



# MOUNTAIN LAKES REGIONAL EMS COUNCIL

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## **Mountain Lakes Regional EMS Council REMAC BLS & AEMT 12-Lead ECG Acquisition and Transmission Policy**

The purpose of this policy is to achieve early PCI activation based on ECG. For an agency to be approved for BLS & AEMT 12-lead ECG acquisition and transmission, all the following must be met with required documents submitted to the Mountain Lakes office for review by the REMAC at one of their regular quarterly meetings:

- An agency-level policy that meets all requirements of this policy and New York State Department of Health Bureau of EMS policy 16-01. The policy must include a detailed description of the agency education and training process for providers. It also must include detailed procedures for which hospital ER the provider should transmit an ECG and where they will transport these patients.

At minimum, training must be / include:

- Agency Medical Director approved.
  - An orientation for acquisition and transmission of 12-Lead ECG's, specific to the device used by the agency.
  - Defined and measurable demonstrated competency in acquisition and transmission of 12-Lead ECG, specific to the device used by the agency.
- A letter of support from the Agency Medical Director.
  - The REMAC does not endorse any specific devices, but all 12-Lead ECG monitors used under this policy must be capable of transmitting to the receiving hospital via a cellular signal or similar technology. If trained, an EMT or AEMT may perform a 12-Lead ECG if they suspect their patient is having a cardiac related problem. Per the collaborative protocols, providers should "consider 12-Lead ECG for adults, with any one of the following: chest pain, dyspnea, syncope, dizziness, fatigue, weakness, nausea, or vomiting." All 12-lead ECGs should be transmitted to the anticipated destination hospital, and a copy kept with the agency's PCR. For patients with symptoms that change or are highly suspicious for cardiac etiology, providers should consider

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- performing serial 12-Lead ECGs, however they are only required to transmit the first 12-Lead ECG, unless subsequent 12-Lead ECGs have a preliminary computer interpretation of "Acute MI", or the device specific equivalent.
- The agency policy must include a language that requires BLS and AEMT providers to contact on-line medical control for all 12-Lead ECGs obtained and transmitted to a hospital. On-line medical control must be contacted at the same hospital to where the 12-Lead ECG was sent.
- They agency policy must address CQI and include a defined process for Agency Medical Director review of all incidents in which a 12-lead ECG was obtained and transmitted by a BLS or AEMT provider.

Upon receipt of all required documentation, the REMAC will review and approve or deny agency requests at the next scheduled quarterly meeting.

*\*Please note that CFRs may not obtain or transmit 12-Lead ECGs, under this policy.*

*\*Policy Approved on 3/2017*

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