

Department of Emergency Medicine

# Weekly <sup>email</sup>

Updates for ED Physicians

September 21, 2021 Edition

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## Notes from Eddy & Neil

[Click here to read](#) Sept 21 version of Notes from Eddy & Neil.

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## COVID-19

### SPECIAL COVID CORNER TOMORROW EVENING COVID Corner: Update to Inpatient Management of COVID19

on  
Wednesday, September 22, 2021  
7:00 – 8:30 PM MDT

Learning Objectives:

1. Describe the therapeutic options available for medical inpatients with COVID19 and when to use dexamethasone, remdesivir, monoclonal antibodies, tocilizumab, therapeutic anticoagulation and prone positioning
2. Review the updated DoM-PLP infographic on the inpatient management of COVID19 and additional resources to assist clinicians during the fourth wave

Moderators: Kelly Burak and Kerri Johannson

Speakers: Alain Tremblay, Tania Pannu, Jason Weatherald

Panelists: Members of Department of Medicine and Calgary Hospitalists

**[Please click on this web link](#) on Wednesday, September 22nd** before the session starts at **7:00 P.M. MDT** in order to join the webinar.

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## COVID in Pregnancy

Please see [this primer for management of Covid in pregnancy](#) (written by OBIM physicians). A finalized version of the flowsheet will be distributed when approved by ER-SCN and MNCY.

-Colin Birch

[colin.birch@ahs.ca](mailto:colin.birch@ahs.ca)

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## Operations

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### SCM Updates!

#### ED COVID-19 Order Set

Effective September 23, 2021, the tocilizumab inj – COVID-19 order item has been updated in the ED COVID-19 order set due to its use in the treatment of COVID-19. The update reflects current dosing guidelines as follows:

- Tocilizumab inj – COVID-19 order items can be found under the Other Immunomodulatory section of the order set

There are now 2 orders for tocilizumab inj – COVID-19 based on patient weight:

- For patients greater than 40kg: 400mg IVPB
- For patients less than 40kg: 8mg/kg

#### Tessa Moore, RPhT

Clinical Informatician | IT Clinical Systems User Support – Calgary Zone | Email: [tessa.moore@ahs.ca](mailto:tessa.moore@ahs.ca)

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### Acute Injury Clinic at Access Orthopaedics

The [Acute Injury Clinic at Access Orthopaedics](#) is a new clinic currently staffed by Dr. Allison Foran that provides a follow up option for non operative fractures of the upper and lower extremities and acute MSK injuries such as shoulder dislocations and traumatic knee injuries in patients < 50. The clinic is happy to see WCB patients and will see patients from any ED. This provides an alternative to cast clinic and is already seeing patients decanted from the current cast clinics. The clinic has access to advanced imaging. The clinic will not see injuries that require operative intervention at the time of referral but does have links to orthopaedics should the nature of the injury evolve. Please direct any questions to Allison Foran at [foran@ualberta.ca](mailto:foran@ualberta.ca).

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**CPSA consultation on the standard of practice related to episodic care** The CPSA has [put out a consultation on the standard of practice related to episodic care](#). This represents some changes from the prior SOP, and is directly relevant to us as Emergency physicians. It will be out for review for a month and can be found here, along with those for Telemedicine and Continuity of Care. Please take a few minutes to weigh in on these changes.

-Ian Walker

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## YYC ED Specific

### DSED Pilot - Go Live today

The FMC is conducting a pilot study in the use of Double Sequential External Defibrillation. Many of you will be familiar with this defibrillation technique but we hope to pilot its use in a systematic manner so that it when it is used it can be done so safely and efficiently. Please see the below FAQ and the video links for a quick how-to. Special thanks for Leanne Norrena for spearheading this project and to the FMC Admin Group for their support.

#### FAQ: Double Sequential External Defibrillation (DSED)

##### What is it?

Defibrillating sequentially using 2 defibrillators and 2 sets of pads on the patient.

- May be of benefit for patients in refractory VF (no ROSC after 3 shocks).

