



Department of Emergency Medicine

Weekly **email**

Updates for ED Physicians

Feb 04. 2020

Operations

Safety Reminder - Heparin with TNK

We recently had a case where a patient received TNK for a STEMI due to the fact that the cath lab was busy. This is an uncommon, but high risk, event for us. In this case, no heparin / LMWH was given. In reviewing the case, it seems likely that this omission was facilitated by the use of verbal orders, as well as our general lack of familiarity with thrombolizing STEMI's.

Going forward, please remember the heparin with the TNK, but also more generally consider entering orders yourself whenever possible, or at the very least entering them after the fact, and in so doing verifying that nothing was missed.

Thanks
Ian Walker for the admin group

ESCN #EMERGING News Special Edition: 2019 nCoV

The Emergency Strategic Clinical Network™ is working closely with Alberta Health Services' Emergency Coordination Centre (ECC) in it's response to the 2019 novel-Coronavirus (2019-nCoV). In this special edition, the ESCN will provide important updates and information for all Emergency Departments (ED) and Urgent Care Centres (UCC) to prepare them to minimize the impact of this virus.

[Click here to read.](#)

Physician Participation Needed!

Med 440/AEBM Preceptors Needed!

Students are currently looking for preceptors willing to take them on for the med440 (applied evidence based medicine) course at the medical school. There are students at the beginning of second year who are interested in emergency medicine. They are looking for 24h of clinical exposure between April 21 and September 1, 2020 which works out to a total of 3 shifts over 4 months. If you are willing to take on a student for this, email either Meira calgaryelectives@gmail.com or Tris cgyemergelectives@albertahealthservices.ca and we will match you up. The students need to be matched by late February, so we need preceptors to commit now. We have already had several student requests!

To clarify the elective/shadowing policy and opportunities:

1. Med440: U of C students in second year. 24h over 4 months. Matches are arranged by Tris and myself. Once shifts are arranged they get sent to Tris for IP&C tracking. **April 21-May 19, and July 21-Sept 1, 2020.**
2. Preclerkship Electives: U of C students in second year. 1-3 week electives, 4 shifts per week. Students find their own preceptors and can be split between two preceptors if needed. Once shifts are arranged they get sent to Tris for IP&C tracking. **June 29 - July 19, 2020**
3. Shadowing: U of C students only. Students have a list of preceptors that have agreed to be contacted for shadowing. If you want to be added to the list, please email Meira. Once shifts are arranged they get sent to Tris for IP&C tracking. **Clerks CANNOT shadow** due to UME rules, so it should only be pre-clerks asking to shadow.
4. Elective students: Official electives are applied for through Meira and scheduled on medevision. These are all clerkship students.

Thanks

Meira Louis, MD, FRCPC

ED Staff POCUS Hands-On Session!

The Calgary ED POCUS Hub is proud to provide Calgary ED staff physicians with the second hands-on ultrasound training session supported by the PSF. The first session in December on advanced cardiac applications was a lot of fun and well received by the participants. **This session will cover peripheral nerve blocks (femoral, forearm) as well as peripheral IV starts.**

The session will be **February 20 from 1030-1230** at the ATSSL. The session will accommodate 20 participants. Please RSVP to myself to sign up for the session.

The sessions are supported by the PSF and thus PSF members will have priority sign up. Please note there will be a \$200 charge if a participant cancels within 24 hours unless the spot can be filled by another participant.

2020 Staff Simulation Sessions:

Please click on the link to sign up for February 19 session RGH.

<https://www.signupgenius.com/go/5080d4ca5ac2eaaff2-20201>

R2C2 Facilitated Feedback Workshops - Feb 28 and Mar 4

This is a reminder about the two upcoming [R2C2 Evidence-Informed Facilitated Feedback Workshops](#) which will be held on the following dates:

- **February 28, 2020** 9:00 – 11:00 am

- **March 4, 2020** 1:00 – 3:00 pm

Both sessions will be held in room [G43A of the PGME office block](#) of the Foothills Medical Center (FMC).

For those individuals that are interested in attending the session, this workshop is accredited and participants will be able to claim 2.0 hours of section 1 credits with the Royal College of Physicians and Surgeons of Canada.

Request for Nominations: FMC Service Recognition Awards

Once again the Foothills Medical Centre Medical Staff Association would like to recognize physicians from various departments with the FMC Service Recognition Awards. Dr. Rachel Grimminck, President of the FMC MSA, invites you to nominate individuals from your department who deserve special recognition for their service at FMC.

