

Emergency Department Update

Friday, July 15, 2022

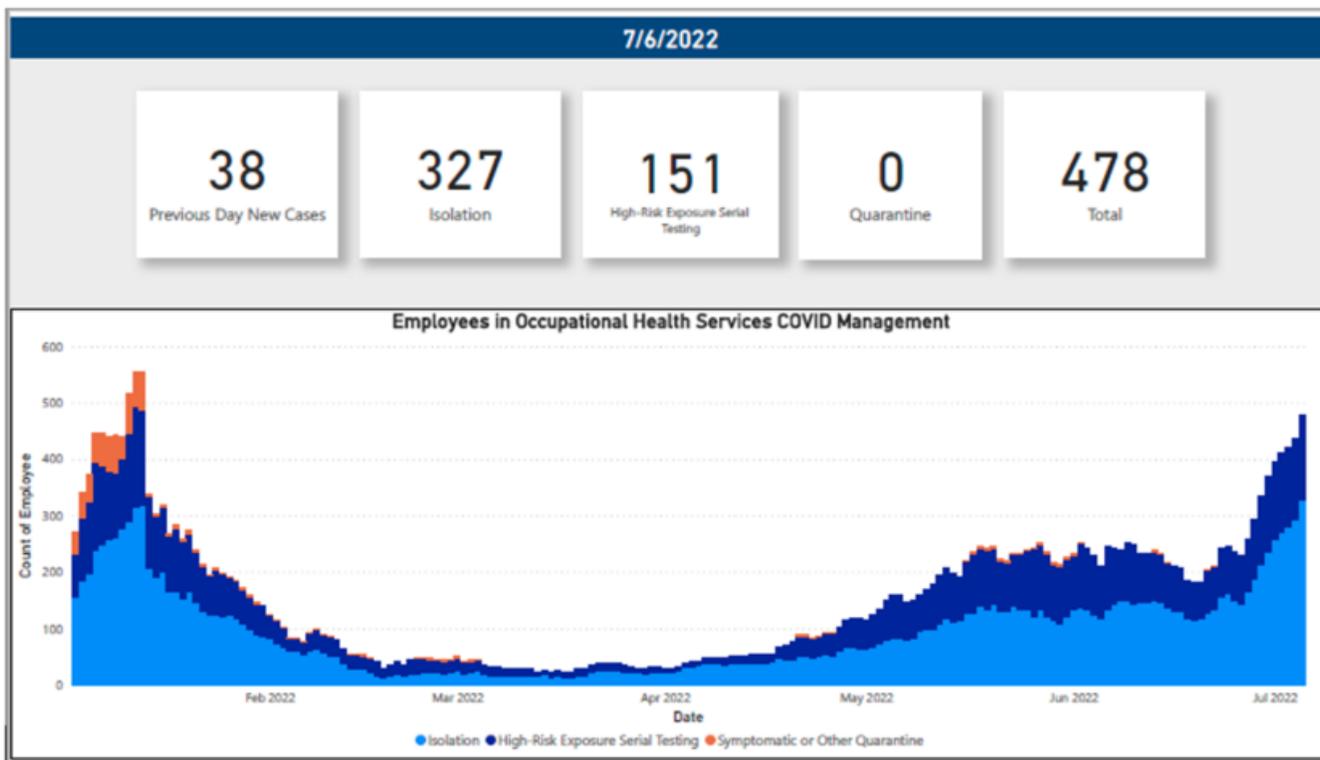
Issue # 118

GENERAL

MONKEYPOX

Monkeypox is a virus that spreads through prolonged skin to skin contact, sex, kissing, breathing at very close range, or sharing bedding and clothing. It can be serious, though most cases resolve on their own. There have been very few workplace exposures to date. Proper PPE, including N95 respirators, gloves and gowns are the best protection against the virus. If you believe you've had an occupational exposure contact the needlestick hotline as soon as possible at 415-469-4411. [Here's infection control information regarding Monkeypox from the CDC.](#)

STAFF COVID CASES



- The campus is still seeing many staff cases of COVID
- Please wear your mask around other staff and always use minimum PPE required for patient contact (N95 and eye protection)
- Be smart about break times and eating/drinking. There are picnic tables in the ambulance bay and the cafeteria is accessible 24/7 via the badge access door at the back of the dining room.

