medical conditions.
3. Discuss resources, potential care pathways, creative programming and assessment tools available to support life-staged transitions.

5:50–7:00pm	<b>Break</b>
7:00pm–Midnight	<b>Presidential Celebration Dinner at World Café Live</b>



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