



<b>Policy Title: Code Blue Response</b>	<b>Policy Number: 5002</b>
<b>Owner Department: Patient Care Services</b>	<b>Effective Date:</b>
<b>Custodian: CNO, DONP</b>	<b>Page: 1 of 7</b>
<b>Creation Date: 06/10</b>	<b>Review Date: 06/10, 10/10, 06/11, 07/11, 6/17, 7/20, 04/2023, 8/2023</b>
<b>Approval Date: 08/11, 4/15, 6/17, 07/20, 04/2023, 8/2023</b>	<b>Revision Date: 6/17</b>
<b>Approving Committee: Medical Executive Committee</b>	

## 1.0 Policy Statement

Staff and physicians shall respond to Code Blue announcements as outlined in this policy.

## 2.0 Purpose

### Code Blue Response

**Vacaville Hospital Building, Medical Office Building (B) and Medical Office Building (A)** - The Code Blue team shall be notified and respond

**Central Utility Plant, and Glade and Parking Lot-** 911 notification and response

For codes called in the Medical Office Buildings it is our intent to quickly transport the patient to the Emergency Department as soon as it is safe and reasonable. Full codes are not ideal to be performed in most public areas. The Lead HBS physician in consultation with other physicians will be responsible for determining when the Code Blue team and/or 911 responders may safely transport a patient.

Crash Carts are available in the MOB's in the event that they are needed; otherwise the Code Team will respond, and the patient will be transported to the Emergency department with CPR in progress and utilizing Automatic Defibrillation (AED).

## 3.0 Scope/Coverage

This policy applies to all employees who are employed by the following entities:

**3.1** Kaiser Foundation Health Plan, Inc. and Kaiser Foundation Hospitals (together, KFH/HP);

**3.2** The Permanente Medical Group (TPMG) OR specified groups within TPMG

## 4.0 Definitions

**4.1 OPU- Outpatient Procedure Unit**

**ASU- Ambulatory Surgery Unit**

**CUP- Central Utility Plant**

**ACLS- Advanced Cardiac Life Support**

**PALS- Pediatric Advanced Cardiac Life Support**

**ETCO2- End Tidal Carbon Dioxide**

**NRP – Neonatal Resuscitation Provider**



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### **Definition of Locations**

#### **Hospital, Medical office Buildings, Emergency Department**

<b>AREA</b>	<b>RESPONSE</b>
Hospital Building (including Diagnostic Imaging, ASU and OPU) and sidewalk adjacent to building	Call Code Blue
Medical Office Buildings A and sidewalk adjacent to building	Call Code Blue
Medical Office Buildings B (including Rotunda, Pharmacy and Cafeteria) and sidewalk adjacent to building	Call Code Blue
Central Utility Plants (CUP)	Call 911
MRI	Call Code Blue
ED Entrance & Emergency Vehicle (Ambulance) Parking Area	Call Code Blue
Breezeway from Hospital to MOB A	Call Code Blue / Call 911
Glade (located between CUP, Hospital, MOB A)	Call 911
Pediatric (inpatient, hospital)	Call "Pediatric" Code Blue
Pediatric (outpatient, MOB A)	Call "Pediatric" Code Blue / Call 911
Neonatal (inpatient)	Call "Neonatal" Code Blue
Pregnant Adult (inpatient, hospital)	Call "Pregnant Adult" Code Blue
Pregnant Adult (outpatient, MOB A)	Call "Pregnant Adult" Code Blue/ Call 911

## **5.0 Safety Standards**

- 5.1** Universal Precautions are to be utilized for any procedures in which contact with blood or body fluids is anticipated. This would include gloves for intravenous or arterial punctures and goggles/gowns for procedures which may result in splattering of blood or body fluids.

