



Tuesday, November 9th, 2021

- 0730 Registration**
Jennifer Crumley, MSN, RN
- 0800 Welcome & ECMO Training Overview**
Jennifer Crumley, MSN, RN
- 0840 Introduction to ECMO**
Lovkesh Arora, MBBS
- 0920 ECMO Components and Circuitry**
Kristina Rudolph, BSN, RN
- 1000 Break**
- 1020 Physiology of ECMO**
Archit Sharma, MBBS
- 1110 VV ECMO and Respiratory Failure**
Charles Rappaport, MD
- 1200 LUNCH**
- 1300 Introduction to Simulations**
Jennifer Crumley, MSN, RN
- 1320 Chaos Simulation/Debriefing**
Jennifer Crumley, MSN, RN; Kristina Rudolph, BSN, RN
- 1400 Hands-On Circuit Review (Rotaflow/Cardiohelp)**
Jennifer Crumley, MSN, RN; Kristina Rudolph, BSN, RN
- 1500 Break**
- 1515 Hands-On Circuit Review (Rotaflow/Cardiohelp)**
Jennifer Crumley, MSN, RN; Kristina Rudolph, BSN, RN
- 1600 Adjourn**



Wednesday, November 10th, 2021

0800 Cannulation

Sharon Beth Larson, DO, MS, FACOS

0840 Anticoagulation

Lovkesh Arora, MBBS

0920 Case Reviews

Jennifer Crumley, MSN, RN

1000 Break

1020 VA ECMO and Cardiac Failure

Archit Sharma, MBBS

1110 Patient Management

Jonathan Simmons, DO

1200 LUNCH

1300 Hands-On: Pump Review

Jennifer Crumley, MSN, RN; Kristina Rudolph, BSN, RN

1330 Simulations (1-3)

Jennifer Crumley, MSN, RN; Kristina Rudolph, BSN, RN

1515 Break

1530 Jeopardy

Jennifer Crumley, MSN, RN

1600 Adjourn



Thursday, November 11th, 2021

- 0800 ECMO Emergencies**
Mark Pedersen, NEED CREDENTIALS
- 0840 Mobility and ECMO**
Tony Naber, PT, DPT
- 0920 Program Development**
Elizabeth Moore, MBA, RN, BSN
- 1000 Break**
- 1020 Case Reviews**
Dan Dietzel, BSN, RN
- 1120 Ethics**
Aditya Badheka, MBBS, MS
- 1200 LUNCH**
- 1300 Hands-On: Pump Review**
Jennifer Crumley, MSN, RN; Kristina Rudolph, BSN, RN
- 1330 Simulations (4-7)**
Jennifer Crumley, MSN, RN; Kristina Rudolph, BSN, RN
- 1515 Break**
- 1530 Jeopardy**
Jennifer Crumley, MSN, RN
- 1600 Adjourn**



Friday, November 12th, 2021

0800 Hands-On: Pump Review

Jennifer Crumley, MSN, RN; Kristina Rudolph, BSN, RN

0830 Simulations (7-10)

Jennifer Crumley, MSN, RN; Kristina Rudolph, BSN, RN

1200 LUNCH

1300 Exam



OBJECTIVES:

1. Identify key concepts of ECMO methodology and physiology
2. Recognize medical and mechanical emergency and identify strategies to prevent and/or manage
3. Demonstrate an understanding of patient populations appropriate for ECMO support
4. Identify and apply underlying principles necessary for proper patient management
5. Demonstrate effectively how to use varying mechanical circulatory equipment used in ECMO
6. Interpret patient laboratory data and formulate appropriate interventions
7. Describe weaning and trialing criteria for both VA & VV ECMO
8. Determine adequacy of ECMO support for both VA & VV ECMO
9. Identify caregiver roles
10. Integrate closed-loop communication
11. Practice bedside technical and assessment skills
12. Differentiate between multiple cannulation strategies and identify the risks associated with cannulation procedures
13. Describe the process for selecting cannulas
14. List the benefits of awake ECMO
15. List the benefits of mobility on ECMO
16. Outline the need for anticoagulation in ECMO
17. List the methods for LV unloading
18. Explain the role of vasoactive/inotropic medications in VA ECMO

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If this is the first time you are texting your attendance, you must first pair your mobile number to your account. Text your @uiowa email address to (844) 980-0525. You will receive a text notification indicating your phone number has been updated.

Once your account is paired to your mobile number and you have obtained the event code, send the code via text to: (844) 980-0525.

Please note, attendance can only be recorded 15 mins. prior to the activity start time and during the activity. Please text your attendance on the first day, November 9th. You will need to text your attendance to gain access to the daily evaluation. **You only need to text your attendance once.** Do not text your attendance each day.

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