PN-5: Antibiotic Timing (Median)

Continuous Variable Statement: The time, in minutes, from hospital arrival to administration of the first dose of antibiotics in the hospital for patients 18 years of age and older with pneumonia.

Variable Key:
- Duration of Stay
- Initial Antibiotic Date
- Initial Antibiotic Time

START

Run cases that are included in the PN Initial Patient Population and pass the edits defined in the Data Processing Flow through this measure.

ICD-9-CM Other Diagnosis Codes

On Table 3.4

Missing or None on Table 3.4

PN-5 X

Missing

Chest X-Ray

= 2, 3, 4

PN-5 B

= 1

PN-5 X

Missing

Comfort Measures Only

= 1

PN-5 B

= 2, 3, 4

PN-5 X

Missing

Clinical Trial

= Y

PN-5 B

= N

PN-5 H

Specifications Manual for National Hospital Inpatient Quality Measures

Discharges 10-01-08 (4Q08) through 03-31-09 (1Q09)
Specifications Manual for National Hospital Inpatient Quality Measures

Discharges 10-01-08 (4Q08) through 03-31-09 (1Q09)

Note: Proceed only with antibiotics that are on Table 2.1.

Note: Proceed only with antibiotics that have an associated non-UTD Antibiotic Administration Date.

Note: The front-end edits reject cases containing invalid data and/or an incomplete Antibiotic Grid. A complete Antibiotic Grid requires all data elements in the row to contain either a valid value and/or ‘UTD’.

- Initial Antibiotic Date = The Antibiotic Administration Date that corresponds to the initial antibiotic dose.
  - If there is more than one antibiotic on the earliest date, select the one having the earliest non-UTD Antibiotic Administration Time.
  - If there is only one antibiotic on the earliest date, retain that earliest antibiotic as the Initial Antibiotic Dose.

- Initial Antibiotic Time = The Antibiotic Administration Time that corresponds to the initial antibiotic dose.
  - If there is more than one antibiotic on the earliest date, select the one having the earliest non-UTD Antibiotic Administration Time.
  - If there is only one antibiotic on the earliest date, retain that earliest antibiotic as the Initial Antibiotic Dose.

- Measurement Value = Initial Antibiotic Date and Initial Antibiotic Time minus Arrival Date and Arrival Time (in minutes).

- Note: Proceed only with antibiotics that have an associated non-UTD Antibiotic Administration Date.

- Note: There will be no category assignment E for this measure because it is a continuous variable.