



GLOBAL EMERGENCY MEDICAL REGISTRY

ECG Acquisition Skill Documentation Form

Candidate (Print): _____ Date: _____

Examiner (Instructor or Licensed Provider): _____

Examiner Signature: _____

Pass _____ Fail _____

Task	Correct	Incorrect
Use appropriate PPE		
Explain procedure to patient, if possible		
Select site: <ul style="list-style-type: none"> Limb leads should be placed per manufacturers recommendation, or at shoulder girdle and hips Pericardial leads at least 10 cm from the heart for adults Attach monitor cables to self-adhesive leads 		
Prepare patient: <ul style="list-style-type: none"> Expose chest Ensure skin is not broken or bleeding Shave hair from site if particularly thick Cleanse area with alcohol prep pad if dirty Allow alcohol to dry before placing leads 		
Ensure monitor is turned on and in proper setting for ECG		
Limb Lead Monitoring: <ul style="list-style-type: none"> Attach limb leads to appropriate limbs (May be 3 or 4 leads) For MCL1 Attach LL leads to 4th intercostal space, just right of sternum) Assess baseline rhythm Print as necessary 		
Twelve (12) Lead Monitoring: <ul style="list-style-type: none"> Assure limb leads are attached and function properly Attach precordial (chest) leads <ul style="list-style-type: none"> V1 – 4th intercostal space, right of the sternum V2 – 4th intercostal space, left of the sternum V4 – 5th intercostal space, midclavicular line V3 – on a line midway between V2 and V4 V5 – anterior axillary line on same horizontal level as V4 V6 – midaxillary line at same level as V4 and V5 Connect cable for precordial leads to monitor, if necessary Ask patient to remain still and “breathe normally”; if intubated, ventilate at 10 breaths per minute with 6-8 ml/kg/PBW Acquire 12 lead ECG reading 		
If “noisy” artifact, identify noisy lead and reposition or replace.		
Begin Interpretation of ECG		



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Critical Failure Criteria

	Failure to obtain limb lead ECG within a 5-minute time limit
	Failure to take appropriate PPE precautions prior to performing venipuncture
	Failure to place leads in accurate positions
	Failure to properly cleanse skin or prepare patient
	Failure to manage the patient as a competent provider
	Exhibits unacceptable affect with patient or other personnel
	Uses or orders a dangerous or inappropriate intervention

NOTE: You must factually document any “incorrect” or critical failure criteria on back of this form

Reference: American Heart Association, Applying a 12 lead, https://www.heart.org/-/media/Files/Affiliates/WSA/Montana/Mission-Lifeline-Montana/MLL-12-lead-Physio-ucm_484861.pdf?sc_lang=en