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Introduction

Point-of-care testing (POCT) is laboratory testing which is performed at the patient bedside or near the site of patient care. POCT typically uses portable, hand-held instruments and kits. The POCT use small bench analyzers. This standard applies to the following point-of-care testing (POCT) only: hemoglobin, blood glucose, urinalysis, pregnancy testing (urine), semen examination for the presence of sperm and occult blood (stool). Portable point of care laboratory testing systems used for blood chemistry (electrolytes) analysis, coagulation testing, blood gas testing and hormone level testing requires review and accreditation with the Diagnostic Accreditation Program (DAP).

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References

Nichols JH. Blood glucose testing in the hospital: error sources and risk management. J Diabetes Sci Technol [Internet]. 2011 Jan 1 [cited 2018 Feb 15];5(1):173-7. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3045236/

Roche Diagnostics. Accu-Check Inform II: in-service plan for blood glucose testing [Internet]. [place unknown]: Roche; [cited 2018 Feb 15]. 39 p. Available from: https://usdiagnostics.roche.com/en/point-of-care-testing/poc-testing/blood-glucose/inform-ii-assets/pdf/Customer Inservice Plan InformII fields r6.pdf

Centers for Disease Control and Prevention (US). Injection safety: infection prevention during blood glucose monitoring and insulin administration [Internet] Atlanta, GA: Centers for Disease Control and Prevention; 2011. [updated 2017 Jun 8; cited 2018 Feb 15]. Available from: https://www.cdc.gov/injectionsafety/blood-glucose-monitoring.html

Diagnostic Accreditation Program. Accreditation standards 2015: laboratory medicine - version 1.3 (Effective November 1, 2016) [Internet]. Vancouver: College of Physicians and Surgeons of British Columbia; 2016 [cited 2018 Feb 15]. 248 p. Available from: https://www.cpsbc.ca/files/pdf/DAP-AS-Laboratory-Medicine.pdf

HealthLinkBC. Diabetes: blood sugar levels [Internet]. Boise, ID: Healthwise; 2017 [cited 2018 Feb 15]. Available from: https://www.healthlinkbc.ca/health-topics/aa135726

College of Physicians and Surgeons of British Columbia. (2009, August 13). DAP Committee Meeting Minutes. College of Physicians and Surgeons of British Columbia, Vancouver, BC.

Point-of-Care Testing
Version: 1.2 Publication date: 2023-03-25

Effective date: July 3, 2018