

**University of Iowa
Hospitals & Clinics**

**Department of Nursing
Services and Patient Care
Nursing Clinical Education Center
4 West GH
319-356-1238 Tel**

Dates/Location:

Conference Room
JPP 4999
Tuesday October 13, 2020;
0800-1145
Wednesday, October 14,
2020; 1230-1615

Intended Audience:

Registered Nurses
employed in the MICU &
CVICU at UI Hospital &
Clinics

Fee: There is no fee for this
program.

Optional CE Credits:

2.75 contact hour(s) will be
granted by UIHC
Department of Nursing
(IBN Approved Provider
#34). Participants must
attend the entire session
to receive full credit. No
partial credits will be
awarded.

**Pre-registration is not
required.**

Questions concerning this
program should be directed
to Jennifer Crumley @ 319-
353-6569.

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Iowa, 202 Jessup Hall, Iowa City, IA, 52242-1316,
319-335-0705 (voice), 319-335-0697 (TDD),
diversity@uiowa.edu.

Advanced ECMO Training for the Bedside Nurse

Purpose:

This half day program is designed for experienced nurses caring for adult intensive care
ningpatients receiving extracorporeal membrane oxygenation (ECMO) therapy. There will be
theoretical principles discussed as well as hands-on training.

Objectives:

1. Identify key concepts of ECMO methodology and physiology.
2. Discuss medical and mechanical emergency strategies.
3. Describe patient populations that benefit from ECMO support.
4. Discuss principles that guide patient care management.
5. * Demonstrate how to use equipment to initiate and maintain ECMO support.
6. Verbalize the significance of patient laboratory data and implications for management.
7. Describe and demonstrate the roles of the multidisciplinary team caring for the patient on
ECMO support.
* content not available for nursing CEU credits

Schedule:

0800 / 12:30	Overview and Welcome – Jennifer Crumley, MSN, RN
0805 / 12:35	ECMO Circuit Components and Hands-on– Kristina Rudolph, BSN, RN
0845 / 13:15	ECMO Basics, Indications, Contraindications – Jennifer Crumley, MSN, RN
0945 / 14:15	Break
1000 / 14:30	ECMO Coagulation and Emergency Management – Jennifer Crumley, MSN, RN
1100 / 15:30	* Hands-on / Simulation – basic circuit once over, bubble free connection, hand-cranking
1145 / 16:15	*CEU Recording / Evaluation / Adjourn

Faculty:

Kristina Rudolph, BSN, RN, ECMO Program Director, UI Heart and Vascular Center
Jenn Crumley, MSN, RN, ECMO Program Director, UI Heart and Vascular Center



Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who re- quires an accommodation
in order to participate in this program, please contact the Department of Nursing in advance at (319) 356- 1238.