

Title: 2025 Pediatric Otolaryngology Research Symposium

Speakers: Charles Elmaraghy, MD, Tendy Chiang, MD, Oliver Adunka, MD, Matt Kielt, MD, Prashant Malhotra, MD, Lauren Durinka, AuD, Thomas Lynch, PhD, Reshabh Sethia, MD, Jeanette Taveras, DO, Michael Rutter, MD, Anna M. Braam, AuD, Gina Vasiloff, SLP, Robert Macielak, MD, Pablo Sanchez, MD, Jennifer Cass, PhD, Christine Schafer, AuD, Lauren Yoshihiro, SLP, Megan McNutt, BS, Molly Meeker, BS, Kolby Quillin, BA, Kelly Giroux, APRN, Zakarie Hussein, STNA, Zialesi Win Adissem, BS, Erin Ling, BS, Melwan Izem, BS, Kolapo Dairo, BA, Hannah Rowlands, RN, Andrea Gates, RN, Brianna Manley, BSN, RN, CPN, Izabela Jamsek, AuD, Christon Hamptom, BSN

Date: April 23, 2025

Time: Conference from 8:00 am to 4:30 pm

Place: Nationwide Children’s Hospital, Columbus, Ohio

Description: The Nationwide Children’s Hospital Pediatric Otolaryngology Research Symposium is a conference that is directed to presenting clinical updates and research for the otolaryngologic care of children. This meeting will include expert panels, multidisciplinary discussions, and strategies to improve quality of care of children.

Learning Objectives:

1. Participants will state the user rate in pediatric single-sided deafness patients who have undergone cochlear implantation.
2. Participants will discuss potential etiologies of why the non-user rate of this population is high.
3. Participants will convey the principles of pediatric imaging for different types of pediatric hearing loss.
4. Participants will list the imaging findings of the most common forms of pediatric hearing loss.
5. Participants will interpret the evidence-based algorithm for determining hearing aid candidacy for children with slight/mild hearing loss.
6. Participants will discuss the clinical pathways for evaluation of auditory processing deficits in children.
7. Participants will describe outcomes of sedated auditory brainstem response testing and understand potential causes of temporary threshold shift.
8. Participants will review and discuss current clinical practice guidelines for the medical and surgical management of otolaryngologic conditions.
9. Participants will discuss novel translational therapies for the management of complex pediatric otolaryngologic disease.
10. Participants will discuss ways to improve communication and collaboration between all members of the healthcare team.
11. The participant will be able to apply information from topics and discussions presented throughout the symposium to encourage retention of information while working with other disciplines and team building during an interactive game.

Time Ordered Agenda:

These sessions will be conducted in person and live streamed one time for virtual participants.

Start Time	End Time	Duration	Topic
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8:00 am	8:30 am	30 minutes	Conference breakfast and check in *
8:30 am	9:00 am	30 minutes	Introduction * <i>Charles Elmaraghy, MD, Tandy Chiang, MD</i>
9:00 am	9:20 am	20 minutes	Pediatric Hearing Loss Imaging Talk ** <i>Oliver Adunka, MD</i>
9:20 am	9:40 am	20 minutes	Improving Respiratory Outcomes in Bronchopulmonary Dysplasia * <i>Matt Kielt, MD</i>
9:40 am	10:20 am	40 minutes	CMV Related Hearing Loss ** <i>Prashant Malhotra, MD (Moderator), Pablo Sanchez, MD, Jennifer Cass, PhD, Christine Schafer, AuD, Lauren Yoshihiro, SLP</i>
10:20 am	10:35 am	15 minutes	Break *
10:35 am	10:55 am	20 minutes	Management of Mild Hearing Loss ** <i>Lauren Durinka, AuD</i>
10:55 am	11:15 am	20 minutes	Airway Regeneration and Repair * <i>Thomas Lynch, PhD</i>
11:15 am	11:35 am	20 minutes	Antimicrobial Therapy in Common ENT Conditions * <i>Reshabh Sethia, MD, Jeanette Taveras, DO</i>
11:35 am	12:35 pm	40 minutes	Lunch
12:35 pm	1:15 pm	40 minutes	Keynote – Surgical Outcomes in Pediatric Head and Neck Surgery * <i>Michael Rutter, MD</i>
1:15 pm	1:35 pm	20 minutes	Auditory Processing Deficits – Pathways for Differential Diagnosis ** <i>Anna M. Braam, AuD, Gina Vasiloff, SLP</i>
1:35 pm	2:20 pm	45 minutes	Tracheal Pursuit – an Interactive Review of presented material ** <i>Brianna Manley, RN, Andrea Gates, RN, Hannah Rowlands, RN, Christon Hampton, BSN</i>
2:20 pm	2:35 pm	15 minutes	Break*
2:35 pm	2:55 pm	20 minutes	Naturalistic Communication Between School-Age Pediatric Hearing Aid Users and Their Parents ** <i>Izabela Jamsek, AuD</i>
2:55 pm	3:15 pm	20 minutes	Cochlear Implantation for Pediatric SSD ** <i>Robert Macielak, MD</i>
3:15 pm	4:15 pm	60 minutes	Student Quick Shots ** <i>Megan McNutt, BS Environmental Risk Factors for Pediatric Craniopharyngioma</i> <i>Molly Meeker, BS How Unmet Social Needs Influence Tympanostomy Tube Time Course</i> <i>Kolby Quillin, BA Multidisciplinary Surgeon Team Approach to Pediatric Endoscopic Septorhinoplasty</i> <i>Kelly Giroux, APRN, Implementation of a Protocol for Manual Myringotomy Tube Insertion Performed In-Office</i> <i>Kelly Giroux, Computer-assisted diagnosis of ear pathologies by combining digital otoscopy with</i>