##### Why Would It Work?

- Thought to defibrillate more myocardium.
- Check [out this study of a recent Canadian feasibility RCT](#)

##### Who Should Get It?

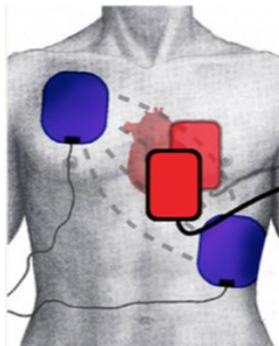
- Important to select patients at higher chance for good neurologic outcome.
- Witnessed arrest; immediate high quality CPR; Good pre-arrest state.

### When Do I do It?

- Optimally administered at the 4th defibrillation attempt.
- Can still be used later in resuscitation
- Plan and prepare for DSED early

### How Do I Do It?

- Think about it early in your resuscitation
- Direct your HCA/RN to get the DSED (second) defibrillator asap
- Apply 2nd set of pads in alternate vector from the 1st set of pads (see image)



- Avoid pad contact with the LUCAS suction cup
- Apply during pulse checks. Don't interrupt CPR.
- DSED at 4th shock or later
- Both at 360J with 1 second pause between discharges.
- Continue resuscitation using DSED.

Please watch these videos "[DSED with Manual CPR](#)" and "[DSED with Lucas Device](#)". The videos and FAQ are available in the MyED app, use master search term "double sequential external defibrillation".

Contact Adam Oster ([adam.oster@ahs.ca](mailto:adam.oster@ahs.ca)) or Miles Hunter ([mmhunter@ucalgary.ca](mailto:mmhunter@ucalgary.ca)) for info/questions.

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### Preceptors Needed! Evidence Based Medicine Small Groups Year 1

AEBM small groups will be held via ZOOM in October and may then move to in-person depending on public health orders. Commitment is flexible - sign up for one 2 hour session or for all.

|              |            |                                  |
|--------------|------------|----------------------------------|
| Oct 14       | 130-330 PM | Small Group 1: Therapy           |
| Oct. 28      | 130-330 PM | Small Group 2: Diagnosis         |
| Nov. 25      | 130-330 PM | Small Group 3: Prognosis         |
| Jan 13, 2022 | 130-330 PM | Small Group 4: Systematic Review |
| Feb. 10      | 130-330 PM | Small Group 5: Guidelines        |

The small group session runs from 1:30 – 3:30 pm during which students will review concepts related to the lecture and walk through a critical appraisal exercise. The main purpose of the session is to practice critical appraisal of a study (Therapy, Diagnosis, Prognosis, Systematic review and Guidelines), while reviewing basic epidemiological concepts. The students are expected to have read the study provided in advance and 2-3 of the students have been pre-selected to lead the discussion of the article. If interested and for more information, contact:

Nicolle Begert  
Program Coordinator | UME  
[aebm@ucalgary.ca](mailto:aebm@ucalgary.ca)

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## PSF Application - Open

PSF application is open. See [attached PSF mandate and process](#) and [application form](#).

**Deadline for submission: October 8, 2021**

**Next withdrawal: October 12, 2021**

**Note:** April & October 2021 contribution receipts will be sent in November 2021.

Thank you!

Lilian

On behalf of the PSF Committee

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## Seeking PLC ED staff who care for patients who use opioids

Canada is currently facing dual public health crises: the opioid crisis and COVID-19. Have you provided ED care to patients who use opioids during COVID-19, directly or indirectly? If yes, make your voice heard.

Participate in a study exploring the impact of COVID-19 on patients accessing the PLC ED for opioid-related care. The study involves participating in a 1-hour interview over phone or Zoom. The interview will ask about your experiences caring for patients who use opioids while following COVID-19 protocols. You will receive a \$50 e-gift card of your choice, if participating outside of regular work hours.

If you are interested in participating please contact Nicole Gehring ([ngehring@ualberta.ca](mailto:ngehring@ualberta.ca); 780-886-4006).

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## RESPONSES NEEDED! Difficult Airway Management Cart Survey

The difficult airway management (DAM) carts in the Calgary zone adult sites were revised in the fall of 2019. We are following up with a feedback survey to determine if the changes have been positive and if any further revisions need to be made to improve usability. *Your feedback is invaluable.* Please complete this 5-10 minute survey at your earliest convenience. The survey will be open until September 10, 2021. Your responses will be kept anonymous, however, if you wish to provide feedback directly or discuss anything related to the DAM carts, please contact [Tona.Laerz@AHS.ca](mailto:Tona.Laerz@AHS.ca) or Dr. Jonathan Gaudet at [jgaudet@ucalgary.ca](mailto:jgaudet@ucalgary.ca).

