

**KAISER MEDICAL CARE PROGRAM
ORANGE COUNTY AREA
POLICIES AND PROCEDURES**

TITLE:	CLINICAL LABORATORY P&P MANUAL	INDEX NO:	07-084
SECTION:	SPECIMEN COLLECTION	ORIGIN DATE:	11/2016
SUBJECT:	CODE STEMI PROCEDURE	REVIEW DATE	
		REVISION DATE	

CODE STEMI PROCEDURE

POLICY Laboratory Department personnel will respond during a CODE STEMI to ensure timely assessment and treatment of patients exhibiting EKG changes consistent with ST Segment Elevation Myocardial Infarction. The goal is that STAT CODE STEMI laboratory panel results are reported within 45 minutes from time of physician order.

PURPOSE To outline roles and responsibilities of Laboratory Department personnel during a CODE STEMI patient alert.

**CODE STEMI
PANEL** Stat CODE STEMI panel includes:

- CBC without Diff (include platelets)
- PT (INR)
- Troponin
- BUN
- CREA
- eGFR
- Lytes
- Glucose

Must be completed within 45 min (from order time).

Note: other tests may be ordered, but they are not included in the 45 min turnaround time.

**CODE STEMI
LOG** The Laboratory will maintain a log of patients for which CODE STEMI samples were obtained. The log will include:

- Patient name / MR#
- Tests ordered
- Time received in lab
- Time drawn
- Time ordered
- Time resulted

See attachment A

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CALLING A CODE STEMI When a CODE STEMI patient alert is initiated, the hospital operator activates CODE STEMI panel beepers and overhead pages: “CODE STEMI, [building], [floor], [location]”.

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PROCEDURE The following outlines the roles and responsibilities of Laboratory Department personnel during a CODE STEMI patient alert. Refer to attachment B for process overview.

A. Laboratory Dispatcher

1. Manages CODE STEMI events for the Laboratory Department. When a dispatcher is not available, a phlebotomist will be assigned to carry the pager.
2. When a CODE STEMI is called, identifies the phlebotomist to respond and gives him/her the pertinent information.
3. Documents CODE STEMI events on CODE STEMI PATIENT LOG (see attachment A).

B. Phlebotomy

a. Emergency Department

1. Emergency Department staff will obtain specimens, label them and place in the blue CODE STEMI bag. Laboratory phlebotomist will proceed to Emergency Department for warm hand-off of specimens.
2. In the Laboratory, the phlebotomist will remove from blue bag, place blue dot on sample, and process.
3. Alerts Clinical Laboratory Scientist that samples are for CODE STEMI.

b. In-patient

1. Laboratory phlebotomist will respond to CODE STEMI and draw samples. Samples will be placed in the blue CODE STEMI bag. If a nurse is obtaining the samples, then the Laboratory phlebotomist will receive labeled samples in warm hand-off from the nurse and place in blue CODE STEMI bag.
2. Laboratory Phlebotomist will hand transport specimens to laboratory for immediate processing.
3. In the Laboratory, the phlebotomist will remove from blue bag, place blue dot on sample, and process.
4. Alerts Clinical Laboratory Scientist that samples are for CODE STEMI.

C. Clinical Laboratory Scientist

1. Performs CODE STEMI laboratory panel tests immediately as top priority medical emergency. The goal is to have lab tests resulted within 45 minutes from time of patient presentation.
2. If lab staff encounters specimen with problem
 - Report and document unacceptable specimen.
 - Notify phlebotomist or ED nurse to perform STAT redraw, if needed.

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**QUALITY
ASSESSMENT/
PERFORMANCE
IMPROVEMENT**

The CODE STEMI PATIENT LOG and STAT CODE STEMI test panel turn around time results will be monitored against target of results reported within 45 minutes from time of order. Results will be shared with staff. Outliers will be investigated for performance improvement.

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Document History Page

Change type: New, Major, Minor etc.	Changes Made to SOP – describe	Signature responsible person/date	Med. Dir. Reviewed/ Date	Lab Manager reviewed/ date	Date change Imp.
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New					

Imp. =Implemented