Genetics Clinical Grand Rounds

Presented by
Department of Genetics
Yale School of Medicine

"Exome sequencing in newborn screening for inborn errors of metabolism"

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via Zoom
Zoom Link – passcode: 781657

Course Director/Host: Dr. Rama Kastury, DO

There is no corporate support for this activity
This course will fulfill the licensure requirement set forth by the State of Connecticut

ACCREDITATION
The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

TARGET AUDIENCE
Attending physicians, clinical and basic scientists, nurses, residents, fellows, medical students, and other health care providers.

NEEDS ASSESSMENT
Newborn screening (NBS) is a public health programme that identifies infants with heritable disorders before the onset of clinical signs, allowing for early and life-saving intervention. Screening for metabolic disorders using tandem mass spectrometry (MS/MS) identifies most affected newborns, along with a large number of false-positive infants.

LEARNING OBJECTIVES
1. Review the NBS approach and challenges
2. Evaluate exome sequencing as a methodology for NBS
3. Considerations for implementation in second-tier testing

DESIGNATION STATEMENT
The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)™. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

FACULTY DISCLOSURES
Dr. Curt Scharfe, MD, PhD, FACMG - none
Dr. Rama Kastury, DO - none

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