



CANADIAN CRITICAL CARE REVIEW (CCCR)

2021 Webinar Series: Part 1

Thursday, March 18, 2021

Learning Objectives

The learning objectives are developed based on the Royal College of Physicians and Surgeons of Canada objectives of training in Adult Critical Care.

By the end of the program, participants will be able to:

1. Describe evidence-based approaches to assessment of adult patients with critical illness;
2. Develop and implement evidence-based management plans for adult patients with critical illness.

All times noted in the program are in Eastern Time Zone (ET)

Time (ET)	Session	Faculty
11:45 a.m. – 12:00 p.m.	Virtual Check-In	
12:00 p.m. – 12:05 p.m.	Welcome	Program Chairs
12:05 p.m. – 12:50 p.m.	Infection Prevention & Control in the ICU At the end of this session, participants will be able to: <ul style="list-style-type: none"> • assess different modes of infection transmission in intensive care units; • identify the impact of COVID19 infection control policies on clinical care; • assess common pathogens in the critically ill, and optimal strategies for infection prevention and control. 	Srinivas Murthy
12:50 p.m. – 12:55 p.m.	Break / Session Evaluation	
12:55 p.m. – 1:40 p.m.	Pandemic Management At the end of this session, participants will be able to: <ul style="list-style-type: none"> • assess the principles underlying common triage frameworks for the allocation of limited critical care resources; • identify the alternatives to a triage approach, and why these are likely to result in more preventable deaths and a greater threat to human rights. 	James Downar
1:40 p.m. – 1:45 p.m.	Break / Session Evaluation	
1:45 p.m. – 2:30 p.m.	Wellness & Burnout At the end of this session, participants will be able to: <ul style="list-style-type: none"> • assess the influence of “the culture of medicine” on one's definition of wellbeing and resilience; • Identify the unique challenges the pandemic period has created for physician health and wellbeing; 	Shelly Dev

	<ul style="list-style-type: none"> • assess opportunities by which an individual can create culture change. 	
2:30 p.m. – 2:35 p.m.	Break / Session Evaluation	
2:35 p.m. – 3:20 p.m.	<p>Acute Respiratory Failure: ARDS</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • Review the diagnostic criteria for patients with ARDS; • Describe the therapeutic approach to managing the patient with ARDS. 	Ken Parhar
3:20 p.m. – 3:25 p.m.	Break / Session Evaluation	
3:25 p.m. – 4:10 p.m.	<p>Non-Invasive Mechanical Ventilation / HFNC (High Flow)</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • describe the physiological effects of noninvasive ventilation and nasal high-flow therapy; • outline noninvasive ventilation and nasal high-flow therapy; • assess the risks, the limitations and the unknown of each technique in each indication. 	Laurent Brochard
4:10 p.m. – 4:20 p.m.	Session Evaluations – Completion of all	
4:20 p.m. – onwards	Please visit the exhibit hall located in the portal at your leisure!	



CANADIAN CRITICAL CARE REVIEW (CCCR)

2021 Webinar Series: Part 2

Thursday, April 15, 2021

Learning Objectives

The learning objectives are developed based on the Royal College of Physicians and Surgeons of Canada objectives of training in Adult Critical Care.

By the end of the program, participants will be able to:

1. Describe evidence-based approaches to assessment of adult patients with critical illness;
2. Develop and implement evidence-based management plans for adult patients with critical illness.

All times noted in the program are in Eastern Time Zone (ET)

Time (ET)	Session	Faculty
11:45 a.m. – 12:00 p.m.	Virtual Check-In	
12:00 p.m. – 12:05 p.m.	Welcome	Program Chairs
12:05 p.m. – 12:50 p.m.	Toxicology and Drug Overdoses At the end of this session, participants will be able to: <ul style="list-style-type: none"> • Describe the clinical presentations for common intoxications and overdoses in critically ill patients; • Identify specific management strategies and key antidotes used in critically ill patients and toxicology; • Examine important differences in managing shock in a poisoned patient. 	Alya Kamani
12:50 p.m. – 12:55 p.m.	Break / Session Evaluation	
12:55 p.m. – 1:40 p.m.	Sepsis At the end of this session, participants will be able to: <ul style="list-style-type: none"> • assess pathogenesis and immune response to sepsis; • review the diagnostic criteria for sepsis; • review treatment of septic illnesses; and • assess preventative infection control techniques. 	Bram Rochweg
1:40 p.m. – 1:45 p.m.	Break / Session Evaluation	
1:45 p.m. – 2:30 p.m.	Cardiovascular care of ICU patients At the end of this session, participants will be able to: <ul style="list-style-type: none"> • interpret common critical care ultrasound and echocardiogram images. Be able to 	Jeff Shaw

	<p>direct care through ultrasound interpretation;</p> <ul style="list-style-type: none"> • interpret pressure volume loops and venous return tracings in normal and pathological states; • identify different causes of cardiogenic shock and acute heart failure in order to guide treatment decisions. 	
2:30 p.m. – 2:35 p.m.	Break / Session Evaluation	
2:35 p.m. – 3:20 p.m.	<p>Arrhythmias</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • apply a diagnostic approach to arrhythmias encountered in the ICU; • identify principles of management. 	Shaheeda Ahmed
3:20 p.m. – 3:25 p.m.	Break / Session Evaluation	
3:25 p.m. – 4:10 p.m.	<p>Nutrition in the ICU</p> <p>At the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> • assess the caloric and nutrient requirements in critically ill patients; • indicate specific nutritional therapies (enteral vs. parenteral); • Identify the role/utility of metabolic assessments in the ICU – monitoring response to therapy. 	Kristen MacEachern
4:10 p.m. – 4:20 p.m.	Session Evaluations – Completion of all	
4:20 p.m. – onwards	Please visit the exhibit hall located in the portal at your leisure!	



