# IT-4.17: Stroke - Thrombolytic Therapy

| **Measure Title** | **IT-4.17 Stroke - Thrombolytic Therapy**  |
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| **Description** | This measure captures the proportion of acute ischemic stroke patients who arrive at this hospital within 2 hours of time last known well for whom IV t-PA was initiated at this hospital within 3 hours of time last known well.  |
| **NQF Number** | 0437 |
| **Measure Steward** | The Joint Commission |
| **Link to measure citation** | <http://www.qualityforum.org/QPS/0437> http://www.qualitymeasures.ahrq.gov/content.aspx?id=46476 |
| **Measure type** | Non-Stand Alone (NSA) |
| **Performance and Achievement Type**  | Pay for Performance (P4P) – Improvement Over Self (IOS)

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| --- | --- | --- |
|  | DY4 | DY5 |
| Achievement Level Calculation | Baseline + 5% \*(performance gap)=Baseline + 5% \*(100% – Baseline rate) | Baseline + 10% \*(performance gap)=Baseline + 10% \*(100% – Baseline rate) |

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| **DSRIP-specific modifications to Measure Steward’s specification** | None |
| **Denominator Description**  | Acute ischemic stroke patients whose time of arrival is within 2 hours (greater than or equal to 120 minutes) of time last known well.  |
| **Denominator Inclusions** | Discharges with an International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Principal Diagnosis Code for ischemic stroke (as defined in the appendices of the original measure documentation) whose time of arrival is within 2 hours (less than or equal to 120 minutes) of time last known well. |
| **Denominator Exclusions** | * Patients less than 18 years of age
* Patients who have a Length of Stay greater than 120 days
* Patients enrolled in clinical trials related to stroke
* Patients admitted for Elective Carotid Intervention
* Time Last Known Well to arrival in the emergency department greater than 2 hours
* Patients with a documented Reason For Not Initiating IV Thrombolytic
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| **Denominator Size** | Providers must report a minimum of 30 cases per measure during a 12-month measurement period (15 cases for a 6-month measurement period)* For a measurement period (either 6 or 12 months) where the denominator size is less than or equal to 75, providers must report on all cases. No sampling is allowed.
* For a measurement period (either 6 or 12 months) where the denominator size is less than or equal to 380 but greater than 75, providers must report on all cases (preferred, particularly for providers using an electronic health record) or a random sample of not less than 76 cases.
* For a measurement period (either 6 or 12-months) where the denominator size is greater than 380, providers must report on all cases (preferred, particularly for providers using an electronic health record) or a random sample of cases that is not less than 20% of all cases; however, providers may cap the total sample size at 300 cases.
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| **Numerator Description**  | Acute ischemic stroke patients for whom IV thrombolytic therapy was initiated at this hospital within 3 hours (less than or equal to 180 minutes) of time last known well. |
| **Numerator Inclusions** | The Measure Steward does not identify specific numerator inclusions beyond what is described in the numerator description. |
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| **Setting** | Inpatient |
| **Data Source** | Electronic Clinical Data: Electronic Health Record, Paper Medical Records  |
| **Allowable Denominator Sub-sets** | All denominator subsets are permissible for this outcome  |