

## Hot Topics in Neonatology®

# Artificial Intelligence 101: Applications in Neonatology



## SUNDAY WORKSHOP

In this **interactive workshop**, we will demystify the world of artificial intelligence (AI) and explore its transformative potential in neonatal care. Participants will be introduced to the basics of AI, focusing on predictive models designed specifically for the Neonatal Intensive Care Unit (NICU). These innovative tools anticipate adverse events, facilitate early interventions, and contribute to improved outcomes. Moreover, we will explore how AI language models, such as ChatGPT, are used in academic research and medical communication. The session promises to be an engaging, informative exploration of how AI is revolutionizing neonatal healthcare.

## OBJECTIVES

At the conclusion of this program, participants should be able to:

- Discuss how data is generated through clinical care, how it might be accessed, and how it is stored and structured.
- Become familiar with AI concepts such as supervised and unsupervised learning, large language models, explainability, and hallucination.
- Practice using ChatGPT in real world scenarios encountered by neonatologists.
- Discuss the process of turning data into visualizations and develop basic familiarity with the tools.

## ACCREDITATION

Nemours Children's Health is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Nemours Children's designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credits*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

A certificate of participation will be provided to other health care professionals requesting credits. Participants should ensure in advance that their credentialing or licensing organization accepts *AMA PRA Category 1 Credits*™.

### Disclosure Policy

As a provider accredited by the Accreditation Council for Continuing Medical Education (ACCME), we must ensure balance, independence, objectivity and scientific rigor in all educational activities. In accordance with the Standards for Integrity and Independence in Accredited Continuing Education, all planners, teachers and authors involved in the development of CME content are required to disclose their relevant financial relationships that might be germane to the content of the activity. An individual has a relevant financial relationship if they have a financial relationship in any amount occurring in the last 24 months with an ineligible company whose products or services are discussed in the CME activity content over which the individual has control. We have policies/processes in place to mitigate relevant financial relationships. All relevant relationships will be mitigated.

## DATE AND LOCATION

Sunday, December 10, 2023 at Gaylord  
National, National Harbor, Maryland

## COURSE TIME

3:00 p.m. - 4:30 p.m.

## REGISTRATION REQUIRED

Registration fee is \$50.



SCAN ME

Register online at  
[PedsUniversity.org](https://www.pedsuniversity.org)  
or scan the QR  
code.

### Questions

Contact Tinessa Callinan, Nemours Children's Hospital, Florida, Office of Continuing Medical Education, at 689.766.8094 or [Tinessa.Callinan@Nemours.org](mailto:Tinessa.Callinan@Nemours.org).