Course Detail

Good Laboratory Practices for Biochemical Genetic Testing and Newborn Screening for Inherited Metabolic Disorders

Course Number: WB2010-04062012

CE Origination Date: April 6, 2012

CE Expiration Date: April 6, 2016

Goal

The goal of this report is to improve the quality of laboratory services for biochemical genetic testing and newborn screening for inherited metabolic disorders. The revisions of this report will improve the strategies that will affect the patient/client outcome of the 2012 Guidelines for Good Laboratory Practices for Biochemical Genetic Testing and Newborn Screening for Inherited Metabolic Disorders.

Objectives

1. Describe the factors that should be considered when planning to introduce a new biochemical genetic test for patient testing.
2. Describe the recommended laboratory practices for test performance establishment and verification
3. Describe the recommended quality assurance practices for the preanalytic, analytic, and postanalytic phases of the laboratory testing process
4. Describe qualifications, responsibilities, and competency of laboratory personnel for ensuring the quality of biochemical genetic testing and newborn screening for inherited metabolic diseases

Intended Audience

Physicians, Registered Nurses, Administrators, Infection control practitioners, employee health clinicians, health-care personnel

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