HOSPITAL SURGE LEVEL

- As of, Friday, July 15, 2022 we have **22** COVID positive hospitalized patients at ZSFG putting us at a Hospital Surge Level of **YELLOW**

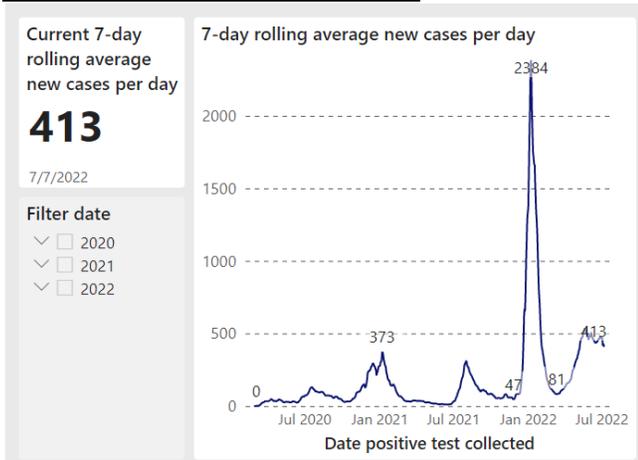
TROPONIN CARE PATH REMINDERS

- Only use the Track Board Timer to guide when to draw. The time listed in the Tasks Toolbox is not accurate
- The time of the blood draw cannot be before the order time for the Troponin Care Path
- If you miss the 1-hr draw, just wait for the 3-hour draw. Do not draw the 1-hr late and do not draw the 3-hour specimen early

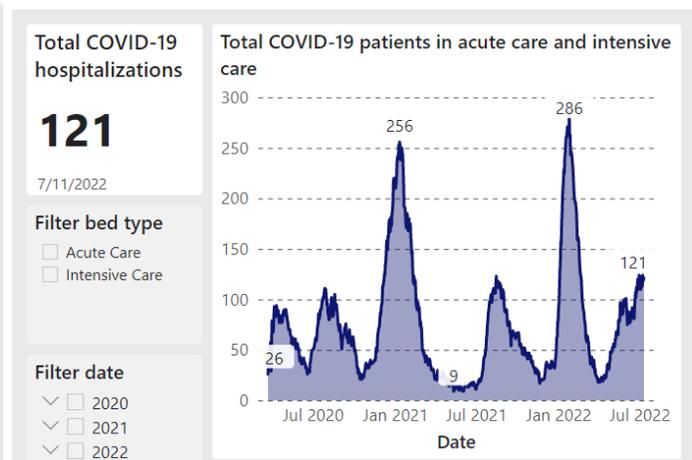
CPI Instructors

CPI in-person training is resuming. We need more CPI instructors. If you are interested in becoming a CPI instructor, please reach out to the nurse managers.

COVID-19 CITY WIDE DATA

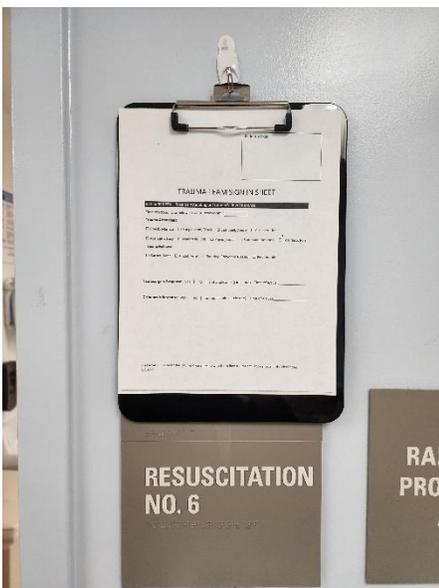


Last week's number: 470



Last week's number: 110

NURSE MANAGER'S CORNER



TRAUMA ATTENDING SIGN-IN SHEET

In an effort to continue to improve and to prepare for our next trauma survey and to meet the new standards rolling out next year, we will be trialing and new "Trauma Team Sign In Sheet".

