EACCR1: Early Tracheostomy Goals of Care Discussion

Description: Patients with > 96 hours of intubation and mechanical ventilation expected to require prolonged mechanical ventilation and/or their POA or families should engage in conversations clarifying goals of care prior to the 5th day of mechanical ventilation, to avoid late decisions regarding tracheostomy or comfort care.

Denominator: All patients >= 18 years of age on date of discharge intubated receiving mechanical ventilation >= 96 hours

Numerator: Patients/families who participated in a goals of care conversation that included discussions regarding prolonged mechanical ventilation, tracheostomy, and patient wishes / goals of care within one week (120 hours) of mechanical ventilation.

Denominator Exceptions:
1. Extubation or death expected within next 72 hours
2. No PoA/decision maker and patient unable to participate

Denominator Exclusions:
1. Pt expired

Firing Behavior:

Measure fires on critical care day 5, based upon 5 instances on unique days of 99291 or 94002. (Note: billing rules do not allow 99291 and 94002 to be billed on the same day by the same clinician/group, so this does not need to be accounted for in the specification). The ability to edit this response should remain active until hospital day 8, or discharge/sign off, whichever occurs first.

Prompts:

- Has the patient been intubated/mechanically ventilated for ≥ 96 hours (4 days)?
    o Yes
        ▪ Is extubation or death expected within 72 hours [apply denominator exception tracking code EACCR1]
            • Yes: [apply denominator exception tracking code EACCR2]
            • No: Is there a Power of Attorney/Decision maker (including possibly the patient)?
                o Yes

- ▪ Was there a discussion of pt wishes/goals re: prolonged mechanical ventilation and/or tracheostomy? [apply numerator met tracking code EACCR1}
  - o No: [apply denominator exception tracking code EACCR2]
- o Not yet, but still intubated and not expected to extubate within 72 hours: Refire measure on 1st CPT next day
- o Not intubated during this hospitalization, or extubated prior to 96 hours. [Excluded, does not meet denominator criteria]

- Has the patient been intubated/mechanically ventilated for ≥ 96 hours (4 days)?
  - o Yes
    - ▪ Is extubation/death expected within 72 hours; or the patient lack a decision maker/ability to participate in GoC discussion?
      - • Yes [denominator exception EACCR2]
      - • No
        - o Was there a discussion of pt wishes/goals re: prolonged mechanical ventilation and/or tracheostomy?
          - ▪ Yes [numerator met EACCR1]
          - ▪ No ['Performance Not Met' EACCR3]
  - o Not yet, but still intubated and not expected to extubate within 72 hours: Refire measure on 1st CPT next day
  - o Not intubated during this hospitalization, or extubated prior to 96 hours. [Excluded, does not meet denominator criteria]

EACCR2: DEF Portion of [ABCDEF ICU Liberation Bundle] - Delirium Management; Early mobility; and Family Engagement in ICU patients

Description: Patients admitted to the intensive care unit (ICU) for > or = 3 days should be included in the 'DEF' portion of the ABCDEF bundle, including Delirium Assessment, Prevention, and Management; Early mobility; and Family Engagement and Empowerment

Denominator: All Patients >= 18 years of age on date of discharge with an ICU length of stay > or = 3 days.

Numerator: Patients receiving delirium screening, monitoring and management using the CAM-ICU method or Intensive Care Delirium Screening Checklist, and appropriate prevention and pharmacologic and non-pharmacologic management strategies as outlined in the ICU Liberation Bundle; AND participation in an early mobility program; AND Family engagement and empowerment including flexible visitation, daily meetings and participation in rounds, patient and family diaries and other resources to support family needs in accordance with the ICU Liberation Bundle.

Denominator Exceptions: Offered but patient/family declined; clinical contraindication, such as comfort measures or limited treatment, or mechanical circulatory support / extracorporeal membrane oxygenation *ECMO), or acute alcohol withdrawal.

Denominator Exclusions: Patients who expire.

Firing Behavior: Fires on 4th instance of 99291 (note: 2nd instance, for example, is a LOS of ~24 hours).