## **6.0 Provisions/Procedures**

### **6.1 Code Blue Roles and Responsibilities**

<b>Code Blue Team</b>	<b>Responsibilities</b>
<b>Assigned RN; Support Staff</b>	<ul style="list-style-type: none"> <li>Initiates CPR (places patient on back board)</li> <li>Stays in patient's room</li> <li>Calls Code Blue.</li> </ul>



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<b>Code Blue Team</b>	<b>Responsibilities</b>
<b>Assigned RN; Support Staff (cont.)</b>	<ul style="list-style-type: none"> <li>• Ensures crash cart delivered to code site.</li> <li>• Establishes IV access (RN).</li> <li>• Gives report to HBS physician.</li> <li>• Places leads; activates cardiac monitor.</li> <li>• Calls the operator to clear the code.</li> </ul>
<b>HBS Physician (Adult)/ Pediatric HBS (Pediatric)</b>	<ul style="list-style-type: none"> <li>• Manages code response.</li> <li>• Determines when patient is transported for codes called in the Medical Office Buildings.</li> <li>• Receives report from assigned staff.</li> <li>• Speaks with family regarding patient status.</li> <li>• Reviews resuscitation record for accuracy and completeness.</li> <li>• Signs for treatment.</li> <li>• Decides when the Code Blue is all clear.</li> </ul>
<b>Anesthesia</b>	<ul style="list-style-type: none"> <li>• Intubates patient, if indicated</li> <li>• Advanced Airway Management</li> <li>• Vascular Access if indicated</li> </ul>
<ul style="list-style-type: none"> <li>• <b>1st ACLS RN responder (ICU Nurse)</b> <ul style="list-style-type: none"> <li>○ <b>Adult Code Blue</b></li> <li>○ <b>PALS RN (Pediatric)</b> <ul style="list-style-type: none"> <li>▪ <b>Pediatric Code Blue</b></li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Team Leader until physician arrives</li> <li>• Defibrillates if indicated</li> <li>• Assures IV access</li> <li>• Administers medications/infusions</li> <li>• Assists with interpretation of cardiac rhythms</li> <li>• Authority to release excess personnel</li> </ul>
<b>2<sup>nd</sup> RN responder</b>	<ul style="list-style-type: none"> <li>• Documents all resuscitation events in Code Narrator using Workstation on Wheels Exception to Code Narrator documentation, when documentation will occur on an approved Kaiser paper form: <ul style="list-style-type: none"> <li>○ When the patient is not yet registered (e.g., ED or unadmitted neonate)</li> <li>○ During KPHC Downtime</li> <li>○ In outpatient areas other than the Emergency Department</li> </ul> </li> </ul>



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<b>Code Blue Team</b>	<b>Responsibilities</b>
	<ul style="list-style-type: none"> <li>Ensures compressor change every 2 minutes during rhythm check</li> <li>Obtains required sign-offs on Code Narrator</li> </ul>
<b>Respiratory Therapist (could this be combined with the Anesthesia role)</b>	<ul style="list-style-type: none"> <li>Manages airway</li> <li>Assists with intubation</li> <li>Attaches ETCO2 monitor to patient</li> </ul>
<b>Pharmacist</b>	<ul style="list-style-type: none"> <li>Prepares medications for administration</li> <li>Verifies dose and administration rates</li> <li>Provides drug information and recommendations</li> <li>Ensures adequate supply of medications is readily available</li> <li>Reviews the Code Blue Resuscitation Record for completeness regarding medication administration</li> </ul>
<b>Administrative Hospital Supervisor (AHS)/Nurse Manager or designee/Assistant Nurse Manager</b>	<ul style="list-style-type: none"> <li>Ensures family is notified</li> <li>Remains with patient until transport is complete</li> <li>Ensures all patient records/materials transported with patient</li> <li>Verifies ICU room availability</li> <li>Ensures patient is monitored during transport to designated unit</li> <li>Delegates removal of old crash cart and retrieval of new crash cart; completes an AED check arrival of the new crash cart</li> <li>AHS to ensure Debriefing is done after each resuscitative event and document using the Debriefing form.</li> <li>Supports RN with Code Narrator documentation</li> <li>Ensure eRRF completed</li> </ul>
<b>Support Staff/ Patient Care Technician</b>	<ul style="list-style-type: none"> <li>Assists with transport of specimens to lab</li> <li>Obtains transport gurney as needed</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>Accompanies team to location</li> <li>Controls traffic (visitors, personnel) outside room, hallway</li> <li>Directs EMS to location</li> <li>Secures elevators for transportation of patient</li> </ul>



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<b>Code Blue Team</b>	<b>Responsibilities</b>
<b>Operator</b>	<ul style="list-style-type: none"> <li>Announces the All types of Code Blue and location</li> <li>Transfers call to 911 and radios security</li> <li>Documents the Code Blue on designated log</li> <li>Announces when the code blue is “all clear”</li> </ul>
<b>EVS</b>	<ul style="list-style-type: none"> <li>Arrives at the scene for facility support</li> <li>Ensures the area is safe and clean</li> </ul>
<b>Social Services</b>	Provides support to family