Starting Friday, July 15th you will find an additional document in the trauma packs, called "Trauma Team Sign In Sheet" for trauma attendings and fellows to sign in prior to entering the room. You will find a clipboard hanging just outside each of the trauma rooms for the trauma sheet to be placed at the time of activation. Please do not remove the clipboard only the trauma sheet is to be removed.

Every sheet must have a trauma sticker placed in the upper right-hand corner of the sheet.

It has been communicated to the Trauma Attendings and Fellows to sign this document at the time of arrival, they will be expecting in starting Friday, July 15th.

Anticipated Flow:

1. After the ringdown is received and a room is designated for the trauma activation, pull the trauma pack and place the Trauma Team Sign-In Sheet it on the clipboard just outside of the Resus room.
2. Trauma Attending or Fellow arrive and sign the sheet as expected.
3. Once the Trauma Attending signs in, the scribe RN(when they have a moment) will pull the sheet down and chart the Name and Arrival time of the trauma attending/fellow as is current practice in EPIC.
4. The Trauma Team Sign-In Sheet will be provided to the Resus Clerk for processing along with the (Yellow) activation sheet. These are eventually collected by the Trauma PI team for evaluation.
5. If the sheet is not utilized, please discard it after the trauma has concluded.

Please remember to write the ringdown information you receive. This should include the Gender, age, and Vitals including BP, HR, Pulse, RR, and GCS. Also include the mechanism of injury eg... PVA, MCC SW etc... **This information is especially important when being paged out to the Trauma team.**

We appreciate all the hard work you all do in the department, especially during Trauma activations. We understand this is an extra step in our regular process but is a necessary one to continuous improvement.

EPIC ASAP IMPROVEMENT

- Due to popular demand, we created a new ED Intake/Output flowsheet template that went live yesterday

The screenshot displays the EPIC Flowsheets interface for an ED Intake/Output template. The top navigation bar includes tabs for Chart Review, Triage, ED Narrator, Disposition, Orders, Flowsheets (highlighted), Trauma, Code, Sedation, Sepsis, Stroke, STEMI, Patient Event Tracking, and Print Forms. The main content area shows a patient record with a table for Height/Weights and Intake/Output data. The Height/Weights table includes columns for Date, Height (cm), and Weight (kg). The Intake/Output table is divided into Intake (mL) and Output (mL) sections, with sub-sections for Urine, Emesis, and Stool. The right sidebar contains summary cards for Mins/Maxes, Last Filed Values (24 hours), and First Filed Value.

Height/Weights	7/14/2022	7/15/2022
Height	165.1 cm	0600
Weight	115.939 kg	

Intake (mL)	7/14/2022	7/15/2022
P.O. (mL)		
I.V. (mL)		
Other		

Output (mL)	7/14/2022	7/15/2022
Voided Urine (mL)	1400	
Unmeasured Urine Occurrence		
Urinary Incontinence		
Urine Amount		
Emesis (mL)		
Unmeasured Emesis Occurrence		
Bowel Incontinence		
Unmeasured Stool Occurrence		
Stool (mL)		
Stool Amount		
Stool Appearance		
Other		
Diaper Weight (mL)		
Number of Wet Diapers in Last 8 Hours		
Est. Blood Loss		

EQUIPMENT, SUPPLIES, PRODUCTS

BELMONT & LEVEL-1's

- We have 2 Belmonts in service—Resus 2 and Resus 6
- 2 additional Belmonts have been ordered for the department
- If you are Resus trained and haven't been in-serviced, please seek out the ED Nurse Educators or Super-Users for in-servicing
- We received a shipment of Level-1 tubing. It includes the original two-spike set and a substitution tubing set that has three spikes. The three spike substitution tubing works with the new model Level-1's

