| MSLXXX | Process samples using a point of care testing device |
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| Application | This unit describes the skills and knowledge required to complete pre-analytics, analyse samples, record results and maintain a point of care (PoCT) testing device.  This unit applies to operators who follow standard operating procedures and quality systems to analyse samples after the initial collection process. It is relevant to operators working directly with clients and those working in laboratories.  No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied. |
| Prerequisite Unit(s) | Nil |
| Competency Field |  |
| Unit Sector |  |
| Elements  Elements describe the essential outcomes. | Performance Criteria  Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Complete pre-analytics | * 1. Identify samples that are appropriate for testing in accordance with device requirements and quality system   2. Identify and reject non-compliant samples and follow standard operating procedures for sample rejection   3. Identify patient in accordance with standard operating procedures   4. Process samples through pre-analytics in accordance with standard operating procedures |
| 1. Operate PoCT device | * 1. Set up PoCT device in accordance with standard operating procedures   2. Identify sample in accordance with standard operating procedures   3. Follow standard operating procedures for traceability   4. Perform tests in accordance with standard operating procedures   5. Maintain test integrity through appropriate handling of consumables   6. Identify and troubleshoot result flags and errors in accordance with standard operating procedures   7. Identify and report device errors that are outside area of responsibility and refer to designated person with relevant supporting information |
| 1. Review and document results | * 1. Review results against device reference intervals and reportable range   2. Identify and take action for abnormal, clinically urgent and erroneous results in accordance with standard operating procedures   3. Accurately record results in accordance with standard operating procedures   4. Dispose of waste in accordance with standard operating procedures |
| 1. Maintain device readiness | * 1. Clean and decontaminate devices in accordance with standard operating procedures   2. Identify, address and document minor device maintenance tasks in accordance with standard operating procedures   3. Identify stock stability and storage requirements and take action that maintains stock availability and integrity   4. Perform routine quality control tests in accordance with quality system requirements   5. Identify communication requirements and prepare and distribute data in accordance with quality system requirements |

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| Foundation Skills  Foundation skills essential to performance are explicit in the performance criteria of this unit. |

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| Unit Mapping Information | No equivalent unit |
| Links |  |

Assessment Requirements

| Assessment requirements for MSLXXX Process samples using a point of care testing device | |
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| Performance Evidence | There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:   * used a PoCT device in accordance with standard operating procedures: * processed 3 different samples * completed device maintenance on at least 2 occasions * performed at least 1 routine quality control test. |
| Knowledge Evidence | There must be evidence the candidate has knowledge of:   * existence and purpose of national and international standards and guidelines for PoCT and relevant organisations * basic principles of quality assurance and key areas to be addressed in a PoCT quality system: * preparation and sample collection * testing process * reporting of results and sample disposal * organisational structure, responsibilities, policies and procedures * purpose of PoCT device being used and the types * certification and potential re-certification requirements * common causes of variations in testing and results * how to recognise and report abnormal, clinically urgent and erroneous results * standard operating procedures for the PoCT device being used: * confirming suitability for testing and potential impacting factors: * collection parameters * patient preparation * sample volume * sample identification * device operation and navigation * safety and personal protective equipment requirements * consumables and reagents storage and stability * device troubleshooting * recording of results * reporting of problems outside area of responsibility * device cleaning and minor maintenance. |
| Assessment Conditions | Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:   * use of suitable facilities, equipment and resources, including:   + PoCT device   + samples for testing   + standard operating procedures.   Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors. |
| Links |  |