



8TH ANNUAL

Center for Children's Surgery Research Symposium

Presented by: Center for Children's Surgery

February 21, 2025

9:00am - 4:00pm

Mt. Princeton/Yale, CHCO Conference Center



Children's Hospital Colorado

8th Annual Center for Children's Surgery Research Symposium

Friday, February 21, 2025

Overview and Target Audience

Through specific lectures and discussions led by experts in the field of Surgical Research, the goal of the conference is for participants to enhance their foundation of knowledge and practical research strategies to better care for their patients. This year's Research Symposium will highlight Health Advocacy & Policy and will be of interest to pediatric and adult surgeons, research specialists, registered nurses, advanced practice nurses, and interested care providers in surgical research disciplines.

Educational Objectives

At the conclusion of the activity, participants should be able to identify the advances in:

- Clinical outcomes research with the wide spectrum of surgical disciplines.
- Basic science research with the wide spectrum of surgical disciplines.
- Translational science research with the wide spectrum of surgical disciplines.
- Quality improvement research with the wide spectrum of surgical disciplines.
- Multidisciplinary team science research with the wide spectrum of surgical disciplines.

Registration

Registration is required.

Detailed instructions to participate will be provided.

Completion of the online evaluation is required to obtain CME credit.

Please support our speaker(s) and the accreditation requirement.

This activity is hosted on Continuing Education at Children's Hospital Colorado new learning home for professional education.

Log-In, access the single sign on to start your profile, if you have not already done so. Mobile device is required for mobile check in on the day of the event.

[Register Here](#)

CE home <https://ce.childrenscolorado.org/>

Continuing Education Credit

Medical: Children's Hospital Colorado is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Children's Colorado designates this Live activity for a maximum of 5 *AMA PRA Category 1 Credit(s)*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Other

A general certificate of attendance will be provided for all other health care providers.

Location

This conference will be hosted in-person at the Children's Hospital Colorado Conference Center.

Further Information

If you have questions or to request arrangements to accommodate a disability, please contact Samantha Wilson, MS, ROCS Team Lead, Research in Outcomes for Children's Surgery (ROCS), Center for Children's Surgery. (720) 777-8673 or email samantha.wilson@cuanschutz.edu.

See symposium schedule – next page

CCS Research Symposium Schedule

Friday, February 21, 2025

9:00 AM – 9:05 AM

Opening Remarks

Duncan Wilcox, MBBS, MD

Surgeon-in-Chief

Director, Center for Children's Surgery

Professor, Pediatric Urology

9:05 AM – 10:05 AM

**Basic/Translational Science
Podium Session**

Moderators: Chris Derderian, MD and Jill Kaar, PhD

*Female gender as a susceptibility factor for doxorubicin-induced
detrusor dysfunction*

Nao Iguchi, PhD, Urology

*Normothermic and Hypothermic, Acellular Ex vivo Heart
Perfusion (EVHP) Results in Improved Graft Function Compared
to Cold Static Preservation within a Murine Transplantation
Model*

Jack Zakrzewski, MD, Cardiovascular Surgery

*Development and Characterization of Organoid and Mouse Model
Systems of Adamantinomatous Craniopharyngioma*

Aaron Knox, PhD, Neurosurgery

Twistomy: A Continent Ostomy Device

Devon Horton, BS, and Lily Williams, BS, Pediatric Surgery

*Results of the first patient-customized intravitreally-
administered antisense oligonucleotide (ASO) for a patient with
retinal dystrophy caused by an intronic pseudogene*

Emily McCourt, MD, Ophthalmology

*Use of Optical Coherence Tomography for Preoperative Planning
in Airway Surgery*

Jacob Boyd, MD, PhD, Otolaryngology

10:05 AM – 10:10 AM

Break

10:10 AM – 11:10 AM

**Quality Improvement &
Multidisciplinary Team Science
Podium Session**

Moderators: Nicholas Cost, MD and Brian Herrmann, MD

Quantitative evaluation of the operational improvements of a new AI-driven software tool for the clinical evaluation of craniosynostosis using 3D photogrammetry

Connor Elkhill, BS, Plastic Surgery

A Comparison of Dexmedetomidine and Propofol Sedation Protocols in Drug-Induced Sleep Endoscopy for Pediatric Patients

Thanh Nguyen, MD, Anesthesiology

Effect of implementation of standard care pathway for management of infants with gastroschisis on clinical outcomes and protocol compliance

Alexandra Barone-Camp, BA, Pediatric Surgery

The ADolescent Health Engagement ThRough CarE TraNsiTion (ADHERENT): a qualitative study of facilitators and barriers to transition to adult urologic care

Kelly Harris, MD, Urology

Age May Influence Muscle Synergy Composition and Knee Kinematics During Walking in Individuals with a Rotationplasty

Kellen Krajewski, MS, Orthopedics

Participation in Multidisciplinary Microtia Clinic Improves Patient Care Outcomes

Marta Kulich, MD, Otolaryngology

11:10 AM – 11:15 AM

Break

11:15 AM – 12:15 PM

Outcomes Podium Session

Moderators: Lauren Hill, NP and Kyle Rove, MD

A Qualitative Needs Assessment for the Research of Reproductive Tract Anomalies

Veronica Alaniz, MD, MPH, Pediatric and Adolescent Gynecology

Neighborhood Disparity in Pediatric Trauma - Comparing Neighborhood Disparity Metrics: Is There a Better Predictor?

Emily Myers, MD, Pediatric Surgery

Expanding the Footprint: Parental Willingness and Surgical Conversion Rates for Pediatric Plastic Surgery

Diego Gomez, BS, Plastic Surgery

Synergistic Impact of Cytomegalovirus and SARS-CoV-2 Coinfection on Hearing Loss in Pediatric Patients: A Retrospective Cohort Study

Arman Saeedi, MD, Otolaryngology

Time and Place: How trauma center type affects management and outcomes for adolescents with pelvic fractures

Catherine Dawson-Gore, MD, MSc, Pediatric Surgery

Identifying Gaps in Medicaid Coverage

Emmeline Kim, MD, Ophthalmology

12:15 PM – 1:15 PM

Lunch

1:15 PM – 2:00 PM

Poster Session

2:00 PM – 3:00 PM

Keynote Address

Advocacy through Research: From the Operating Room to Capitol Hill

Stacey J. Kruger, MD

Associate Professor, Grossman School of Medicine

NYU Langone Health, Department of Ophthalmology

3:00 PM – 3:50 PM

Panel Discussion

Champions of Change: Expert Insights on Health Advocacy & Policy

Moderators: Sarah Gitomer, MD & Michael Puente, MD

Panelists: Stacey Kruger, MD
Elizabeth Freudenthal, PhD
Patricia Yoon, MD

3:50 PM – 4:00 PM

Closing Remarks & Awards

Thank you for joining us!

Hope to see you next year at the 9th Annual CCS Research Symposium

CME Credits

You must complete an evaluation in order to receive CME credit for attending today.



Contact Information

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720-777-8673

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