SUPPLIES/MEDICATION BACKORDERED

- IV Contrast
- Med Speculums—still have small quantity on hand. ETA 7/10
- Ativan

EDUCATIONAL OPPORTUNITIES

E-LEARNING MODULES

The 2022 mandatory annual Compliance and Privacy training has been assigned to all DPH employees. The training must be completed by November 1, 2022. Staff who do not complete this mandatory training will have their access to our systems disabled.

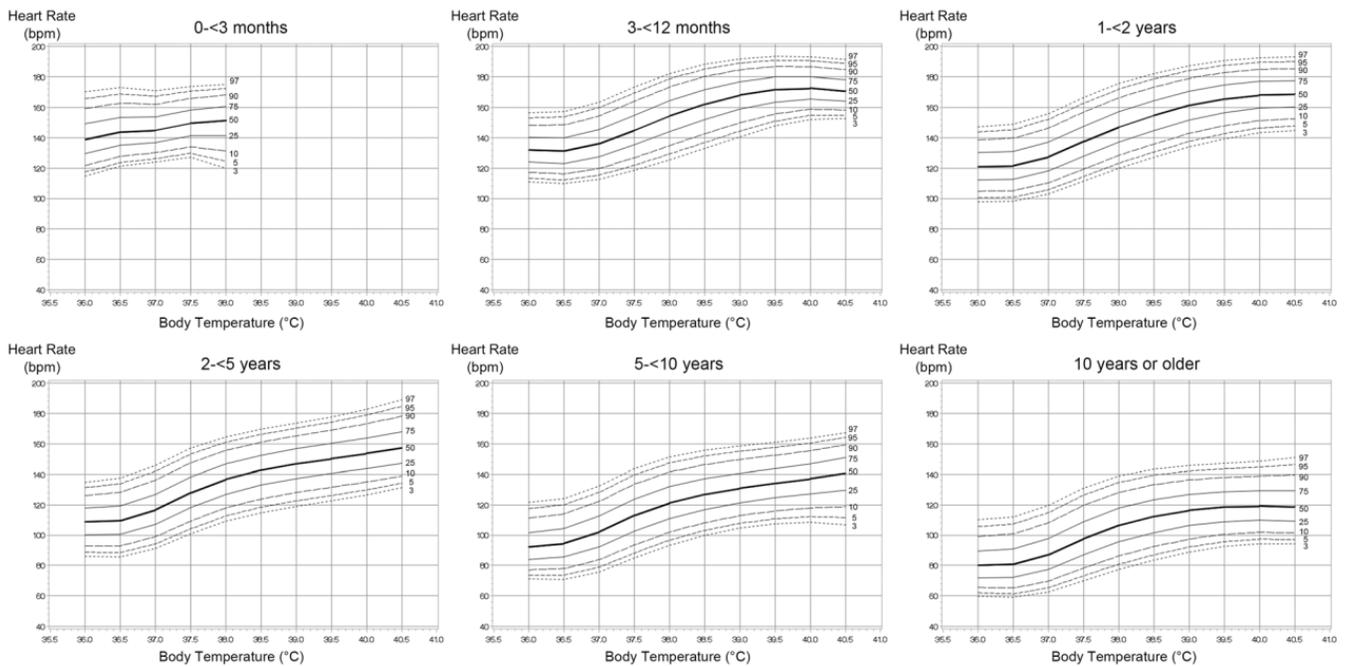
Directions on how to access the training are available [here](#) (added as an appendix to this document). For better performance, please clear your cache (browsing history) before logging into the employee portal.

If you have any questions or need assistance, please email your name, DSW # and issue to compliance.privacy@sfdph.org or call (855) 729-6040.