			<i>complementary data using machine learning: Update Zakarie Hussein, Role of CTHRC1 Expression by Fibroblasts during Airway Repair</i> <i>Zialesi Win Adissem, Impact of Prior Adenoidectomy on Speech Outcomes Following VPD Surgery</i> <i>Erin Ling, BS Exploring a Department-Wide Transition from Total to Intracapsular Tonsillectomy</i> <i>Melwan Izem, BS, Targeting glycolysis in TGF-beta activated fibroblasts to attenuate fibrosis</i> <i>Kolapo Dairo, BA Multidisciplinary Management of Tracheoinnominate Artery Fistula</i>
4:15 pm	4:30 pm	15 minutes	Wrap up and Dismiss *

*ASHA CEUs are **not** available for these sessions

**ASHA CEUs available for speech and Audiology

Tendy Chiang, MD, is an employee of Nationwide Children’s Hospital.

Disclosures:

- Financial: None
- Nonfinancial: None

Charles Elmaraghy, MD, is an employee of Nationwide Children’s Hospital.

Disclosures:

- Financial: Stocks or stock options, excluding diversified mutual funds-Grace Medical| Royalties or Patent Beneficiary-Otologic LLC| Stocks or stock options, excluding diversified mutual funds-Tivic| Royalties or Patent Beneficiary-zotarix llc - 03/19/2025
- Nonfinancial: None

Oliver Adunka, MD is an employee of Nationwide Children’s Hospital.

Disclosures:

- Financial: Royalties or Patent Beneficiary-Advanced Bionics - 01/08/2025
- Nonfinancial: None

Matt Keilt, MD is an employee of Nationwide Children’s Hospital.

Disclosures:

- Financial: None
- Nonfinancial: None

Prashant Malhotra, MD, is an employee of Nationwide Children’s Hospital.

Disclosures:

- Financial: Ownership-Digital Story Therapies, Inc
- Nonfinancial: None

Lauren Durinka, AuD, is an employee of Nationwide Children’s Hospital.

Disclosures:

- Financial: None
- Nonfinancial: None

Thomas Lynch, PhD is an employee of Nationwide Children's Hospital.

Disclosures:

- Financial: None
- Nonfinancial: None

Reshabh Sethia, MD is an employee of Nationwide Children's Hospital.

Disclosures:

- Financial: Paid consultant-Ambu - 02/17/2025
- Nonfinancial: None

Jeanette Taveras, DO is an employee of Nationwide Children's Hospital.

Disclosures:

- Financial: None
- Nonfinancial: None

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Disclosures:

- Financial: None
- Nonfinancial: None

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Disclosures:

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- Nonfinancial: None

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- Nonfinancial: None

Michael Rutter, MD is an employee of Nationwide Children's Hospital.

Disclosures:

- Financial: Royalties or Patent Beneficiary-Spiggle and Theiss - 01/12/2025
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- Nonfinancial: None

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- Nonfinancial: None

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- Nonfinancial: None

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- Nonfinancial: None

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- Nonfinancial: None

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- Nonfinancial: None

Christon Hampton, BSN is an employee of Nationwide Children's Hospital.

- Financial: None
- Nonfinancial: None

Satisfaction of Completion: In order for participants to receive full credit for this course, they must attend the ASHA approved courses, complete the attendance document, and participate in and complete the Tracheal Pursuit quiz. The Tracheal Pursuit quiz assesses the participants knowledge gained from this course.



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No partial credit will be awarded if track is not completed