Demonstration Patient Scenarios:

**Case 1: Negative CAM-ICU**

62 y.o. male is in the ICU for CABG, on the ventilator. Awake, alert and attentive. Has required some sedation in the past 24 hours. Currently on a spontaneous breathing trial. PTA baseline was normal, patient is an engineer.

**Step 1: Arousal Assessment**

Keep your eyes open, track Rahul as he walks around you room; appear alert and calm

Current RASS =0, RASS 2 hours ago was -3

**What do we do next?**

**Step 2: CAM-ICU**

- **Feature 1:** Positive
  
  Is he at his MS baseline? Appears to be alert and calm (lights are on)

  Has his MS fluctuated in the past 24 hours? Yes

- **Feature 2:** Negative
  
  Letters = 0 errors Clearly squeezes on each letter

- **Feature 3:** no need to test
  
  RASS 0

- **Feature 4:** no need to test

**Case 2: Positive CAM-ICU (simple version)**

86 y.o. demented patient from a nursing home with sepsis and pneumonia. Very little history from the nursing home, but patient was very dependent for ADLs. Family is not very involved, no one has come to see her. Does not have an advanced directive. On the ventilator, unable to tolerate SBT earlier this morning, receiving prn fentanyl and midazolam.

**Step 1: Arousal Assessment**

Keep your eyes open, track Rahul occasionally as he walks around you; maintain brief eye contact for <10 seconds but then look away distracted by something else, and then doze off, act drowsy

Current RASS is -2. RASS at 0400 was +2.

**What do we do next?**

**Step 2: CAM-ICU**

- **Feature 1:** Positive
  
  Is she at his MS baseline? Unknown

  Has her MS fluctuated in the past 24 hours? Yes

- **Feature 2:** Positive
Demonstration Patient Scenarios:

Letters = 4 errors Drift off during testing, clearly miss squeezing on the A letters.

- **Feature 3**: Positive
  
  Current RASS -2

- **Feature 4**: no need to test

**Case 3: Positive CAM-ICU (complex version)**

65 y.o. accountant s/p hemorrhagic stroke with craniotomy for evacuation yesterday evening. Not at PTA MS baseline, recovering from surgery and still on the ventilator, but new baseline is not known yet. Head CT after surgery this morning does not demonstrate any new blood accumulation or significant brain swelling. Patient has been anxious and agitated, which fluctuates through the day. Has received several doses of midazolam and fentanyl through the previous shift. Dense left hemiparesis. On the ventilator about to have an SBT.

**Step 1: Arousal Assessment**

Keep your eyes open, track Rahul as he walks around you; alert and calm, maintains eye contact for >10 seconds

Current RASS is 0. RASS at 0400 was +3.

**What do we do next?**

**Step 2**: CAM-ICU

- **Feature 1**: positive
  
  Is his at his MS baseline? Appears awake and alert.
  
  Has his MS fluctuated in the past 24 hours? Yes

- **Feature 2**: positive (Rahul, ask Candice to squeeze on the A’s, and then when she can’t do that, ask her to nod to the letter A)
  
  Letters = Be attentive but don’t follow Rahul’s commands of hand squeeze or head nod when instructed
  
  Pictures = only nod your head to two pictures correctly (3 errors)

- **Feature 3**: negative
  
  RASS is 0

- **Feature 4**: 
  
  Miss two questions (Ely recommends continuing to test the command, even though the questions for disorganized thinking were failed).
  
  Follow the first step of the command (hold up 2 fingers, but then don’t add the 3rd finger when he asks you to).