Division of Laboratory Systems

The Role of Artificial Intelligence and Machine Learning in the Clinical Laboratory
Introduction

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CLIAC Regulations Assessment Workgroup

Chairs
Dr. Kimberle C. Chapin
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Workgroup Charge
The CLIA Regulations Assessment Workgroup provides input to CLIAC for deliberation on how the CLIA might specifically be updated, considering the April 2019 reports by the Personnel Regulations, Non-Traditional Workflow Models, and NGS workgroups. The workgroup is charged with providing advice to CLIAC for consideration in making recommendations to HHS on revising the CLIA regulations.

https://www.cdc.gov/cliac/workgroups/regulations-assessments.html

CLIAC Regulations Assessment Workgroup: Total Testing Process Evaluation

Workgroup Questions

- How do technologies that utilize artificial intelligence play a role in the total testing process?

  - How does CLIA apply to the use of these technologies?

  - What requirements should be added or revised in CLIA to ensure the quality of testing when artificial intelligence is part of the total testing process?
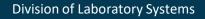
Presentation

The Basics of Artificial Intelligence and Machine Learning

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Questions to CLIAC

1) What are the challenges to applying the CLIA regulations to technologies utilizing artificial intelligence and machine learning?

2) Should a CLIAC workgroup be formed to discuss the requirements that should be added or revised in CLIA to ensure the quality of testing when artificial intelligence and machine learning are part of the total testing process?

For more information, contact CDC
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