1. Please review the proposed educational session.
2. Read the attached paper, keeping in mind that Dr. Amorim would like to write a similar manuscript based on the “Multidisciplinary remote learning for critical care brain monitoring” session.
3. Think about metrics for short and long term knowledge retention or other domains that would be helpful to include in the study.

“Multidisciplinary remote learning for critical care brain monitoring”

**Target population:** ICU nurses and EEG technicians.

**Setting:** zoom

**Duration:** 4h

The overarching **long-term goal** of this initiative is to engage and educate nurses and other providers on reading EEG, both raw EEG and quantitative EEG panels. Cardiac monitoring is ubiquitous in the ICU, and nurses and providers use that data to alert the team about deterioration and titrate therapies. We want to get there for brain monitoring. Just like in the past it would be unimaginable to have non-cardiologists look at EKGs, we want to do that for EEG. Nurses have special certification for using dialysis machines, so we could try to move towards that for brain monitoring in the future.

The **short-term goal** is to teach how to identify EEG signatures of seizures and sedation level. The previous paper I sent shows that in 45 minutes of teaching we could get nurses without any previous EEG training to screen quantitative EEG panels for seizures with similar sensitivity to neurologists.

This time, we will have four consecutive hours to work with ICU nurses (10-20) and two EEG technologists from ZSFG. We will do this over zoom. We should be able to recruit 2-4 facilitators for break out rooms. We would like to have a pre-test and a post-test as well as an evaluation of changes in attitude towards brain monitoring. We could think about retention strategies and evaluation as well.