You can **submit your nomination(s) by emailing zmsadmin@albertadoctors.org with the following information:**

- Name and Department of the nominee
- Name of the person or persons nominating the individual
- Reasons the department feels this physician deserves special recognition

Nomination deadline: February 21, 2020

We are also seeking nominations for our Physician of the Year Awards (Resident, Early Career Physician and Established Physician) and Diversity and Inclusion Award. More information about these awards and previous winners can be found on our website: www.albertazmsa.com/fmc-msa

Healthcare provider perception on seniors experiencing loneliness and/or social isolation

The Alberta Health Services Design Lab in partnership with Mount Royal University Catalyst Fellowship Program is exploring seniors' (age 65 and over) experiencing loneliness and/or social isolation within Calgary through this quality improvement project.

As part of this project, we are asking frontline healthcare providers regarding their understanding and perception of seniors experiencing loneliness and social isolation. Your feedback will help us develop a better understanding and develop resources that may address this issue.

This is an anonymous and confidential survey. Participation is voluntary and the survey will require 10 minutes of your time.

If you have questions or concerns during the time of your participation in this survey, or after its completion or you would like to receive a copy of the final aggregate results of this survey, please contact: Ali Abid

Online survey: By clicking on the link below, and completing and submitting this confidential anonymous online survey, I am consenting to participate in this survey: <https://forms.gle/iadHLVNyzoLv1sjr6>

Muhammad Ali Abid

Design Consultant
AHS Design Lab, QHI

Cannabis Hyperemesis Study

Just a reminder that our GI motility colleagues are recruiting for a study of CHS patients that includes the possibility of being enrolled in an outpatient management study. Patients self refer by going to www.motility.ca. They will also get there by Google'ing "Cannabis Hyperemesis Study Calgary". Think about suggesting this to any CHS patients you may see in the ED.

Dr. Ian Walker, MD, MA

Clinical Associate Professor

Education. CME. Rounds

EM Grand Rounds

Thursday, February 06th, 2020

0900 - 1000

Coombs Theatre - FMC

["QAER"](#)

Dr. Omar Damji,
EM Resident – FRCPC
University of Calgary

[Click Here To Download Evaluation Form](#)

Telehealth Sites:

Alberta Children's Hospital - Rm B4-010

Rockyview General Hospital – Rm 10332

South Health Campus – Rm - 710007

Peter Lougheed Hospital – Rm 4023

Banff Mineral Springs Hospital - Rm 5018

Canmore General Hospital – Boardroom 1256

This program meets the accreditation criteria of the College of Family Physicians of Canada and has been accredited for 1.0 MainPro-M1 credits. This program is approved as an accredited group learning activity as defined by the maintenance of certification program of the Royal College of Physicians and Surgeons of Canada

Departmental Grand Rounds on Spinal Emergencies - **Corrected Pathway**

Thank you to Drs. Zoe Polsky, Anjali Pandya, Margriet Greidanus, and Neil Collins for the Departmental Grand Rounds on Spinal Emergencies. After Dr. Polsky's deep dive in the SEA of evidence of Spinal Epidural Abscess and Cauda Equina Syndrome, Drs. Pandya and Greidanus present a [Pathway for Work-up and Disposition of Patients with Suspected Spinal Emergencies.](#)

This pathway provides not only guidance around which patients to image, what modality to use (CT vs MRI), role of inflammatory markers (ESR vs CRP) for SEA and disposition guidance but also the references and evidence to support the recommendations.

This pathway was a multi-disciplinary undertaking with input from radiology (Dr. Wallace and Dr. Ciura) and Spines (Dr. Jacobs). The amount of work this team put in to create this pathway is impressive and it's apparent in the final product. For questions or comments please contact Dr. Margriet Greidanus, Dr. Anjali Pandya, Dr. Shawn Dowling or Dr. Neil Collins.

If you want to listen to the rounds - follow this link: <http://trk.cp20.com/click/cgk7-1q1h60-ly0vmn-5h17ozc6/>

In the near future this pathway will be available on the AHS ED website (<https://insite.albertahealthservices.ca/edc/Page9145.aspx>) and sharepoint.

Feb 20 Journal Club Articles

The Questions to Follow in next newsletter.

Article 1: Neumann, Johannes T., et al. "Application of High-Sensitivity Troponin in Suspected Myocardial Infarction." *New England Journal of Medicine* 380.26 (2019): 2529-2540.

Article 2: Andruchow, James E. et al. "Low High-Sensitivity Troponin Thresholds Identify Low-Risk Patients with Chest Pain Unlikely to Benefit from Further Risk Stratification". *Canadian Journal of Cardiology*. In press (2019).

