

Proposed PY 2018 Clinical Measure: Standardized Transfusion Ratio

Standardized Transfusion Ratio Lower rate desired

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| Measure Description | Risk adjusted facility level transfusion ratio (STrR) for all adult Medicare dialysis patients. STrR is a ratio of number of observed eligible red blood cell transfusion events occurring in patients dialyzing at a facility to the number of eligible transfusions that would be expected from a predictive model that accounts for patient characteristics within each facility. |
| Numerator | Number of observed red blood cell transfusion events (defined as transfer of one or more units of blood or blood products into recipient's blood stream) among patients dialyzing at the facility during the reporting period. |
| Denominator | <p>Number of eligible red blood cell transfusion events (as defined in the numerator statement) that would be expected among patients at a facility during the reporting period, given the patient mix at the facility.</p> <p>Exclusions:</p> <ol style="list-style-type: none"> 1. Patients less than 18 years old 2. Patients on ESRD treatment for 90 days or fewer 3. Patients treated at the facility for fewer than 60 days 4. Patients who receive a transplant 5. Patients who have not been treated by any facility for a year or longer 6. Patients with a Medicare claim for one of the following conditions in the past year: hemolytic and aplastic anemia, solid-organ cancer (breast, prostate, lung, digestive tract and others), lymphoma, carcinoma in situ, coagulation disorders, multiple myeloma, myelodysplastic syndrome and myelofibrosis, leukemia, head and neck cancer, other cancers (connective tissue, skin, and others), metastatic cancer, or sickle cell anemia |
| Minimum Claims | Facilities with fewer than 10 patient-years at risk will not be eligible to receive a score on the measure. |
| Data Source(s) | <ol style="list-style-type: none"> 1. Medicare Claims 2. REMIS, CROWNWeb, and other CMS ESRD administrative data |
| Additional Information | <ol style="list-style-type: none"> 1. Eligible transfusion events are those that do not have any claims pertaining to the comorbidities identified for exclusion, in the one year look back period prior to each observation window. 2. When a patient transfers from one facility to another, the patient continues to be attributed to the original facility for 60 days, at which point the patient is attributed to the destination facility. 3. A patient-month is considered eligible if it is within two months of a month in which a patient has \$900 of Medicare-paid dialysis claims or at least one Medicare-paid inpatient claim. 4. Additional information about the measure can be found in the STrR Measure Methodology Report posted at http://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/ESRDQIP/061_TechnicalSpecifications.html. |