

# STANDARD OF CARE

## 12-lead indications



**Department:** Operations

**SOC #101**

**Applicable to:** All Staff

**Effective Date:** 4/14/2023

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**Authority:** Chief of Operations

**Applicable CAAS Standard:**

**Revised Effective Date:**

### **Purpose:**

The purpose of this SOC is to set indications of when a 12-lead **MUST** be performed on patients and also the standards of care for confirmed STEMI patients.

### **Scope:**

This SOC will apply to all ALS providers when performing patient care. This SOC has been reviewed and endorsed by the BVA Medical Director.

### **Guideline:**

A 12-lead ECG must be performed on the following patients.

1. If the patient is exhibiting any of the follow signs/symptoms or complaints:

- Chest pain or Pressure
- Upper Abdominal Pain
- Syncope or near syncope
- Shortness of breath
- Pain or discomfort associated with cardiac Ischemia
- Any patient with a new onset of Altered Mental Status or Mental Status Changes.

i . Jaw, neck, Soulder, left arm/right arm or other presentation:  
unless no other symptoms exist and the cause of the specific pain  
can be identified with a traumatic or musculoskeletal injury.

ii. If there is any doubt about the origin of the pain or discomfort, or the presentation seems atypical for the mechanism.

2. If the patient is complaining of any of the following

- Nausea/vomiting
- Diaphoresis
- Dizziness
- Patient expression of "Feeling of Doom"

3. If the etiology of the illness indicative of an ACS (Acute Coronary Syndrome)

4. Based on good clinical judgment in the absence of the above.

**Guidelines for Patients with Confirmed STEMI:**

If you have or suspect a STEMI and are going to Strong 12-leads **MUST** be sent via Tempus. Please make sure the patient's name is on the 12-lead before it is sent.

**STEMI alerts:**

1. Hospitals must be notified as soon as possible for all confirmed or suspected STEMIS. This will give the hospital time to activate the Cath Teams.

**Documentation:**

1. If a 12-lead is not performed for the above reason in this SOC, complete documentation must be provided in the PCR of a reason Why.