Name of Policy:	Emergency Conditions		
Policy Number:	3364-118-10		
Department:	End Stage Renal Disease Program/ Hemodialysis (Nursing Service)	MEDICAL CENTER	
Approving Officer:	Chief Nursing Officer (CNO)		
Responsible Agent:	Nursing Director, Hemodialysis Unit	Effective Date: 10/1/2023	
Scope:	The University of Toledo Medical Center	Initial Effective Date: September, 1982	
New policy proposal X Minor/technical revision of existing policy   Major revision of existing policy Reaffirmation of existing policy			

## (A) Policy Statement

Emergency conditions will be handled in a specific, effective manner.

## (B) Purpose of Policy

To provide specific protocol in which emergency conditions are handled.

## (C) Procedure

- 1. Cardiac/Respiratory Arrest Code Blue
  - a. Initiate CPR.
  - b. Summon Code Blue Team @ 77 or hit Code button
  - e. Discontinue hemodialysis treatment.
  - d. Maintain hemodialysis access for IV use if necessary.
- 2. Hemolysis of Blood
  - a. Stop hemodialysis treatment.
  - b. Do not return blood in dialyzer and tubing.
  - c. Obtain sample of blood in lavender, and lt. green tube, to confirm hemolysis and evaluate K+.
  - d. If ordered by Nephrologist, obtain sample of dialysate for chemical analysis and osmolarity measurement.
  - e. Biomedical Engineering to check machine before return to service.
- 3. Severe Hypotension
  - a. Lower head of chair or bed.
  - b. Reduce or stop ultrafiltration target.
  - c. Reduce blood flow.
  - d. Use IV normal saline fluid replacement to increase blood pressure.
  - e. Monitor BP closely thereafter.
  - f. Call RRT @2222 if needed
- 4. Air Embolus
  - a. Clamp venous blood line and turn off blood pump.
  - b. Lower head and turn patient on left side in order to prevent as much air as possible from reaching vital organs such as brain, heart, and lungs.
  - c. Administer 100% O2, per non-rebreather mask
  - d. Assess vital signs and neurological status.

e. Call RRT@ 2222 or Call a Code Blue @77 or hit code button if appropriate.

## 5. Prolonged Bleeding

- a. Notify Nephrology Fellow and/or attending.
- b. Stop heparin administration
- c. Control bleeding with pressure.
- d. Use Gelfoam according to manufacturers' recommendation on access sites per physician order.

Approved by:	<b>Review/Revision Date:</b>		
L L V		1983	7/05
		1984	11/06
/s/		1985	6/07
Kurt Kless, MSN, MBA, RN, NE-BC	Date	1986	1/23/08
Chief Nursing Officer	Date	1987	2/10
Chief Nursing Officer		1988	8/11
		1989	8/14
		1990	10/2017
		6/91	9/2020
		7/92	10/2023
		3/95	
	4/96		
		9/97	
		10/98	
	2/00		
	7/02		
		7/03	
Review: Policy & Standard Committee, 8/11, 8 14, 9/2020, 10/2023			
Revision Completed By: Tana Cepek, Lead RN, Hemodialysis			
Unit,			
		Next Review Date:	10/1/2026
Policies Superseded by This Policy:			

It is the responsibility of the reader to verify with the responsible agent that this is the most current version of the policy.