SoundConnect Prompts: Select all that apply from the ICU Liberation Bundle:
□ The patient received delirium screening using the CAM-ICU or Delirium Screening Checklist and appropriate prevention/management; [apply tracking code EACCR2a]
□ Participation in Early Mobility [apply tracking code EACCR2b]
□ Family empowerment (flex visits, daily meetings, participation in rounds, etc.) [apply   t racking
code EACCR2c]
□ Select if **ALL of the above** apply [apply tracking codes EACCR2a, EACCR2b and EACCR2c]
□ Select if **NONE of the above** apply [apply tracking code EACCR2d]
□ Select if interventions were offered but pt/family declined 1 or more; or if clinically contraindicated (e.g. comfort care, ECMO, etc.) [apply tracking code EACCR2e]
□ Select if patient expired. [apply tracking code EACCR2f]

EACCR3: ABC Portion of [ABCDEF ICU Liberation Bundle] - Pain, Sedation, and Breathing management

Description: Patients admitted to the intensive care unit (ICU) for > or = 3 days that are intubated and have acute respiratory failure should be included in the 'ABC' of the ABCDEF bundle, including Assessment, Prevention and Management of Pain; Spontaneous Awakening/Breathing Trials, and Choice of Anesthesia and Sedation.

Denominator: All Patients >= 18 years of age on date of discharge (or sign off) receiving intubation and mechanical ventilation due to acute respiratory failure; AND ICU length of stay > or = 3 days.

Numerator: Patients whose Pain, Sedation, and Breathing (path to extubation) were managed in accordance with the ABC portions of the ICU Liberation Bundle, found here: https://www.sccm.org/iculiberation/abcdef-bundles https://www.sccm.org/clinical-resources/iculiberation-home/abcdef-bundles

Denominator Exceptions: Offered but patient/family declined; clinical contraindication, such as comfort measures or limited treatment, or mechanical circulatory support / extracorporeal membrane oxygenation *ECMO), or acute alcohol withdrawal.

Denominator Exclusions: Patients who expire.

Firing Behavior: Fires on next 99291 or 94002 on day after three 99291s or 94002. (i.e. ICU day 4)

Prompts:
- Pt intubated/mech ventilated for ≥72 hours?
    - Yes:
        - Select all that apply:

            ☐ Pt on "Wake Up and Breathe" Protocol including SAT safety screen/SAT and SBT safety screen/SBT
            ☐ Pain was assessed using an accepted tool (NRS,BPS, CPOT) at least q4, and hourly following any intervention; pt given appropriate attention to pain prevention [Apply tracking code EACCR3a]

            (https://www.sccm.org/SCCM/media/SCCM/PDFs/WakeUpAndBreathe_1.pdf) [Apply tracking code EACCR3b]

            ☐ Sedation assessed using RASS or SAS (RASS, SBS) [Apply tracking code EACCR3c1]

            ☐ Pain/Sedation managed in accordance with PADIS guidelines (https://www.sccm.org/clinical-resources/iculiberation-home/abcdef-bundles, under tab, "C Element" [Apply tracking code EACCR3c2]

☐ Select if **ALL of the above** apply [apply tracking codes EACCR3a, EACCR3b, EACCR3c1 and EACCR3c2]

☐ Select if **NONE of the above** apply [apply tracking code EACCR3d]

☐ Select if interventions were offered but pt/family declined 1 or more; or if clinically contraindicated (e.g. comfort care, ECMO, etc.) [apply tracking code EACCR3e]

☐ Select if patient expired. [apply tracking code EACCR3f]

- o No:

  - Interventions were offered but pt/family declined 1 or more; or if clinically contraindicated (e.g. comfort care, ECMO, etc.) [EACCR3e]
  - No interventions offered [EACCR3d]

  - o Not yet, but still intubated [EACCR3g]: Refire measure on 1st CPT next day
  - o Not intubated during this hospitalization, or extubated prior to 72 hours. [EACCR3h] {Excluded, does not meet denominator criteria)
  - o Patient Expired. [EACCR3f]
- For more information about the ABCDEF Bundle [https://www.sccm.org/clinical-resources/iculiberation-home/abcdef-bundles]