



HURON PERTH HEALTHCARE ALLIANCE
MEDICAL DIRECTIVE

Medical Directive	12-Lead Electrocardiogram - Adult
Directive #	MD-HPHA-003
Approval	Medical Advisory Committee
Date	November 22, 2018
Signature	<i>Jane Moore</i>
Review/Revision Date	0 - Nov/18
Specific to	HPHA Inpatient Units

Description of Procedure:

- Order and/or obtain a STAT 12-Lead Electrocardiogram (ECG) as per the specific patient conditions below.
- Notify physician STAT of the patient specific conditions prompting the 12-Lead to be obtained (ensure that the 12-Lead has been uploaded to CVIS)

Authorized To:

- RNs and RPNs employed on Inpatient Units who have completed an educational component specific to this particular medical directive are eligible to implement the directive.

Specific Patient Conditions:

- Any conscious and alert patient 17 years of age or older experiencing any of the following:
 - New onset of chest pain consistent with cardiac ischemia
 - Acute shortness of breath
 - A new onset cardiac dysrhythmia
 - A cardiac dysrhythmia plus one or more of the following: acute altered mental status, ongoing chest pain or other signs of shock (pallor, dizzy, diaphoretic, etc).
 - Suspected pacemaker or automated implantable defibrillator failure.

Contraindications:

- Lack of patient consent
- Any unresponsive and/or pulseless patient.

**Reasons to seek immediate medical consultation or discontinue procedure/
treatment/intervention:**

- Significantly abnormal vital signs if performing the ECG delays life-saving treatment.
- Patient becomes unresponsive and/or pulseless.

Documentation:

- Implementation of the Medical Directive including name and number of the directive, name, signature and credentials of the implementer and name of the attending physician in the order section of the patient's chart.

Quality Assurance

- The Manager of Nursing Practice will approve the education component of the Medical Directive.
- The Inpatient Unit RN/RPN will have completed an educational component specific to this particular medical directive to be eligible to implement the directive.
- Nurses employed in the ICU and Telemetry/Integrated Stroke Unit may perform the 12-Lead ECG according to the "ECG Machine and Lead Placement (OSPEC/0065)" document available on Docushare.
- An annual review will be conducted at the discretion of the HPHA ---- Care Team to review the appropriateness of the Medical Directive.

Originator	HPHA Clinical Nurse Educators
Current Review/Revision	November 2018
Responsibility	HPHA ---- Care Team
Distribution	HPHA My Alliance, Medical Directives

Reference(s):

- Blancher, T. (2005) Woodstock General Hospital Medical Directives.
- Lakeridge Health. (2015). Advanced Life Support (ALS): Tachycardia with a Pulse. Retrieved from https://www.lakeridgehealth.on.ca/uploads/163/Doc_635778273790317893.pdf



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Physician Approval Form

Medical Directive	12-LEAD ELECTROCARDIOGRAM - ADULT
Directive #	MD-HPHA-003

I, the undersigned physician, have:

- Reviewed the directive to fully understand the conditions under which it will be implemented, including knowing how the staff will be educated to provide this care and how they document or make me aware that the directive has been implemented so I can assume care appropriately, and
- Agree to assume the care of patients who have had an intervention performed as authorized by the directive

Name of Physician (please print)

Signature

Date

Note: The above Medical Directive was approved at the HPHA Medical Advisory Committee meeting November 22, 2018. If agreeable, please sign and return this form to Medical Services, Attn: Lori Hartman (Fax 519-271-7137).