



Harmonized

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Authorizing Prescribers

LHAP – Emergency Department and Critical Care Physicians
LHB - Emergency Department and Critical Care Physicians
LHO - Code Blue, Emergency Department and Critical Care Physicians
LHPP – Emergency Department Physicians

Authorized to Whom

Regulated Health Care Providers (RHCP), and Emergency Department Physician Assistants who have successfully completed the certification process for Basic Life Support (BLS) inclusive of the education in the application and use of an automated external defibrillator (AED).

Patient Description/Population

An AED will be utilized for any patient with a suspected sudden cardiac arrest as indicated by ALL of the following:

- unconscious and/or unresponsive
- absent or abnormal breathing
- no detectable pulse or no signs of circulation
- greater than 1 year of age

A **Patient** is the recipient of health care services and can include a visitor, guest, employee, or an individual registered within Lakeridge Health (LH) requiring medical treatment or care.

Indications to the Implementation of the Directive

- Any patient in a cardiac arrest situation
- Physician not readily available

Contraindications to the Implementation of the Directive

This medical directive must not be implemented in the following circumstances:

- patient's advanced care plan is documented to not attempt resuscitation
- contradicts any prior known wishes as indicated by the SDM or POA
- under 1 year of age

Order and Associated Procedures

Document Sponsor/Owner Group: (Emergency and Critical Care, Date Approved 28JUNE2022)

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Once the AED is available, turn on the AED and follow the audio/visual prompts. The order and associated procedures are presented in sequential order for the following AED prompts:

1. 'Don't touch patient, analyzing' the responders will:
 - discontinue bag valve mask ventilation and CPR as movement may cause an inaccurate cardiac rhythm analysis being performed.
2. 'Press flashing shock button' the responders will:
 - verbally indicate for everyone to 'stand clear'
 - complete a safety check that involves making sure that all responders take a step back from the patient
 - ensure no one is touching the patient, bed, and/or equipment
 - ensure that oxygen is removed from the patient and immediate area (not placed beside the patient)
 - when the above has been completed, press the flashing shock button
 - communicate 'shock given' to indicate to responders to resume CPR

Consent

In a life or limb emergency, where the patient is incapable of decision-making and the SDM(s) cannot be contacted in a timely manner, care and/or treatment can be provided under emergent consent parameters.

- The health care team needs to follow any known prior wishes of the patient in respect to the care and/or treatment
 - These wishes may be documented in the Advanced Care Planner section in the electronic medical record but include any prior known wishes of the patient that have been made known to the health care team
- As soon as possible, consent must be sought from the patient or SDM(s).

Identify relevant Delegated Control Act associated with this Directive

The application or ordering the application of a form of energy prescribed by the regulations under the RHPA 1991.

Documentation Requirements

In addition to standard documentation practices, the RHCP implementing this directive must document the following in the order section of the patient's health record:

- the name of this medical directive
- the name of the implementer
- the date and time
- legible signature of implementer including credentials (unless documenting electronically)

Review/Evaluation Process

This medical directive will be reviewed every 2 years by the Adult Resuscitation Subcommittee

References

Canadian Heart and Stroke Association (2020). Basic cardiovascular life support (BLS) provider manual. Ottawa, ON

College of Nurses of Ontario (2020) Legislation and regulation: An introduction to the nursing act, 1991.

Government of Ontario (2021). Regulated health professionals act, 1991S.O. 1992, Chapter 18.

ZOLL AED (2018). ZOLL AED Operator's Manual. Retrieved from: Find ZOLL® Product Documentation & Manuals - ZOLL Medi