



The Current Landscape of Whole-Genome Sequencing in the NICU/PICU Webinar

Internet Live Activity

Date: 10/20/2021

Time: 04:00 – 05:00 p.m. EDT

Location: Live Webinar (hosted via GoToWebinar)

Accreditation

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Disclosure of Financial Relationships

David Dimmock, MD, faculty for this educational activity, is an Advisor for Taysha Gene Therapies, receives Consulting Fees from Flagship Pioneer and is an Advisor for Audentes. All of the relevant financial relationships listed have been mitigated. *FDA Disclosures:* none reported.

Nicole Brenson, Dan Ellsbury, MD, Vicki Leamy, DNP, NNP-BC, Robert Ursprung, MD, planners of this educational activity, have no relevant financial relationship(s) with ineligible companies to disclose.

Commercial Support

There is no commercial support for this educational activity.

Overview

Rapid genomic sequencing is an evidence based intervention that has been shown to improve outcomes. However, routine use of this technology is hindered by knowledge gaps and implementation barriers. This presentation will address genomic testing, Whole Genome Sequencing (WGS) implementation efforts and genomic medicine deployment methods.

Objectives

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

1. Discuss clinical trial data demonstrating the clinical utility and breadth of detectable diseases through genomic testing.
2. Identify factors likely to hinder or facilitate Whole Genome Sequencing (WGS) implementation efforts.
3. Describe methods used to identify benefit and harm in the deployment of genomic medicine.

ACGME/ABMS Competencies

- Medical Knowledge
- Systems-based Practice
- Practice-based Learning and Improvement

IOM Competencies

- Provide patient-centered care
- Employ evidence-based practice
- Apply quality improvement
- Utilize informatics

Evaluation, Attendance and Credit

Within <https://mednax.cloud-cme.com>, click My CE and then select Evaluations and Certificates. Follow the instructions to record attendance/time spent and complete the brief evaluation. You will have the option to email the certificate of attendance to your mailbox.