#### 7.1 Pediatric Code Blue

- 7.1.1 The Color-Coded Pediatric Crash Cart will be used for all pediatric codes.
- 7.1.2 Emergency medications are administered according to weight-based dosing using the pediatric weight specific emergency drug sheet (printed on admission).
- 7.1.3 In the event of a code, when the emergency drug sheet is unavailable, but the weight is known, the Color-Coded Pediatric Crash Cart : Drug Calculation Sheets & Drip Charts manual (located on top of the Color-Coded carts) is to be used for the weight-specific emergency drug sheets and drip charts.
- 7.1.4 Patients 14 years old and above are considered adults during a Code Blue.

#### 7.2 Neonatal Code Blue

- 7.2.1 Upon notification the patient is neonatal, the hospital operator will:
  - 7.2.1.1 Overhead announce “Neonatal Code Blue”
  - 7.2.1.2 Activate the pager for on-call HBS pediatrician, primary RN and/or transition RN, on-call L & D anesthesia provider, respiratory therapist, pharmacist, house supervisor, security, social work, and FBC ANM.
  - 7.2.1.3 ICU nurses are not required to respond to neonatal code blue.

#### 7.3 Pregnant Adult Code Blue

- 7.3.1 Upon notification the patient is pregnant adult, the hospital operator will:
  - 7.3.1.1 Overhead announce “Code Blue Pregnant Adult”
  - 7.3.1.2 Activation of Code Blue Response team, Obstetrical team, and neonatal team

### 8.0 Documentation of all resuscitation events will be performed

#### 8.1 Per NCAL Regional Resuscitation Policy



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Resuscitation NCAL  
Regional Policy (18920)

## 9.0 References/Appendices

9.1 National EH&S Policy: NATL.EHS.001

9.2 Current NCAL Regional Resuscitation Policy

NATIONAL POLICY AND PROCEDURES		
Policy Name	Topics /Category	Website/Location
Code Blue		
REGIONAL POLICIES AND PROCEDURES		
Policy Name	Topics/Category	Website/Location
NCAL Regional Resuscitation Policy	Resuscitation/Regional	<a href="https://kpnortherncal.policytech.com/?public=true&amp;siteid=59">https://kpnortherncal.policytech.com/?public=true&amp;siteid=59</a>
LOCAL POLICIES AND PROCEDURES		
Policy Name	Topics/Category	Website/Location
<a href="#">Addendum for Worker Safety</a>		



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<b>KAISER PERMANENTE®</b> Vacaville Medical Center		DATE		UNIT/CLINIC	
<b>CODE BLUE RECORD FOR ADULT AND PEDIATRIC</b>					
TIME EVENT RECOGNIZED		ESTIMATED TIME DOWN		WITNESSED by: _____	
Min		UNKNOWN		UNWITNESSED	
REASON FOR CODE BLUE / PRECEDING EVENT		SITE #1		LOCATION	
<input type="checkbox"/> Respiratory arrest <input type="checkbox"/> Hypotension <input type="checkbox"/> Other ALOC		SITE #2		LOCATION	
<input type="checkbox"/> Cardiac arrest <input type="checkbox"/> Syncope				GAUGE	
<input type="checkbox"/> Other dysrhythmia <input type="checkbox"/> Other				GAUGE	
Initial Evaluation:		Breathing <input type="checkbox"/> Yes <input type="checkbox"/> No		Rhythm _____ Rate _____/min	
Conscious <input type="checkbox"/> Yes <input type="checkbox"/> No		Pulse <input type="checkbox"/> Yes <input type="checkbox"/> No		Time Compressions Started _____	
<b>EKG RHYTHM</b>					
ASYSTOLE Brady = Bradycardia CPR V = IDIO Ventricular Rhythm NSR = Normal Sinus Rhythm PACED SVT VF = Vent Fibr VT = Vent Tachy					
Pulse Y/N					
DEFIBRILLATION					
EtCO <sub>2</sub>					
AMIODARONE					
ATROPINE					
CALCIUM CHLORIDE					
DEXTROSE					
DOPAMINE mcg/kg/min					
SODIUM BICARBONATE					
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