**Title of Outcome Measure (Improvement Target):** IT-4.3: Catheter-Associated Urinary Tract Infection (CAUTI) Rates

**Unique RHP outcome identification number(s): 138951211.3.2**

**Outcome Measure Description:**

IT- 4.3:Catheter-Associated Urinary Tract Infection (CAUTI) Rates

* Rate 1: CAUTI rates (138951211.1.2)

**Process Milestones:**

* DY2:
  + P-1 – Project planning – engage stakeholders, identify current capacity and needed resources, determine timelines and document implementation plans
* DY3:
  + P-2 – Establish baseline rates for rate 1

**Outcome Improvement Targets for each year:**

* DY4:
  + IT-4.3: Catheter-Associated Urinary Tract Infection (CAUTI) Rates—3% improvement over DY3
* DY5:
  + IT-4.3: Catheter-Associated Urinary Tract Infection (CAUTI) Rates—3% improvement over DY4

**Rationale:**

Through the implementation of the electronic systems described in the associated Category 1 project, real-time information will be captured which will alert process participants of increased potential for a Catheter-Associated Urinary Tract Infection (CAUTI) to develop. For example, leading indicators will alert the UMC Quality Management department when a particular patient possesses all the high risk indicators which contribute to the development of a CAUTI (e.g., dehydration, immobility, elderly, foley catheterization, etc.). Preventative measures can then be implemented to avoid the actualization of a CAUTI. Therefore, UMC believes that the successful implementation of the associated Category 1 project will result in a measurable improvement in CAUTI rates at UMC.

**Outcome Measure Valuation:**

In determining the value of this outcome measure, UMC considered the extent to which an improvement in CAUTI rates at UMC will address the community’s needs, the population which this improvement will serve, the resources and cost necessary to realize the improvement, and the improvement’s conformity to the goals of the Waiver (including supporting the development of a coordinated care delivery system, improving outcomes while containing costs, and improving the healthcare infrastructure). Specifically, the valuation of this outcome measure takes into account the potential of implementing the associated Category 1 project to improve quality of care and thereby improve patient outcomes for the target population. The valuation of this outcome measure also takes into account the challenges that UMC will face in realizing and measuring this improvement.

| *138951211.3.2* | *IT-4.3* | *Catheter-Associated Urinary Tract Infection (CAUTI) Rates* | |
| --- | --- | --- | --- |
| *University Medical Center of El Paso* | | | *138951211* |
| **Related Category 1 or 2 Projects::** | *138951211.1.2* | | |
| **Starting Point/Baseline:** | *TBD in DY3* | | |
| **Year 2**  **(10/1/2012 – 9/30/2013)** | **Year 3**  **(10/1/2013 – 9/30/2014)** | **Year 4**  **(10/1/2014 – 9/30/2015)** | **Year 5**  **(10/1/2015 – 9/30/2016)** |
| **Process Milestone 1** [P-1]: Project planning—engage stakeholders, identify current capacity and needed resources, determine timelines, and document implementation plans.  Data Source: Documentation of project planning.  Process Milestone 1 Estimated Incentive Payment: $239,595 | **Process Milestone 2** [P-2]: Establish baseline rates.  Data Source: EHR; claims; IQR/NHSN data.  Process Milestone 2 Estimated Incentive Payment:  *$*277,722 | **Outcome Improvement Target 1** [IT-4.3]: Catheter-Associated Urinary Tract Infection (CAUTI) rates.  Numerator: Number of cases of CAUTI as designated by IQR criteria.  Improvement Target: 3% improvement over DY3.  Data Source: EHR; claims; IQR/NHSN data.  Outcome Improvement Target 1 Estimated Incentive Payment*: $*445,647 | **Outcome Improvement Target 2** [IT-4.3]: Catheter-Associated Urinary Tract Infection (CAUTI) rates.  Numerator: Number of cases of CAUTI as designated by IQR criteria.  Improvement Target: 3% improvement over DY4.  Data Source: EHR; claims; IQR/NHSN data.  Outcome Improvement Target 2 Estimated Incentive Payment*: $*1,065,677 |
| Year 2 Estimated Outcome Amount: $239,595 | Year 3 Estimated Outcome Amount: *$*277,722 | Year 4 Estimated Outcome Amount: *$*445,647 | Year 5 Estimated Outcome Amount: *$*1,065,67 |
| **TOTAL ESTIMATED INCENTIVE PAYMENTS FOR 4-YEAR PERIOD:** $2,028,641 | | | |

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