**SCCM Choosing Wisely KEG meeting March 18, 2020**

COVID19 discussion

Matt Tyler discussed the experience at Advocate Health Care:

* Currently have a fair amount of patients in their main hospital, at least a dozen who are critically ill; have had top open more ICUs
* Isolating COVID19 positive or PUIs in what used to be the Observation Unit; now opening a second space
* Cohorting patients is key
* From Italy - about 10% of HCW got sick (they weren't prepared and didn't have enough PPE but still concerning)
* Developing core team to take care of these patients - all consults go through one team - intensivist and infectious disease primarily
* Elevated troponin, lymphopenia, ground glass appearance extensive bilaterally, progresses over the course of a couple of days. China claiming 99% sensitivity by cat scan
* Treatment modality - these patients can develop rapid respiratory issues, a lot of literature advocating for early intubation and avoid HFNC and NIPPV
* Proning – Ventilation and compliance are fine -  purely an oxygenation issue
* Pts can develop cardiomyopathy; may recover from respiratory issues but go into cardiogenic shock
* Also seeing about 5% rate of coinfection (flu or other resp virus)
* Issues with resources – community hospitals only have 2 negative pressure rooms; some rooms don’t have ante rooms; reusing N95s

Additional Q&A/discussion:

* Caution with where these patients go; lots of in-house transmission
* New studies – COVID19 can survive for 3 hours in air, on surfaces for days
* Recommendation to have a single number everyone can call to determine if a patient will be tested and bed placement
* WHO recommending negative pressure rooms for procedures
* WHO STRONGLY discouraging use of any medications to treat COVID
* Consider restricting transfusion thresholds due to nationwide blood shortage (ie, transfusion threshold of 6; pedi blood tubes)
* Limit trainees to decrease exposure and transmission
* Discovery Research Network in process of developing method for data sharing

**Attendees:**

Matt Tyler

Jessica Mercer

Ally Hynes

Anne Rain Brown

Jennifer Cortes

Rishikesan Kamaleswaran

Peter Lindbloom

Marie Baldisseri

Scott Bolesta

Samantha Farrell

Jerry Zimmerman

Michael Sirimaturos