Date: Feb 20/20

Time: 1800

Presenters: Dr. Sean Crooks & Dr. Ben Sheppard

Preceptor: Dr. James Andruchow

Host: Dr. Anjali Pandya

RSVP: Judy.Mackay@AlbertaHealthServices.ca

ED Direct Physician Observation and Feedback

We are launching an exciting new Continuing Medical Education opportunity to facilitate [Directly Observed Staff Physician Feedback](#) for all ER MDs in Calgary who are members of the Physician Support Fund. We are excited to get this project started and look forward to hearing from all those who are interested in setting up a session.

- Dr. David Lendrum MD M.Ed. FRCPC

CBD Faculty Development Session

- Do you currently supervise FR residents on shift?
- Do you want to supervise residents on future shifts?
- Do you struggle with filling out the EPA's (online assessments) that residents give you to fill out after a shift?
- Do you want to understand how the competency committee uses your evals to inform their decisions?

If you answered yes to any of the above questions, and are faculty in our department (both FR and EM!) please sign up for a faculty development session targeted at clarifying your questions as well as addressing issues relating to EPA's from both residents and the competency committee.

Snacks & coffee will be provided!

Feb 13th and Feb 20th 10-11am post grand rounds. Location: FMC AGW2 (Across Coombs Theatre)

<https://www.signupgenius.com/go/5080D4CA5A723ABF58-cbdfaculty>

Please email Fareen Zaver at fzaver@gmail.com if you want further details/clarifications.

Clinical Pharmacology & Toxicology Pearl of the Week

[Clopidogrel and Clopidogrel non-responders](#)

ED Highlights

CAEP Annual Awards Nominations - due February 17th

CAEP's Annual Awards recognize excellence in specific areas within emergency medicine, including advocacy, education, research, and professional practice.

<https://caep.ca/who-we-are/caep-annual-awards/>

Research Update - Lancet Publication

Many of you at FMC and RGH helped with recruitment for the RAFF2 trial, comparing the effectiveness of a drug-first strategy to a shock-first strategy. Thanks for all of your help and cooperation.

The study has been published in Lancet this week. Upshot is that both strategies are highly effective and that either approach is reasonable and may be adopted based on patient/provider preferences and departmental resources.

Link to the published study is here:

<https://www.sciencedirect.com/science/article/pii/S0140673619329940?dgcid=author>. I can also send PDFs upon request.

Thanks again. It's great to be able to share the results of the work that so many in the Department contributed to.

Andrew McRae MD, PhD, FRCPC

Assistant Professor

Departments of Emergency Medicine and Community Health Sciences

Hodsman Lecture

The sixth annual Hodsman Lecture will take place on **Thursday, March 12, 2020 in the Foothills Auditorium**. This event will include the following activities:

1. Hodsman Lecture on Thursday, March 12, 2020 at 8.00am-12.00pm at FMC Auditorium.

The lecture will be featuring guest speaker Dr Gregory Luke Larkin on the theme of [Mental Health in the emergency department](#).

2. Dinner & Social Night on Wednesday, March 11, 2020 at 6.00pm in Dr. Colleen Carey's Home.

Dr. Larkin, other event speakers and emergency physicians staff and residents are invited to enjoy a casual catered dinner at the home of Dr Colleen Carey. Please RSVP to Amani at amani.otoom@ahs.ca by February 10.

MD Spotlight

Dr. Jesse Kao

Jesse joined the emergency medicine group in late 2012, and works primarily at the South Health Campus.

Jesse grew up in Calgary, then left the safe confines of home and travelled north to Edmonton where he completed his BSc and competed as a member of the Golden Bears varsity wrestling team. Jesse subsequently completed his medical training at McGill University and then his residency at UBC.

Outside of work, Jesse's main passions revolve around outdoor pursuits. He enjoys hiking, rock climbing, mountain biking, skiing and kayaking/scuba diving when the opportunity presents itself. He also enjoys music and still composes songs on the piano from time to time. Jesse has spent a good portion of his life travelling and volunteering abroad - he has worked or travelled in some capacity on all of the world's continents, including a stint as a physician in Antarctica. During the course of his travels he has also had the good fortune to have ventured to the highest and lowest elevation point on the planet.

Jesse is involved with the global health hub, and has been on the planning committee of the ED Gala since its inception. He has recently taken on the role as the SHC rep for the ED Treatment Plan committee. He enjoys teaching and has been involved in helping with many of the educational programs and simulation sessions for the medical school for many years. He completed the Teaching Scholars in Medicine Program at U of C in 2015. Jesse's other interests are in remote medicine, and has spent time working in various locations in the Northwest Territories and Nunavut.