PEM PEARL

Dina Wallin, MD, FACEP, FAAP

A [brand new study](#) plots out heart rate by temperature in several ages of children, helping us to better identify explained vs unexplained tachycardia. The authors excluded all kids with potential alternate explanations (such as anemia, sepsis, or pain) for their tachycardia, then plotted out HR by temperature, sorted by age. The steepest rate of rise in HR was seen in the change from temps of 37 to 38, and authors saw ~10-20 bpm increase per degree of temperature rise.



Although this is a single center study, in Japan, and may not apply perfectly to the kids we see at SFGH, there are several important points to reflect upon:

- Just like in adults, **unexplained tachycardia** is a harbinger of badness. Make sure to assess for (and document!) life-threatening causes of tachycardia before writing this off as fever- or fear-related.
- Pediatric patients display **shock** through tachycardia, without BP changes until they are unable to compensate anymore and drop off the cliff.
- **At higher temperatures, the rate of rise isn't as steep**-- 3-10 bpm/degree rather than 10-20 bpm/degree seen at lower temps.

When I have a well-appearing kid in front of me whose heart rate is elevated out of proportion to their temperature/fear/pain/etc, I watch them for a while. Some key points:

- Use a **toe probe** to assess heart rate-- cover it up with a sock and leave the room, then watch heart rate from afar. Just being near the kid elevates the HR considerably.
- Consider administering **acetaminophen** and/or **ibuprofen**. It's possible the child is about to spike a temp or is in some low-key pain.
- **Oral hydration** never harms anyone-- encourage breastfeeding, and/or bring the child some water, juice, or formula to sip on while you're observing them.

If at the end of a period of observation the kid still looks well, even with an elevated heart rate, I usually send them home after reviewing clear return precautions with the parent or guardian and documenting well.

ACLS-BLS CERTIFICATION

August

8/5 ACLS Renewal

8/12 ACLS for Experienced Providers

September

9/8 & 9/9 ACLS Initial (2-day course)

9/29 PALS Renewal

October

10/7 ACLS for Experienced Providers



November

11/3 PALS Renewal

11/17 ACLS for Experienced Providers

Visit ZSFGLEARN.org to Register

CELEBRATIONS/ANNOUNCEMENTS

CELEBRATIONS

Send me your celebrations (david.staconis@sfdph.org) that you would like included in the ED Updates and I will share them here.

Last Saturday in Pod C the work-up of a septic newborn was going nowhere as IV access couldn't be established, multiple nurses were frustrated. Until **Selima Jabori, RN** came over from Pod A and got it with one poke! Thank you Selima for taking the time to share your awesome pediatric skills, the patient and family thank you too! ~**Mike Hill, RN**

Jamie Pascual, LPT in Pod A advocates for our most challenging patients. He goes above and beyond to keep patients feeling safe and comfortable in their time of need. He will also step in when he sees a nurse having a difficult time. Thanks Jamie.

DPH Compliance and Privacy

Trouble Shooting Tips

Finding ELM:

The ELM is located on the [SF Employee Gateway](#). Once you're on the Employee Gateway, look for the SF Employee Portal (Icon pictured on right).



Logging In:

A screenshot of the SF Employee Portal login screen. At the top left is the City & County of San Francisco seal. Below it, the text "City & County of San Francisco" is centered. There are two input fields: "DSW#, POI# or Username" and "Password". Below the fields, there is a link for "Terms of Service and Privacy Policy" and a blue "Agree & Sign In" button. At the bottom, there is a link for "Forgot your password?" and a note for "First time registration for Retirees or SFUSD".

After clicking the Employee Portal, you'll see a login screen. Your username is your DSW/POI number. If you don't know your DSW/POI number, and/or your password, you can call the [IT Help Desk](#) at **(628) 206-7378** (24/7). Tell them you need your password for the Employee Portal reset.

Launching Your Courses:

There are several ways to launch courses in ELM. Not all will ensure the courses launch properly. On the next page we've highlighted the steps you need to take to ensure you have access to all course components.

