

GLU-08-CARD: Hyperglycemia Treatment, Open Cardiac (>180mg/dL)

GLU-08-CARD: Percentage of adult patients undergoing open cardiac surgical procedures for whom any blood glucose measure $\geq 180\text{mg/dL}$ was either treated with insulin or rechecked and found to be $<180\text{mg/dL}$ within 30 minutes.

Measure Time Period:
Anesthesia Start to 30 minutes after Anesthesia End.
Anesthesia Start as determined by the **Anesthesia Start Phenotype**.
Anesthesia End as determined by the **Anesthesia End Phenotype**.

- Each blood glucose is evaluated separately.
- The measure evaluates the following conditions for each high glucose, prioritized in this order. If *none* of the conditions are true for a given high glucose, the case is marked as flagged
 - An insulin administration was given within 30 minutes of the high glucose = value passes
 - An insulin infusion is active when the high glucose was resulted = value passes (Note: If no end time is available for an insulin infusion, the 'measure end time' will be considered the insulin infusion end time.)
 - Another glucose value < 180 resulted within 30 minutes of the high glucose = value passes
- If two blood glucose levels are documented in the same minute, the lower blood glucose will be considered for this measure.
- If any of the values for a case are considered flagged, the case is flagged. If all values are excluded for a case, case is excluded from the measure.