CANADIAN CRITICAL CARE REVIEW (CCCR)

2021 Webinar Series: Part 3

Thursday, May 6, 2021

Learning Objectives

The learning objectives are developed based on the Royal College of Physicians and Surgeons of Canada objectives of training in Adult Critical Care.

By the end of the program, participants will be able to:

1. Describe evidence-based approaches to assessment of adult patients with critical illness;
2. Develop and implement evidence-based management plans for adult patients with critical illness.

All times noted in the program are in Eastern Time Zone (ET)

Time (ET)	Session	Faculty
11:45 a.m. – 12:00 p.m.	Virtual Check-In	
12:00 p.m. – 12:05 p.m.	Welcome	Program Chairs
12:05 p.m. – 12:50 p.m.	Gastroenterology in ICU	Dean Karvellas
12:50 p.m. – 12:55 p.m.	Break / Session Evaluation	
12:55 p.m. – 1:40 p.m.	Endocrine Emergencies	Hilary Meggison
1:40 p.m. – 1:45 p.m.	Break / Session Evaluation	
1:45 p.m. – 2:30 p.m.	Deceased Donation and the Role of the Intensivist At the end of this session, participants will be able to: <ul style="list-style-type: none"> • review the role of the intensivist in the deceased organ donation process; and • review the principles of donor identification and referral, donation after circulatory or neurological determination of death, and donor management. 	Sam Shemie
2:30 p.m. – 2:35 p.m.	Break / Session Evaluation	
2:35 p.m. – 3:20 p.m.	Neurological Critical Care At the end of this session, participants will be able to: <ul style="list-style-type: none"> • describe a best-practice approach to the management of subarachnoid hemorrhage; • review the evidence-based treatment of intracerebral hemorrhage; • develop a stepwise approach to the management of status epilepticus. 	Victoria McCredie
3:20 p.m. – 3:25 p.m.	Break / Session Evaluation	
3:25 p.m. – 4:10 p.m.	The Recovery Journey / Frail Populations At the end of this session, participants will be able to: <ul style="list-style-type: none"> • review outcomes after critical illness for patients and families; 	Margaret Herridge

	<ul style="list-style-type: none"> • review risk factors for disability and poor HRQoL after critical illness for patients and families with a focus on frailty; • assess the current research on COVID-19 and extrapolate relevant information from the ARDS and SARS literature. 	
4:10 p.m. – 4:20 p.m.	Session Evaluations – Completion of all	
4:20 p.m. – onwards	Please visit the exhibit hall located in the portal at your leisure!	



CANADIAN CRITICAL CARE REVIEW (CCCR)

2021 Webinar Series: Part 4

Thursday, June 24, 2021

Learning Objectives

The learning objectives are developed based on the Royal College of Physicians and Surgeons of Canada objectives of training in Adult Critical Care.

By the end of the program, participants will be able to:

1. Describe evidence-based approaches to assessment of adult patients with critical illness;
2. Develop and implement evidence-based management plans for adult patients with critical illness.

All times noted in the program are in Eastern Time Zone (ET)

Time (ET)	Session	Faculty
11:45 a.m. – 12:00 p.m.	Virtual Check-In	
12:00 p.m. – 12:05 p.m.	Welcome	Program Chairs
12:05 p.m. – 12:50 p.m.	Weaning - Mechanical Ventilation	Karen Bosma
12:50 p.m. – 12:55 p.m.	Break / Session Evaluation	
12:55 p.m. – 1:40 p.m.	Acute Kidney Injury & Renal Replacement Therapies	Jan Friedrich
1:40 p.m. – 1:45 p.m.	Break / Session Evaluation	
1:45 p.m. – 2:30 p.m.	Infectious Diseases in the ICU At the end of this session, participants will be able to: <ul style="list-style-type: none"> • Review common ICU infections and their management; • Recognize infections not to be missed in the critically ill; • Describe mechanisms of antimicrobial resistance including example pathogens. 	Wendy Sligl
2:30 p.m. – 2:35 p.m.	Break / Session Evaluation	
2:35 p.m. – 3:20 p.m.	TBA	TBA
3:20 p.m. – 3:25 p.m.	Break / Session Evaluation	
3:25 p.m. – 4:10 p.m.	ICU Hematology At the end of this session, participants will be able to: <ul style="list-style-type: none"> • assess the work up and management of thrombocytopenia in the ICU; • review current evidence and best practice concerning anticoagulation in COVID-19 and sepsis; • employ a practical approach to the management of thrombosis in critically ill patients. 	Ryan Zarychanski
4:10 p.m. – 4:20 p.m.	Session Evaluations – Completion of all	

4:20 p.m. – onwards

Please visit the exhibit hall located in the portal at your leisure!

Thank You to Our Sponsors

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