



HUDSON VALLEY REGIONAL  
EMERGENCY MEDICAL SERVICES COUNCIL, INC.

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New Windsor, NY 12553  
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## COLLABORATIVE AGREEMENT

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### Use of 12-Lead EKG's by BLS

As per Hudson Valley Regional Medical Advisory (HVREMAC) requirements,

**Agency Name:** \_\_\_\_\_  
(Hereafter referred to as the Agency)

and

**Medical Director:** \_\_\_\_\_  
(Hereafter referred to as the Agency Medical Director)

Enter into this collaborative agreement in which;

1. The Agency will acquire 12-Lead devices according to written policies and procedures which have been developed as recommended by New York State Department of Health Policy Statement 16-01 "Basic Life Support Acquisition and Transmission of 12 Lead ECG's";
2. The Agency will ensure that the BLS/ALS Collaborative Protocols are utilized by all participating personnel for the proper use of 12-Lead devices;
3. The Agency will ensure that 12-Lead devices will only be used by authorized EMT(s) who have successfully completed an approved training program;
4. The Agency will require that all 12-Lead acquisitions are documented appropriately by utilizing the New York State approved Patient Care Report (PCR ) or e-PCR. Additionally, all 12-Lead acquisitions must be reported to the HVREMAC utilizing the approved quality improvement form;
5. The Agency agrees to include the review of all BLS 12-Lead uses in the Agency's quality improvement plan that is required by the New York State Department of Health;

The Agency will review this agreement on an annual basis and will file a new Collaborative Agreement with the Hudson Valley Regional EMS Council if the Agency Medical Director, or any of the contents of this agreement, changes.

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### Limitations of use for BLS or BLS-FR Agencies

Cardiac monitors designed specifically for ALS use (including, but not limited to: Physio Control LP-12, LP-15, Zoll Series) may be used for BLS acquisition and transmittal of 12-Lead EKG's only if;

- The units are programmed to come up in AED mode upon power-up.
- Paramedics, Critical Care Technicians or AEMT's using these monitors under the New York State Department of Health Policy Statement 16- 01 "Basic Life Support Acquisition and Transmission of 12 Lead ECG's" **may not** change the mode to manual operation.

- BLS or BLS-FR Agencies that are Fire-based departments may permit paramedics that are members of their Agency use these monitors as part of the fire ground rehabilitation program under the following auspice:
  - Any Agency-specific rehabilitation policy/procedure must be reviewed and approved by the Hudson Valley REMAC.

\_\_\_\_\_  
**Name of Authorized Agency Representative**

\_\_\_\_\_  
**Title**

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Agency Medical Director's Signature**

\_\_\_\_\_  
**Date**



# Hudson Valley Regional EMS Council

33 Airport Center Drive Suite 204 Second Floor  
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Phone (845) 245-4292 Fax (845) 245-4181

## Application for the use of 12-Lead EKG Acquisition by BLS Agency

Agency Name \_\_\_\_\_

Agency Code \_\_\_\_\_

Agency Address \_\_\_\_\_

Agency e-Mail \_\_\_\_\_

Agency Fax \_\_\_\_\_

Agency Contact Name \_\_\_\_\_

Monitor Make and Model \_\_\_\_\_

Agency Medical Director \_\_\_\_\_

Medical Director Address \_\_\_\_\_

Medical Director Phone \_\_\_\_\_

Medical Director e-Mail \_\_\_\_\_

\_\_\_\_\_  
Signature of Agency Official

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Medical Director

\_\_\_\_\_  
Date

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To be completed by Regional Office

**Date Received** \_\_\_\_\_

**Received by** \_\_\_\_\_



Department  
of Health

**Bureau of Emergency Medical Services  
And Trauma Systems**

**POLICY STATEMENT**

*Supersedes/Updates:* New

**No. 16 - 01**

**Date: April 11, 2016**

**Re: Basic Life Support  
Acquisition and  
Transmission of 12 Lead  
ECGs**

**Page 1 of 2**

At the March, 2016 meetings of the State Emergency Medical Advisory Committee (SEMAC) and the State EMS Council (SEMSCO), the acquisition and transmission of 12 Lead ECGs by Basic Life Support (BLS) and Advanced Emergency Medical Technician (AEMT) level providers was approved for use by New York State's EMS agencies. This decision was based on the results of a demonstration project, which established that BLS providers acquiring and transmitting a 12-lead ECG from the field to physicians in hospitals may substantially improve the timeliness of identification and intervention in patients suffering from an ST Elevation Myocardial Infarction (STEMI).

The SEMAC approved BLS/AEMT 12 Lead ECG acquisition as a regional option. Should an EMS agency wish to implement a 12 lead ECG program at the BLS/AEMT level, the EMS agency must be granted approval by their Regional Emergency Medical Advisory Committee (REMAC) and each certified EMS provider must complete a REMAC approved training program. The acquisition and transmission of 12 lead ECG will be an option in the NYS BLS Protocols, but training will not be included in the state approved original or refresher curricula/courses.

In systems heavily reliant on BLS providers, acquiring and transmitting 12-lead ECG from the field to physicians in hospitals can substantially improve the timeliness of identification and intervention in patients suffering from STEMI. This may also improve care in two-tiered systems where BLS is likely to be on scene and working in conjunction with, or intercepting with Advanced Life Support (ALS) providers.

### **Policy**

REMACs may choose, but are not required, to allow BLS/AEMT acquisition and transmission of 12 lead ECG into their systems. If approved, the REMAC may develop a policy for which devices may be used and how they will integrate into the existing systems for STEMI care. Any device approved must be capable of transmitting 12 lead ECG data to the receiving hospital.

EMS Agencies wishing to implement a BLS/AEMT 12 lead acquisition and transmission program must make a written request to their REMAC. The request should include, but may not be limited to the following:

- A letter from the agency medical director supporting the implementation of the 12 lead program, including the physician's plan for training, quality assurance and appropriateness review.
- A letter from the receiving hospital(s) advising that they are capable of receiving the 12 lead data and providing it to the appropriate hospital personnel.
- Agency policies and procedures for the 12 lead program that are consistent with state and regional policies and protocols. This shall include the following:
  - Use of the approved training program, requirements for continuing education, maintenance of competencies and the documentation for authorized providers;
  - Following the *NYS Statewide Adult and Pediatric Protocols – Adult Cardiac Related Problem (M-5)* <http://www.health.ny.gov/professionals/ems/protocol.htm>;
  - A description of the 12 lead device being utilized by the EMS agency; and
  - Assurance that every incident during which a 12 lead is obtained will be subject to physician review.

Once the EMS agency has received written approval from the REMAC, the EMS Service must provide the Department with an updated **Medical Director Verification Form (DOH-4362)** <http://www.health.ny.gov/forms/doh-4362.pdf> indicating approval to participate in the 12 lead acquisition program.

**Hudson Valley Regional Emergency Medical services Council, Inc.**  
**BLS 12-Lead EKG Acquisition Report**

Today's Date: \_\_\_\_\_

Date of Call: \_\_\_\_\_

Patient's Age: \_\_\_\_\_

Patient's Sex: \_\_\_\_\_

Agency Name: \_\_\_\_\_

Any problems with acquiring the 12-Lead? If so, please describe:

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Any problems with transmitting the 12-Lead? If so, please describe:

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Was this a STEMI? \_\_\_\_\_

Transport Destination: \_\_\_\_\_

Please complete and either fax it to (845) 245-4181 or e-mail it as an attachment to [gagi@hvremSCO.org](mailto:gagi@hvremSCO.org)