Click the link to access the survey or scan the QR code to access the survey from a mobile device:

### [DAM Cart Physician Feedback Survey](#)

Please [see attached a pdf with images of the cart with equipment lists](#). This information is also at the end of the survey.

The carts have been audited to determine if there have been any changes made to layout or equipment stocking since implementation.

We will also be looking for RLS reports related to the DAM cart. The RLS system enables staff and physicians to report adverse events, close calls and hazards to help make patient care safer by sharing learnings and improvements made. You should report any event, close call or hazard as this provides valuable information that brings attention to any areas of concern and helps us improve patient safety.

Tona Laerz RRT, BSc  
Education Consultant II  
Respiratory Services

Phone 403-944-3209, Pager 02729  
[Tona.Laerz@albertahealthservices.ca](mailto:Tona.Laerz@albertahealthservices.ca)

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## Wellness Update!

### Moral Dilemmas

As healthcare workers we are faced with moral dilemmas almost daily. Since the start of the pandemic the degree and amount of moral dilemma, and potentially distress we face has been significantly amplified.

We are exposed to situations where our values, principles or moral commitments may not align with what actually happens in practice. Some examples from the last year are the pain we feel not allowing families to be with their

suffering loved ones, the frustration of having patients wait for hours to be seen as patient spaces are blocked due to isolation, the indignation we feel when people choose not to be vaccinated and then present for our care. Why should we care when they seemingly don't?

This causes psychological, emotional, physical distress and suffering. It's a pervasive occupational hazard for health care workers. And it can cause harm: sometimes from a single event but more often from the cumulative distress. We may face moral injury. It's hard. And it's normal and common to feel the distress. But what must we do to prevent or heal from these potential injuries?

In addition to our Peer Support resource and PFSP below is a link a webinar on Moral Distress presented from AMA, PFSP and WellDoc AB.

<https://www.albertadoctors.org/services/pfsp/resources/moral-dilemmas>

Attached are [2 documents with a framework for working through moral distress](#).

We can stand in solidarity together, offering support and understanding. Just like physical injuries that require attention and healing so do our moral injuries.

## **Sarah McPherson**

### **September Happiness Challenge**

It's September and it's been a great summer but also a very busy one. After a year and a half of a pandemic and all the other stressors of the year I can feel the stress mounting. I think it's time to actively rest and restore.

Check out the website and the August and September videos to learn more.

Click here to discover more: [www.yycemhappinesschallenge2021.com](http://www.yycemhappinesschallenge2021.com)

Click here to watch the August video <https://www.youtube.com/watch?v=PMKoji6xxPU>

And the September video [https://www.youtube.com/watch?v=BeGP\\_eMyg\\_I](https://www.youtube.com/watch?v=BeGP_eMyg_I)

### **Wellness Supports**

1. Call your Peer Support Team. [HERE are their phone numbers \(updated Feb 2021\)](#). ThePeer Support Team member can provide an empathetic ear, screen for safety and guide you to resources that exist in our community (i.e PFSP).
2. Call Physician and Family Services (PFSP) – 1877SOS4MDS. THIS LINE IS AVAILABLE 24/7. You have 6 free hours of counselling for yourself and 6 free for your family members.

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## **Grand Rounds & Journal Club**

### **Sept 23 ACH City Wide Rounds / Sept 24 Trauma Rounds**

#### **Of Special Note:**

- 1) Session #1 has been moved to Fri Sept 24 (see [attached poster](#))
- 2) Sessions #2 & #3 remain on Thurs, Sept 23.
- 3) Each session has its own unique Zoom & attendance links.

**Event:** ACH Emergency Medicine Rnds - Trauma, City-Wide & Division Rnds

**Date:** September 23, 2021

**Time:** 0900 – 1130

**Note: Session #1** Rescheduled to **Friday Sept 24**, please join us then

**Session #1:** Trauma Rnds (0730 – 0830)

**Speaker:** Drs. Mulvey, Kennedy, Carter, Oliverio

**Topic:** Facial Trauma & the new Difficult Airway Activation

**Zoom Link # 1** <https://cutt.ly/IWZglo7> / Meeting ID: 931 3968 2144 Passcode: 600494

**Session #2:** Thurs, Sept 23 - City-Wide Rnds (0900 – 1000)

**Speakers:** Dr. N. Monfries & Dr. P. Ukrainetz

**Topic:** Meticulous Mediollegal Pearls and Pitfalls in the era of Electronic Charting

**Zoom Link # 2** <https://ucalgary.zoom.us/j/98773057564> / Meeting ID: 987 7305 7564 Passcode: 723846

**Attendance & Eval Link:** [https://survey.ucalgary.ca/jfe/form/SV\\_39qLgOEEV7ZViXs](https://survey.ucalgary.ca/jfe/form/SV_39qLgOEEV7ZViXs)