Please Note: Some of these step are counter intuitive! You will also be presented with opportunities to launch your courses immediately. If you bypass these steps you might not see all components contained with a course. You may also experience difficulty completing the courses.

ELM Trouble Shooting Tips

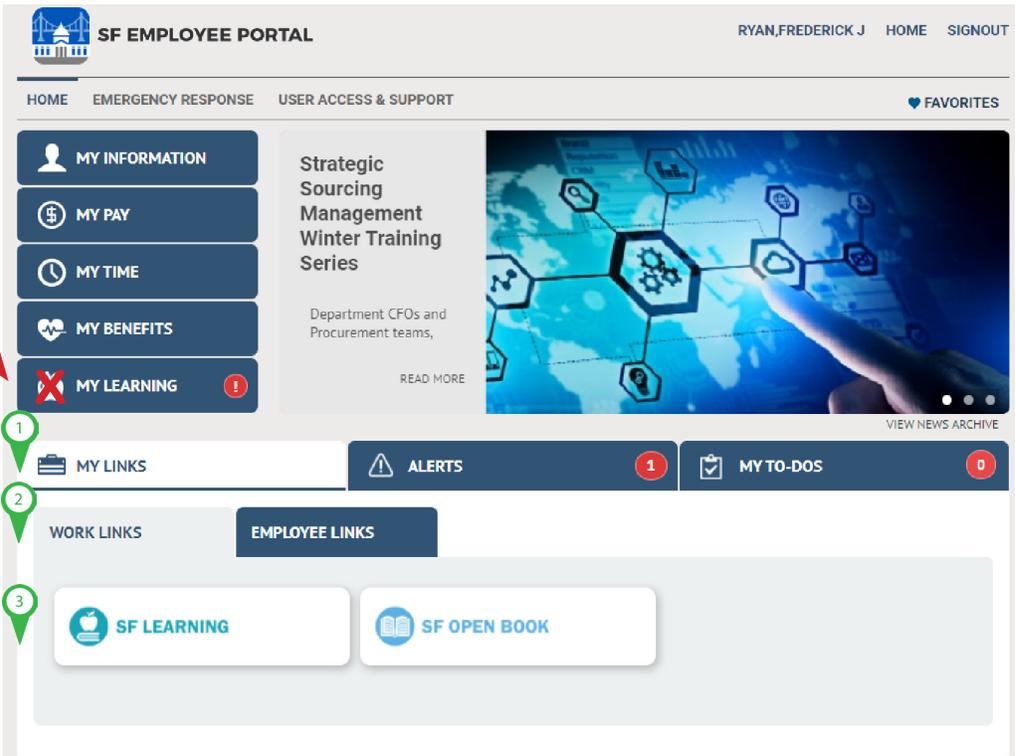
Step One: The SF Employee Portal

Once you're in the Employee Portal, follow the below directions to get to your "My Learning" tab. Please follow the below order. Note: there may be some delay in the "My Task" tab loading.

Do Not Click
"My Learning"

Click (In Order):

1. My Links
2. Work Links
3. SF Learning



The SF Employee Portal

Step Two: My Learning



Once your in SF Learning, click "My Learning" (icon pictured above).

ELM Trouble Shooting Tips

Step Three: Launching Courses

You should now see a group of tiles containing your assignments. To launch a course, hover over the course tile until the tile turns yellow. You can now launch the course.

Note: do not click "launch" to launch the course.

On the next screen you'll see a list of all components contained within the course. Click the launch button(s) in order to begin the course.



Note: There is a second component involving electronically signing 2 documents:
2022 - Part 2 - Annual Compliance & Privacy Electronic Signature

Both Parts 1 and 2 need to be completed to receive credit for completing the annual Compliance & Privacy Training.

For questions, send an email with your DWS/POI# and full name to:
compliance.privacy@sfdph.org
or call (855) 729-6040.