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Distributed by the NH Health Alert Network
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June 2, 2017 11:00 EDT(11:00 AM EDT)
NH HAN 20170602



Potential for Falsely Low Venous Blood Lead Test Results from Magellan LeadCare® Analyzers

Key Points and Recommendations:

- Providers should review the attached Centers for Disease Control and Prevention (CDC) HAN about the potential for falsely low blood lead test results when Magellan Diagnostics' LeadCare® analyzers are used to test venous blood samples (obtained by direct vein puncture).
- This appears to be a problem only when testing venous blood samples (not fingerstick or heelstick samples) on these specific analyzers. Magellan LeadCare® analyzers are no longer to be used to test *venous* blood samples. Providers and laboratories can continue to use the Magellan LeadCare® machines for analysis of capillary (fingerstick or heelstick) samples.
- The CDC is recommending that healthcare providers re-test certain patients, including children younger than 6 years of age as of 5/17/2017, and currently pregnant or lactating women who had venous blood tested with these analyzers. See attached CDC HAN for more details.
- The NH Division of Public Health Service's (DPHS's), Healthy Homes and Lead Poisoning Prevention Program, under NH law, receives blood lead test results on all NH residents. We have completed a review of reported blood lead test results and have identified only two healthcare practices or laboratories in New Hampshire that have used Magellan LeadCare® analyzers to test venous blood samples (see table below).
- It is also possible that patients could have been tested at out-of-state laboratories or healthcare practices that used Magellan LeadCare® analyzers to test venous blood samples. For this reason, healthcare providers should review how their patients' blood lead testing was performed to identify whether patients may be affected and potentially need retesting.
- NH DPHS, however, is working closely with the affected healthcare practices and laboratories, along with other state health department(s), to ensure that patients and providers are appropriately notified.
- Providers should call the NH DPHS Healthy Homes and Lead Poisoning Prevention Program with any questions or concerns: 603-271-1393.

Table: New Hampshire laboratories and healthcare provider practices identified to have used Magellan Diagnostics' LeadCare® analyzers to test venous blood samples in the last six years:

Name of Facility	City, State
Cheshire Medical Center	Keene, New Hampshire
All Care Medical	Salem, New Hampshire

**NH DHHS-DPHS
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LeadCare® Analyzers**

For any questions regarding the contents of this message, please contact NH DHHS, DPHS, Healthy Homes and Lead Poisoning Prevention Program at 603-271-1393.

To change your contact information in the NH Health Alert Network, contact Thom Flynn at 603-271-7499 or email thomas.flynn@dhhs.nh.gov

Status: Actual
Message Type: Alert
Severity: Moderate
Sensitivity: Not Sensitive
Message Identifier: NH-HAN 20170602
Delivery Time: 7 hours
Acknowledgement: No
Distribution Method: Email, Fax
Distributed to: Physicians, Physician Assistants, Practice Managers, Infection Control Practitioners, Infectious Disease Specialists, Community Health Centers, Hospital CEOs, Hospital Emergency Departments, Nurses, NHHA, Pharmacists, Laboratory Response Network, Manchester Health Department, Nashua Health Department, Public Health Network, DHHS Outbreak Team, DPHS Investigation Team, DPHS Management Team, Northeast State Epidemiologists
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Originating Agency: NH Department of Health and Human Services, Division of Public Health Services

Attachments: CDC HAN

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