

2024 Grand Rounds -Artificial Intelligence in Children's Health: Hype vs. Hope (Dr. Julius M. and Marjorie R. Kantor Endowed Lectureship)

When: 10/31/2024 8:00:00 AM - 10/31/2024 9:00:00 AM

Activity ID: 6652

Location: Adele Hall - Auditorium (West Lobby)

Faculty:

Anthony Chang, MD

Event Description:

[Click here to join the presentation from your laptop or computer.](#)

Local and national leaders present pediatric topics in their area of specialty during this weekly series.

OBJECTIVES:

At the conclusion of this activity, the participant will be able to:

- 1 Discuss the Current Landscape of AI in Pediatric Healthcare: Identify the most promising AI applications in pediatrics, including diagnostic tools, personalized treatment plans, and predictive analytics, and distinguish them from technologies that are overhyped or not yet validated.
- 2 Evaluate the Benefits and Limitations of AI in Pediatric Decision-Making: Assess how AI can enhance clinical decision-making, reduce diagnostic errors, and improve patient outcomes, while recognizing the limitations, biases, and ethical challenges associated with these technologies.
- 3 Differentiate Between Evidence-Based AI Tools and Unproven Technologies: Learn to critically appraise AI tools by examining the evidence behind their development and implementation, helping pediatricians separate realistic, evidence-based solutions from speculative or misleading claims.
- 4 Explore Ethical Considerations and Bias in AI Applications for Children: Discuss the ethical implications of AI in pediatrics, including data privacy concerns, potential biases in algorithms affecting children of diverse backgrounds, and the importance of maintaining human oversight.
- 5 Identify Practical Steps for Integrating AI into Pediatric Practice: Outline actionable strategies for integrating AI tools into clinical practice, emphasizing collaboration with AI experts, ongoing education, and ensuring that AI enhances rather than replaces the pediatrician's role in patient care.

ACCREDITATION:

Continuing Medical Education (CME)

The Children's Mercy Hospital is accredited by the Missouri State Medical Association to provide continuing medical education for physicians.

The Children's Mercy Hospital designates this Live Activity for a maximum of 1.00 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Board of Surgery (ABS)



Successful completion of this CME activity enables the learner to earn credit toward the CME requirement of the American Board of Surgery's Continuous Certification program. It is the CME provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

Radiology

This activity has been approved by ASRT for 1.00 Category A CE credits.

Respiratory Therapy

Children's Mercy Hospital's CE Evaluator has approved this program for 1.20 hours of Respiratory Continuing Education on behalf of the Kansas Respiratory Care Society, a chapter of the AARC. Providership #KRCS003

Social Work

1.00 Social Work CEU's will be provided to licensed social workers. Children's Mercy Hospital's Department of Social Work and Community Service has been approved as a Continuing Education Provider by the State of Kansas Behavioral Sciences Regulatory Board.

Other Healthcare Professionals

Other healthcare professionals who participate in this activity may submit their attendance certificate to their appropriate accrediting organizations or state boards for consideration of credit. Participants are responsible for determining whether this activity meets the requirements for acceptable continuing education.

DISCLOSURES:

Children's Mercy Continuing Medical Education adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CE activity, including faculty, planners, reviewers or others are required to disclose all relevant financial relationships with ineligible entities (commercial interests). All relevant conflicts of interest have been mitigated prior to the commencement of the activity.

The planners and faculty of this series have disclosed the following financial relationship(s) with ineligible companies/commercial interests:

Name of individual	Individual's role in activity	Nature of Relationship(s) / Name of Ineligible Company(s)
Amy L Hill, MBA	Activity Coordinator	Nothing to disclose - 06/24/2024
Julia R Broussard, MD	Other Planning Committee Member	
Jose Cocjin, MD	Other Planning Committee Member	Nothing to disclose - 01/24/2024
Susan B Hathaway, PhD	Other Planning Committee Member	Nothing to disclose - 05/31/2024
Fadi J Al Muhaisen, MBBS	Other Planning Committee Member	Nothing to disclose - 01/25/2024

Joy L Solano, MD	Other Planning Committee Member	Nothing to disclose - 10/18/2024
Rochelle Harris, PhD, ABPP	Other Planning Committee Member	
Krishna Dummula, MD, FAAP	Other Planning Committee Member	
Brenda Salley, PhD	Other Planning Committee Member	Nothing to disclose - 08/19/2024
Rose A. Mettlen, MSW	Activity Coordinator	Nothing to disclose - 08/20/2024
Leni W. Swails, PhD	Other Planning Committee Member	
Anthony Chang, MD	Faculty	Nothing to disclose - 09/05/2024