**Session #3:** Thurs, Sept 23 - PEM Division Rounds (1030 – 1130)

**Speakers:** Dr. J. D'Mello

**Topic:** Resuscitation Rounds – Airway Update

**Zoom Link # 3** <https://ucalgary.zoom.us/j/97397131023>

**Meeting ID:** 973 9713 1023 **Passcode:** 734410

**Attendance & Eval Link:** [https://survey.ucalgary.ca/jfe/form/SV\\_bNHwdSve6sF3IRo](https://survey.ucalgary.ca/jfe/form/SV_bNHwdSve6sF3IRo)

**Please don't share the zoom link and connection details on social media or any website.**

**Evaluation & Attendance Form:**

See above links unique to each session.

If you require further info on the ACH Rounds please email the coordinators listed below:

[Heather.Numrich@albertahealthservices.ca](mailto:Heather.Numrich@albertahealthservices.ca)

[Gertrud.Vandermeij@albertahealthservices.ca](mailto:Gertrud.Vandermeij@albertahealthservices.ca)

[Tanya.Borthwick@albertahealthservices.ca](mailto:Tanya.Borthwick@albertahealthservices.ca)

[Sherry.MacGillivray@albertahealthservices.ca](mailto:Sherry.MacGillivray@albertahealthservices.ca)

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**Anesthesia Rounds Sept 24, 2021 07:00 - Canadian Airway Focus Group (CAFG)  
Recommendations for Difficult Airway Management**

**Event:** Anesthesia Rounds

**Date/Time:** September 24 @0700

**Presenter:** Meredith Hutton PhD MD FRCPC, Anesthesiologist, Peter Lougheed Centre

**Title:** Canadian Airway Focus Group (CAFG) Recommendations for Difficult Airway Management (2021 Update) & Review of COVID Considerations for Airway Management

**Objectives:**

1. To review the recently published 2021 CAFG Airway Recommendations
2. To describe the scalpel-bougie surgical cricothyroidotomy
3. To review considerations for airway management of COVID patients

Please [click here to join the webinar](#).

Passcode: 274676

Canada: +15873281099,,98293931449# or +16473744685,,98293931449# Or Telephone: Dial(for higher quality, dial a number based on your current location): Canada: +1 587 328 1099 or +1 647 374 4685 or +1 647 558 0588 or +1 778 907 2071 or +1 438 809 7799

Webinar ID: 982 9393 1449

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**Cancellation Notice – Emergency Medicine Grand Rounds – National Day for Truth and Reconciliation, Sept 30:**

Our regularly scheduled *Emergency Medicine Grand Rounds* on September 30 (0900-1000) have been cancelled.

In place of the rounds, you are invited to attend the following Special Event hosted by *Indigenous Health Program* – University of Calgary.

**Event:** Film Screening of “The Unforgotten”

**Time:** 0900 a.m. to 1030 a.m.

**Moderator:** Dr. Pam Roach & Colleagues

**Pre-Registration Required:** <https://cutt.ly/xEdEKY9>

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**Recording Link: Sept 16, 2021 ED Grand Rounds**

**Session #1 Speaker:** Dr. Scott Wakeham, R2 Emergency Medicine Resident (FRCPC)

**Topic:** Beds Are Burning: Climate Change and Emergency Medicine

**Session #2 Speaker:** Dr. Alex Gregory MD FRCP, Assistant Professor, Dept. Anesthesiology

**Topic:** *REVERSE IT*: Phase 3 Study of a novel Ticagrelor reversal agent

**Recording link:** <https://youtu.be/1ct3oD-vjJ0>

**Recording Link: Sept 09, 2021 ED Grand Rounds**

**Speaker:** Dr. Saleem Razack MD, FRCPC

**Topic:** Equity, Diversity and Inclusion in Emergency Medicine: Setting the Stage for Diverse Human Flourishing.

**Recording link:** <https://youtu.be/jrY3PrCAYSM>

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## CME

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**Join for free:** [Cardiac Services BC's Symposium on Cardiogenic Shock](#) | Tuesday, Oct 5

Oct 5 (Tue) | 1700–1915 PDT | [+Add to calendar](#)

**Target Audience:** specialists, cardiologists, surgeons, internists, nurse practitioners, registered nurses, paramedics, allied health professionals & residents.

