

| Measure Name | Use of Appropriate Medications for People with Asthma |
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| Relevance | NPO Population Clinical Quality Dashboard [<i>NQF 0036: Respiratory Measure</i>] |
| Measure Definition | <i>The percentage of patients, 5-64 years of age and with a diagnosis of Persistent Asthma, who were appropriately prescribed medication during the Measurement Period</i> |
| Measurement Period | The Measurement Period is defined as the current calendar year (January 1 to December 31) |
| Denominator | <p>The Denominator consists of patients who:</p> <ul style="list-style-type: none"> I. Are ≥ 5 and < 64 years of age at the start of the Measurement Period II. And Have been seen for an applicable E&M encounter during the Measurement Period III. And Have an active diagnosis for Persistent Asthma* during the Measurement Period <p>*Note: A patient is identified as having Persistent Asthma if at least one of the following criteria are met during both the Measurement Period and the year prior to the Measurement Period (Criteria need not be the same across both years):</p> <ul style="list-style-type: none"> I. The patient had at least one ED visit with a principal diagnosis of Asthma II. The patient had at least one acute inpatient encounter with a principal diagnosis of Asthma III. The patient had at least 4 outpatient or Observations visits, on different dates of service, with any diagnosis of Asthma AND at least 2 Asthma medication dispensing events (Visit type need not be the same for the four visits) IV. The patient had at least 4 Asthma medication dispensing events |
| Numerator | <p>The Numerator consists of patients, from the Denominator, who were dispensed at least one prescription for an Asthma controller medication during the Measurement Period</p> |

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| Exclusions and/or Exceptions | <p>Patients are excluded from the Denominator for one of the following reasons:</p> <ul style="list-style-type: none"> I. They have an active diagnosis for Acute Respiratory Failure during the Measurement Period II. They have an active diagnosis for COPD during the Measurement Period III. They have an active diagnosis for Cystic Fibrosis during the Measurement Period IV. They have an active diagnosis for Emphysema during the Measurement Period |
| Measure Documentation | <p>To Qualify For This Measure: <i>(Denominator Documentation)</i></p> <ul style="list-style-type: none"> I. The patient must be seen for an applicable visit encounter during the Measurement Period <ul style="list-style-type: none"> A. The following E&M codes identify applicable Asthma office visits: <ul style="list-style-type: none"> 1. 99201 - 99205 and 99212 - 99215 2. 99341 - 99345, 99347 - 99350, 99381 - 99387 and 99391 - 99397 B. The appropriate E&M code is recorded in the Billing section of the Progress Note for the visit <i>(Progress Note → Billing)</i> II. An active diagnosis for Persistent Asthma must be documented in the patient's chart in eCW <ul style="list-style-type: none"> A. The following ICD-10 codes indicate Persistent Asthma: J45.30 - J45.32, J45.40 - J45.42 and J45.50 - J45.52 B. Add the appropriate diagnosis to the Problem List in the patient's chart in eCW |
| | <p>To Satisfy This Measure: <i>(Numerator Documentation)</i></p> <ul style="list-style-type: none"> I. Document a prescription for, and use of, an Asthma controller medication in the "Current Medications" section of the patient's chart in eCW <i>(continued)</i> |

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| <p>Measure Documentation (continued)</p> | <p>A. The following (generic) medications are considered Asthma controller medications:</p> <ul style="list-style-type: none"> 1. Aminophylline 2. Beclomethasone 3. Budesonide 4. Budesonide - Formoterol 5. Ciclesonide 6. Cromolyn 7. Dyphylline 8. Dyphylline-Guaifenesin 9. Flunisolide 10. Fluticasone 11. Fluticasone CFC Free 12. Fluticasone Furoate 13. Fluticasone - Salmeterol 14. Formoterol - Mometasone 15. Guaifenesin - Theophylline 16. Mometasone 17. Montelukast 18. Omalizumab 19. Theophylline 20. Zafirlukast 21. Zileuton <p>B. Record the Asthma controller medication in the patient's chart from one of the following locations:</p> <ul style="list-style-type: none"> 1. <i>Progress Note → Treatment → Add</i> 2. <i>Progress Note → Current Medications → Add Medication</i> 3. <i>Telephone/Web Encounter → Rx Tab → Select Rx</i> 4. <i>Telephone/Web Encounter → Virtual Visit → Treatment → Add</i> <p style="text-align: center;"><i>(continued)</i></p> |

