

eMeasure Title	Example		
eMeasure Identifier (Measure Authoring Tool)		eMeasure Version number	0
NOF Number		GUID	x
Measurement Period	January 1, 20xx through December 31, 20xx		
Measure Steward	Measure Developer Z		
Measure Developer	Measure Developer X		
Endorsed By	National Quality Forum		
Description	Percentage of patient visits, regardless of patient age, with a diagnosis of cystic fibrosis currently receiving chest physiotherapy or antibiotic tune-up in which pain intensity is quantified		
Copyright	none		
Disclaimer	none		
Measure Scoring	Proportion		
Measure Type	Process		
Stratification	None		
Risk Adjustment	None		
Rate Aggregation	None		
Rationale			
Clinical Recommendation Statement			
Improvement Notation	Higher score indicates better quality		
Reference			
Reference			
Reference			
Definition			

Guidance	
Transmission Format	TBD
Initial Patient Population	All patient visits, regardless of patient age, with a diagnosis of cystic fibrosis currently receiving chest physiotherapy or antibiotic tune-up
Denominator	Equals Initial Patient Population
Denominator Exclusions	None
Numerator	Patient visits in which pain intensity is quantified
Numerator Exclusions	Not Applicable
Denominator Exceptions	None
Measure Population	Not Applicable
Measure Observations	Not Applicable
Supplemental Data Elements	For every patient evaluated by this measure also identify payer, race, ethnicity and gender.

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Population criteria

Initial Patient Population = All patients who have all of the following criteria:

- 1 Patients who have one of the following criteria:
 - 1.1 Patients who have all of the following criteria:
 - 1.1.1 **ABX Tune-up** = any performed procedure (defined by “ABX Tune-up - Pediatric” value set) that meets all of the following criteria:
 - 1.1.1.1 start date of performed procedure (defined by “ABX Tune-up - Pediatric” value set) that occurs between measurement period start date and measurement period end date
 - 1.1.2 Patients who have one of the following criteria:
 - 1.1.2.1 any Active Diagnosis (defined by “Cystic Fibrosis” value set) that meet all of the following criteria:
 - 1.1.2.1.1 end date of active diagnosis is null
 - 1.1.2.1.2 any Active Diagnosis (defined by “Cystic Fibrosis” value set) that meet one of the following criteria:
 - 1.1.2.1.2.1 start date of Active Diagnosis (defined by “Cystic Fibrosis” value set) that occurs between start date of **ABX Tune-up** and end date of **ABX Tune-up**
 - 1.1.2.1.2.2 start date of Active Diagnosis (defined by “Cystic Fibrosis” value set) that occurs before start date of **ABX Tune-up**
 - 1.2 Patients who meet all of the following criteria:
 - 1.2.1 **Pedi Inpatient or Home Health** = any encounter that meets one of the following criteria:
 - 1.2.1.1 the performed encounter (defined by “Pediatric Inpatient Hospital Visit” value set) occurs between measurement start date and measurement end date

1.2.1.2 the performed encounter (defined by “Home Health Visit” value set) that occurs between measurement start date and measurement end date

1.2.2 **First Chest PT** = any performed procedure (defined by “Chest Physiotherapy-Pediatric” value set) that meets one of the following criteria:

1.2.2.1 start date of performed procedure (defined by “Chest Physiotherapy-Pediatric” value set) that occurs at most 30 days before start date of **Pedi Inpatient or Home Health**

1.2.2.2 the performed procedure (defined by “Chest Physiotherapy-Pediatric” value set) that occurs between start date of **Pedi Inpatient or Home Health** and end date of **Pedi Inpatient or Home Health**

1.2.3 **Second Chest PT** = any performed procedure (defined by “Chest Physiotherapy-Pediatric” value set) that occurs at most 30 days after end date of **Pedi Inpatient or Home Health**

Denominator = All patients who meet all of the following criteria:

1.3 Initial Patient Population

Denominator Exclusions =

1.4 None

Numerator = All patients who meet one of the following criteria:

1.5 any Risk Category Assessment (defined by “Wong-Baker FACES Pain Assessment Tool” value set) that meet one of the following criteria:

- 1.5.1 start date of Risk Category Assessment (defined by “Wong-Baker FACES Pain Assessment Tool” value set) that occurs between start date of **Pedi Inpatient or Home Health** and end date of **Pedi Inpatient or Home Health**
- 1.5.2 start date of Risk Category Assessment (defined by “Wong-Baker FACES Pain Assessment Tool” value set) that occurs between of start date of **Chest PT** and end date of **Chest PT**

Denominator Exceptions =

- 1.6 None

Data criteria (QDM Data Elements)

- Active Diagnosis defined by “Cystic Fibrosis” value set (1.1.1.1)
- Performed Encounter defined by “Pediatric Inpatient Hospital Visit” value set (2.2.2.2)
- Performed Encounter defined by “Home Health Visit” value set (3.3.3.3)
- Performed procedure defined by “Chest Physiotherapy - Pediatric” value set (4.4.4.4)
- Risk Category Assessment defined by “Wong-Baker FACES Pain Assessment Tool” value set (5.5.5.5)
- Performed Procedure defined by “ABX Tune-up - Pediatric” value set (6.6.6.6)

Reporting Stratification

- None

Supplemental Data Elements

- "Patient Characteristic Ethnicity: Ethnicity" using "Ethnicity CDC Value Set (2.16.840.1.114222.4.11.837)"
- "Patient Characteristic Gender: Gender" using "Gender HL7 (2.16.840.1.113883.5.1) Value Set (2.16.840.1.113883.1.11.1)"
- "Patient Characteristic Payer: Payer" using "Payer Source of Payment Typology Value Set (2.16.840.1.113883.221.5)"
- "Patient Characteristic Race: Race" using "Race CDC Value Set (2.16.840.1.114222.4.11.836)"

Comment [CM1]: Need to update

Measure Set

None