



**Center for Clinical and
Translational Research
Standard Operating Procedure**



Section: **Clinical Research Center**

Date Created: **November 1, 2010**

Title: **Medical Emergency (Code Blue)**

Version Date: **January 1, 2023**

SOP Number: **EP01**

PURPOSE: The purpose of this Standard Operating Procedure (SOP) is to outline the steps taken if a medical emergency occurs in either of the Clinical Research Units (CRU) within the Clinical Research Center (CRC).

SCOPE: This SOP applies to all site personnel involved in the care and coordination of clinical research subjects who incur a medical emergency while in the CRUs.

PERSONNEL RESPONSIBLE: Only Basic Life Support (BLS) certified CRC personnel and/or any other certified research study personnel that may discover a subject in a medical emergency. Once the Medical Response Team (consists of the Nursing Resource Coordinator and Security Officers) arrives they will lead the medical interventions.

DEFINITIONS:

- **Medical Emergency** – a situation that results in an individual becoming incapable of seeking treatment on his/her own and requires stabilization and/or transportation to the Emergency Department.

PROCEDURES:

Activation of the Medical Emergency system:

If someone goes into a medical emergency or their status is rapidly declining, Clinical Research Center (CRC) staff in the CRU- University Tower (UT) will:

- Summon help by pulling the emergency cord or yelling for help while remaining at the person's side.
- Note the time.
- Instruct help to call the emergency number. If alone, do it yourself. Dial 402-559-5555, and tell the dispatcher:
 - You have a "medical emergency"
 - Type of medical emergency (e.g., medical, trauma, cardiac arrest)
 - Status of patient (e.g., age, what is level of consciousness/responsiveness, have they fallen, are they able to walk)
- Your location, including:
 - University Tower
 - Clinical Research Unit
 - Room number - 3480
- Do not hang up the telephone until the dispatcher has received all the information they need.
- If appropriate, begin Cardiopulmonary Resuscitation (CPR) and continue CPR until assistance arrives and they take over.



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If someone goes into a medical emergency or their status is rapidly declining, Clinical Research Center (CRC) staff in the CRU- Global Center for Health Security (GCHS) will:

- Summon help by pulling the emergency cord or yelling for help while remaining at the person's side.
- Note the time.
- Instruct help to call 911. If alone, do it yourself. Dial 911 and tell the dispatcher:
 - You have a "medical emergency"
 - Type of medical emergency (e.g., medical, trauma, cardiac arrest)
 - Status of patient (e.g., age, what is level of consciousness/responsiveness, have they fallen, are they able to walk)
 - Your location, including:
 - Global Center for Health Security
 - Clinical Research Unit
 - 3925 Dewey Ave.
Omaha, NE 68198
 - Do not hang up the telephone until the dispatcher has received all the information they need.
 - Notify Nebraska Medicine Security by dialing 402-559-5555. Notify security that you have called 911 for an off campus medical emergency.

If appropriate, begin Cardiopulmonary Resuscitation (CPR) and continue CPR until assistance arrives and they take over.

During the medical emergency:

The CRC staff can provide the following support during a medical emergency until additional support arrives:

- CRC staff will initiate CPR (if appropriate)
- Attempt to maintain an open airway and oxygenation with the use of oral airways, portable oxygen tank and nasal cannula or face mask, and ambu-bag as needed. These items can be found:
 - a. CRU-UT
 - i. Oxygen tank: Procedure room 4
 - ii. Oxygen/airway supplies: wheeled supply cart in procedure room 4
 - b. CRU- GCHS
 - i. Oxygen tank and tubing: Room 2028 in the Donning/Storage room
 - ii. Oxygen/airway supplies: Workstation 2099H in upper left cabinet across from the printer
- The automated external defibrillator (AED) will be applied (if appropriate) and hospital procedure followed. The AED can be found:
 - a. CRU- UT: wheeled supply cart in procedure room 4
 - b. CRU- GCHS: Hallway 2099H across from Exam Room 7



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- The emergency medications are kept on site (see attachment for listing of medications). Emergency medications can be found:
 - a. CRU-UT: Procedure room 4 in the cabinet directly above the sink.
 - b. CRU-GCHS: Workstation 2099H in left upper cabinet across from the printer
- Non-nurse CRC staff will direct emergency personnel to the area.
- Assist with documentation and transfer of patient.
- Notify the CRC Medical Director of the emergency, Research Nurse Manager, and Associate Vice Chancellor of Clinical Research of the situation as soon as possible.
- Notify the Principal Investigator of the emergency as soon as possible.

ASSOCIATED FORMS:

Medication Order Form-Ambulatory Emergency Medication Kit for CRC

RESOURCES:

Nebraska Medicine:

[EC31 – Medical Emergencies Protocol](#)

[CP_RX14 Allergy/Hypersensitivity Management](#)

[CP_NUR_01 Protocol for Treatment of Hypoglycemia in Adult Patients](#)

[CP_NUR_02 Protocol for Treatment of Hypoglycemia in Pediatric Patients](#)

Department Approval

Signed <u>Charles E Miller</u> Clinical Research Center Administrator	Date: <u>5/3/2023</u>
Signed <u>Katie Penas</u> Clinical Research Manager	Date: <u>5/3/2023</u>
Signed <u>Serena Gaines</u> Research Nurse Manager	Date: <u>5/3/2023</u>
Signed <u>[Signature]</u> Assistant Vice Chancellor for Clinical Research	Date: <u>5/3/2023</u>



SERIOUS MEDICINE. EXTRAORDINARY CARE.®

Ambulatory Emergency Medication Box

Date:	Campus Address:
Department Name:	Campus Zip:
Cost Center/Grant#:	Email:
Contact name: (This field is mandatory)	Contact Phone: (This field is mandatory)

PAR	ITEM	QUANTITY (ea)
	Patients greater or equal to 30kg = 66 lbs	
1 vial	Epinephrine 1:1000 (1mg/mL) for injection	
1 inhaler	Albuterol 90mcg inhaler	
1 vial	Diphenhydramine 50mg/1mL vial	
1 vial	Methylprednisolone (Solu-Medrol) 125mg vial	
20mL total	Diphenhydramine oral elixir 12.5mg/5ml	
2 tabs	Acetaminophen 325 mg tabs	
4 tabs	Chewable aspirin 81mg tabs	
1 bottle	Sublingual nitroglycerin 0.4mg tabs bottle	
1 kit	Glucagon Emergency Kit 1mg	
1 vial	Hydrocortisone 100mg/2ml vial	
1 bag	0.9% NaCl 1000mL bag	
1 bag	10% Dextrose 500 mL bag	
2 Units	Epinephrine Auto Injector- 0.3 mg	
1 tube	Oral Glucose Gel	
	Patients less than 30kg = 66 lbs	
1 vial	Epinephrine 1:1000 (1mg/mL) for injection	
1 inhaler	Albuterol 90mcg inhaler	
10mL total	Diphenhydramine oral elixir 12.5mg/5ml	
1 vial	Diphenhydramine 50mg/1ml vial	
1 vial	Methylprednisolone sodium succinate (Solu-Medrol) 125mg vial	
1 kit	Glucagon Emergency Kit 1mg	
1 vial	Hydrocortisone 100mg/2ml vial	

PLEASE DELIVER COMPLETED FORM TO:

Pharmacy Supply
Fax 402-559-9070

For pharmacy supply use only

Filled by: _____

Date: _____

Orders will be placed and sent as soon as possible for restock. Usual timeframe <24 hours.
Pharmacy Supply phone: 402-559-7016