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| Measure Documentation <i>(continued)</i> | <p>C. Document any allergy or intolerance to an Asthma controller medication, in the "Allergies" section of the patient's chart in eCW</p> <ol style="list-style-type: none"> 1. Also, if an Asthma controller medication is discontinued, for any reason, document the reason for stopping the medication in a Progress Note or Telephone Encounter in the patient's chart 2. See the "Trouble-Shooting" section, below, for instructions on how to add a new allergy or intolerance to the patient's chart <p>II. For more information on applicable Asthma controller medications (including dosages, routes, and corresponding NDC codes), see Table MMA-B at www.ncqa.org</p> |
| Exclusion and/or Exception Documentation | <p style="text-align: center;"><u>To Exclude a Patient from the Denominator</u> <i>(Exclusion and/or Exception Documentation)</i></p> <p>I. If applicable, document one of the following ICD-10 codes for Acute Respiratory Failure in the Problem List of the patient's chart in eCW J96.00 - J96.02 and J96.20 - J96.22</p> <hr/> <p>II. If applicable, document one of the following ICD-10 codes for Persistent COPD in the Problem List of the patient's chart in eCW J44.0, J44.1 and J44.9</p> <hr/> <p>III. If applicable, document one of the following ICD-10 codes for Cystic Fibrosis in the Problem List of the patient's chart in eCW E84.0, E84.11, E84.19, E84.8 and E84.9</p> <hr/> <p>IV. If applicable, document one of the following ICD-10 codes for Emphysema in the Problem List of the patient's chart in eCW J43.0 - J43.2, J43.8 - J43.9, J68.4 and J98.2 - J98.3</p> |
| | <i>(continued)</i> |

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| Trouble-Shooting | <p><u>Having Problems? Check Out the Following Trouble-Shooting Tips</u></p> <p>I. Verify that any applicable ICD-10 diagnosis code(s) have been added to the Problem List in the patient's chart in the EMR</p> <ul style="list-style-type: none"> A. Verify that the correct ICD-10 diagnosis code has been added B. Add a diagnosis to the patient's Problem List in one of the following ways: <ol style="list-style-type: none"> 1. <i>Progress Note (or Virtual Visit)</i> → Assessments → Problem List → Add 2. OR, From the ICW (Right-Hand Chart Panel), click the "Overview" tab <ul style="list-style-type: none"> a. Click the orange button (with three dots) in the Progress Note band b. Click "Add" 3. Helpful Tip: When adding a new diagnosis to the Problem List, enter the onset date (if known) in the associated "Onset Date" field C. Confirm diagnoses assessed by specialists, ER and hospital physicians <ol style="list-style-type: none"> 1. Add applicable diagnoses to the patient's Problem List in your EMR 2. Keep the Problem List accurate by archiving diagnoses that are no longer valid to the Medical History section of the patient's chart <p>II. Confirm medications prescribed by specialists, ER and hospital physicians</p> <ul style="list-style-type: none"> A. Add new medications to the patient's "Current Medications" list in the patient's chart in your EMR B. Keep the "Current Medications" list accurate by removing medications that are no longer being taken |
| | <p><i>(continued)</i></p> |

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| Trouble-Shooting <i>(continued)</i> | <p>III. Document any adverse reactions (allergy or intolerance) to an Asthma controller medication in the "Allergies" section of the patient's chart</p> <p>A. Access the "Allergies" section of the patient's chart in one of the following ways:</p> <ol style="list-style-type: none"> 1. <i>Progress Note (or Virtual Visit) → Allergies/Intolerances</i> 2. <u>OR</u>, From the Progress Note Dashboard, click the Allergies/Intolerance icon <p>B. Add a new Allergy or Intolerance as follows:</p> <ol style="list-style-type: none"> 1. From the "Allergies/Intolerance" window, click "Add" 2. The "Past Medical History" window will open <ul style="list-style-type: none"> a. "Structured/Non-Structured" Field <ol style="list-style-type: none"> 1) Select "Structured" if documenting a Drug allergy 2) Select "Non-Structured" if documenting a non-Drug allergy b. "Agent/Substance" Field <ol style="list-style-type: none"> 1) For a Structured (Drug) Allergy <ul style="list-style-type: none"> a) Click on the field to open the "Select Rx" window b) Find and select the appropriate medication c) Click "OK" to save the information and exit the window 2) For a Non-Structured A (Non-Drug/Other) Allergy <ul style="list-style-type: none"> a) Click in the empty field to reveal a carat for a drop-down box b) Click the carat to reveal a list of (Non-Drug/Other) Allergy options c) Select an Allergy from the list of options in the drop-down box d) <u>Or</u>, free-type an Allergy into the "Agent/Substance" field <p><i>(continued)</i></p> |

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| Trouble-Shooting <i>(continued)</i> | <p>c. "Reaction" Field</p> <ol style="list-style-type: none"> 1) For any Allergy, click in the empty "Reaction" field to reveal a carat for a drop-down list of options 2) Select the appropriate Reaction from the list of options (i.e., anaphylaxis) 3) <u>Or</u>, free-type a reaction into the empty field <p>d. "Type" Field</p> <ol style="list-style-type: none"> 1) For any Allergy, click in the empty "Type" field to reveal a carat for a drop-down list of options 2) Select the appropriate type (i.e., Allergy versus Intolerance) from the list of options <p>e. "Status" Field</p> <ol style="list-style-type: none"> 1) For any Allergy, click in the empty "Status" field to reveal a carat for a drop-down list of options 2) Select the current status (i.e., Active versus Inactive) for the Allergy/Intolerance from the list of options <p>IV. For further assistance, contact Ed Worthington (eworthington@npoinc.org) or Kelly Saxton (ksaxton@npoinc.org) at NPO (231-421-8505)</p> |
| For More Information | <p style="text-align: center;"><u>For More Information</u></p> <p>I. HEDIS: "Use of Appropriate Medications for People with Asthma"</p> <p>II. eClinicalWorks "CMS 126 - Use of Appropriate Medications for Asthma" (October, 2015)</p> |