

Cardiopulmonary Resuscitation & Stabilization

Presentation guide

DC = Statement of the competence for a particular domain

E = Elements of the competence for a specific statement of competence

P = Performance criteria for competency; associated with a specific element of the competence

Domain of competence DC.15

Assist in maintaining cardiopulmonary stability of patients in a simulated clinical setting

E15.1 Perform basic life support (BLS) protocols according to the current standards of the Heart & Stroke Foundation of Canada

- P15.1.1 Provide the required treatment for a foreign-body airway obstruction (Choking) per protocol in a clinical setting
- P15.1.2 Utilize a Bag-Valve-Mask (BVM) device for Adult/Child/Infant CPR per protocol in a clinical setting
- P15.1.3 Perform adult CPR in a clinical setting
- P15.1.4 Perform child CPR in a clinical setting
- P15.1.5 Perform infant CPR in a clinical setting
- P15.1.6 Demonstrate the use of an Automated External Defibrillator (AED) for Adult/Child CPR per protocol in a simulated clinical setting

E15.2 Perform pediatric advanced life support (PALS) protocols according to the current standards

- P15.2.1 Perform the systematic assessment of a seriously ill or injured child in a simulated clinical setting
- P15.2.2 Perform the “assess-categorize-decide-act” approach to decision-making in a simulated clinical setting
- P15.2.3 Recognize and manage a child in respiratory distress and failure in a simulated clinical setting
- P15.2.4 Recognize and manage a child in shock in a simulated clinical setting
- P15.2.5 Describe the management of bradyarrhythmias and tachyarrhythmias
- P15.2.6 Recognize and manage a child in cardiac arrest
- P15.2.7 Describe the post-resuscitation stabilization and transport of a child and overall team dynamics

E15.3 Perform neonatal resuscitation program (NRP) protocols according to the current standards

- P15.3.1 Describe the “Principals of Resuscitation” as related to NRP
- P15.3.2 Perform the initial steps in resuscitation in a simulated clinical setting
- P15.3.3 Perform Positive Pressure Ventilation (PPV) in a simulated clinical setting
- P15.3.4 Perform chest compressions according to NRP in a simulated clinical setting
- P15.3.5 Perform endotracheal intubation in a simulated clinical setting
- P15.3.6 Administer medications during resuscitation in a simulated clinical setting
- P15.3.7 Discuss the ethical principals with starting and stopping neonatal resuscitation
- P15.3.8 Perform resuscitation of pre-term babies in a simulated clinical setting

E15.4 Perform advanced cardiac life support (ACLS) protocols according to the current standards

- P15.4.1 Perform Basic Life Support (BLS) Primary Survey (ABCD) per protocols in a clinical setting
- P15.4.2 Perform ACLS Secondary Survey (ABCD) per protocols in a clinical setting
- P15.4.3 Perform management of a Respiratory Arrest per protocol in a clinical setting
- P15.4.4 Perform management of a patient with a Pulseless Arrest (VF/VT), according to the ACLS algorithm in a clinical setting
- P15.4.5 Perform management of a patient with Bradycardia/Asystole/PEA, according to the ACLS algorithm in a clinical setting
- P15.4.6 Perform management of a patient with Tachycardia (Stable & Unstable) according to the ACLS algorithm in a clinical setting
- P15.4.7 Describe Acute Coronary Syndromes (ACS)
- P15.4.8 Describe the signs and symptoms of a patient having a stroke and the necessary treatment
- P15.4.9 Demonstrate effective team interaction and communication during resuscitation

E15.5 Perform rapid response assessment skills

- P15.5.1 Perform assessment of the patients’ airway/breathing as appropriate (BLS, NRP, PALS, ACLS) and intervene as required per protocols in a clinical setting
 - P15.5.2 Perform assessment of the patients’ cardiac status as appropriate (BLS, NRP, PALS, ACLS) and intervene as required per protocols in a clinical setting
 - P15.5.3 Document the assessment findings and interventions in a clinical setting
 - P15.5.4 Communicate your assessment findings with the team on a ongoing basis in a clinical setting
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