**Up to 2.25 MOC Section 1 credits**

[Learn More & Register](#)

**Highlights:**

- Early Recognition: New definitions, stages, and the role of endomyocardial biopsy | **Dr. Josh Wenner**
- Treatment Options: Mechanical Circulatory Support Therapies in Cardiogenic Shock | **Dr. Yoan Lamarche**
- Benefits of Cardiogenic Shock Teams - The Ottawa Experience | **Dr. Sharon Chih**

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### EDI LUNCH & LEARN - DECOLONIZING YOUR SYLLABUS: REFLECTING ON HOW, WHAT & WHO YOU TEACH

Due to overwhelming interest, we are excited to offer an extended presentation by **Dr. Pamela Roach** on “**Decolonizing your Syllabus**” at October’s EDI Lunch & Learn. Dr. Roach will discuss **epistemic racism**, guide participants in implementing the **principles of decolonization** into syllabi, course outlines, & course planning, and show how to develop a plan for tangible **changes in teaching & education**.

**Space is limited so be sure to sign up quickly!!**

**WHO:** Hosted by OPED, OFDP & ILGHO

**WHAT:** EDI Lunch & Learn – Decolonizing your Syllabus: Reflecting on How, What & Who you Teach

**WHEN:** October 7, 2021 12:30 – 2:00 PM

**WHERE:** ZOOM

**HOW:** Register at: <https://www.eventbrite.ca/e/167109612349>

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### Fall CSM Fac Dev Workshops

**EFFECTIVE STRATEGIES FOR PROVIDING FEEDBACK (2 parts)**

Thursday, October 7, 2021

9:00 AM – 10:30 AM MDT

[Sign Up Now!](#)

Wednesday October 20, 2021

3:00 PM – 4:30 PM MDT

[Sign Up Now!](#)

[RESEARCH Orientation for New Faculty](#) - Oct 6, 2021

[Media Training 101](#) - Oct 20, 2021

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## Opportunities

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### Locum and full-time employment opportunities in PEI

PEI has had strong public health leadership and good support from our provincial government and local community such that we have only had a handful (literally less than 10) admissions for COVID-19 in the province and no deaths so far through the entire pandemic. Working here would be a nice break for many of our colleagues who are suffering burnout from managing all the COVID illness.

We are currently recruiting to fill 4 full time positions and are covering empty shifts with locums.

I'm including an updated [brief information file](#) that answers basic questions about our ED. Please feel free to share this widely.

Our locum support program currently pays for return travel to PEI, licensing and medical society fees, and \$200 per day worked and are considering improving this support.

Contact: [steven.macneill@pei.sympatico.ca](mailto:steven.macneill@pei.sympatico.ca)

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### Seeking Medical Director for Winsport COP

Duties include overseeing BLS and ALS protocols for patrollers and Paramedics at the entire facility, acting as Medical Director for amateur and World Cup events at the facility, teaching patrol and staff on seasonal training days, being advisor for patrol and Dispatch, amongst others. Remuneration is not monetary, it is a yearly Family Pass to the hill and a yearly pass for you and your partner to the Winsport gym (Performance Training Centre). Time commitment is not huge; commitment goes up around World Cup events, but it is still not onerous.

If you are interested in applying, please send a resume and covering letter to Nathan Van Norman (Senior Manager, Public Safety and Risk, Winsport) at [nvannorman@winsport.ca](mailto:nvannorman@winsport.ca)

Please feel free to email Carrie Hiscock with ANY questions [carrie.hiscock@shaw.ca](mailto:carrie.hiscock@shaw.ca). It's time to hand over the torch after 12+ years.

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## Kudos Corner

Kudos to Dr. Bryan Weber and Dr. Conor McKaigney on their patient commendation.

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