PARKINSON’S DISEASE
Measure #2: Psychiatric Disorders or Disturbances Assessment

This measure may be used as an accountability measure.

Clinical Performance Measure

Numerator: Patients who were assessed for psychiatric disorders or disturbances (e.g., psychosis, depression, anxiety disorder, apathy, or impulse control disorder) at least annually.

Denominator: All patients with a diagnosis of Parkinson’s disease.

Denominator Exclusions:
- No exclusions appropriate for this measure.

Measure: All patients with a diagnosis of Parkinson’s disease who were assessed for psychiatric disorders or disturbances (e.g., psychosis, depression, anxiety disorder, apathy, or impulse control disorder) at least annually.

The following clinical recommendation statements are quoted verbatim from the referenced clinical guidelines and represent the evidence base for the measure:

Clinicians should be aware of dopamine dysregulation syndrome, an uncommon disorder in which dopaminergic medication misuse is associated with abnormal behaviors, including hypersexuality, pathological gambling and stereotypic motor acts. This syndrome may be difficult to manage. (Level D) NICE GL35 (Jun 2006)

If a veteran with PD presents with new onset of one of the following symptoms: sad mood, feeling down; insomnia or difficulties with sleep; apathy or loss of interest in pleasurable activities; complains of memory loss; unexplained weight loss of greater than 5% in the past month or 10% over one year; or unexplained fatigue or low energy, then the patient should be asked about or treated for depression, or referred to a mental health professional within two weeks of presentation. (Outcomes Impact 5; Room for Improvement 4; Overall utility rating 4) Cheng 2004

Clinicians should have a low threshold for diagnosing depression in PD. (Level D) NICE GL35 (Jun 2006)

All veterans with PD should be reassessed for complications of PD (including, but not limited to functional status, excessive daytime somnolence, speech and swallowing difficulties, dementia, depression, and psychosis) at least on an annual basis. Cheng #10 (Reassessment for complications for PD) 2004

All people with PD and psychosis should receive a general medical evaluation and treatment for any precipitating condition. (Level D) NICE GL35 (Jun 2006)


Rationale for the Measure:
Parkinson’s disease is associated with a wide range of psychiatric disorders. Some of these problems are related to the disease itself and some are related to the medications used to treat the disease. These disorders range from anxiety and depression to psychosis and impulse control disorder. It has been demonstrated that depression, in particular, has been often overlooked as a diagnostic possibility in patients with Parkinson’s disease. In fact, it has been demonstrated that depression and other psychiatric disorders are often overlooked in the general medical population. This measure will ensure that the clinician remembers to evaluate the patient for the basis of these psychiatric disorders on a yearly basis.


Data Capture and Calculations:

Calculation for Performance
For performance purposes, this measure is calculated by creating a fraction with the following components: Numerator and Denominator.

Performance Numerator (A) includes:
Patients who were assessed for psychiatric disorders or disturbances (e.g., psychosis, depression, anxiety disorder, apathy, or impulse control disorder) at least annually.

Performance Denominator (PD) includes:
All patients with a diagnosis of Parkinson’s disease.

Performance Calculation

\[
\frac{A \text{ (# of patients meeting measure criteria)}}{PD \text{ (# of patients in denominator)}}
\]

Components for this measure are defined as:

<table>
<thead>
<tr>
<th>A</th>
<th># of patients who were assessed for psychiatric disorders or disturbances (e.g., psychosis, depression, anxiety disorder, apathy, or impulse control disorder) at least annually</th>
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</thead>
<tbody>
<tr>
<td>PD</td>
<td># of patients with a diagnosis of Parkinson’s disease</td>
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</table>
Calculation for Reporting

For reporting purposes, this measure is calculated by creating a fraction with the following components: Reporting Numerator and Reporting Denominator.

Reporting Numerator includes each of the following instances:
A. Patients with documentation of assessment for psychiatric disorders or disturbances (e.g., psychosis, depression, anxiety disorder, apathy, or impulse control disorder) at least annually.
D. Patients with no documentation of assessment for psychiatric disorders or disturbances (e.g., psychosis, depression, anxiety disorder, apathy, or impulse control disorder) at least annually.

Reporting Denominator (RD) includes:
RD. All patients with a diagnosis of Parkinson’s disease.

Reporting Calculation

\[
\frac{A \text{ (# of patients meeting numerator criteria)}}{\text{RD (# of patients in denominator)}} + \frac{D \text{ (# of patients NOT meeting numerator criteria)}}{\text{RD (# of patients in denominator)}}
\]

Components for this measure are defined as:

\[
\begin{array}{|c|}
\hline
\text{A} & \text{# of patients who were assessed for psychiatric disorders or disturbances (e.g., psychosis, depression, anxiety disorder, apathy, or impulse control disorder) at least annually} \\
\hline
\text{D} & \text{# of patients with no documentation of assessment for psychiatric disorders or disturbances (e.g., psychosis, depression, anxiety disorder, apathy, or impulse control disorder) at least annually} \\
\hline
\text{RD} & \text{# of patients with a diagnosis of Parkinson’s disease} \\
\hline
\end{array}
\]

Measure Specifications- Psychiatric Disorders or Disturbances Assessment

Measure specifications for data sources other than administrative claims will be developed at a later date.

A. Administrative Claims Data

Administrative claims data collection requires users to identify the eligible population (denominator) and numerator using codes recorded on claims or billing forms (electronic or paper).

(Note: The specifications listed below are those needed for performance calculation.)

Denominator (Eligible Population): All patients with a diagnosis of Parkinson’s disease.
- CPT ®Procedure Codes: 99201, 99202, 99203, 99204, 99205, 99212, 99213, 99214, 99215, 99241, 99242, 99243, 99244, 99245, 99304, 99305, 99306, 99307, 99308, 99309, 99310
  AND
- ICD-9 diagnosis codes: 332.0

Numerator: Patients who were assessed for psychiatric disorders or disturbances (e.g., psychosis, depression, anxiety disorder, apathy, or impulse control disorder) at least annually.
- Report the CPT Category II, Psychiatric Disorders or Disturbances Assessment 3700F.

Denominator Exclusion(s): None.
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<tbody>
<tr>
<td>B. Electronic Health Record System (in development)</td>
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</tr>
<tr>
<td>C. Paper Medical Record (in development)</td>
<td></td>
</tr>
</tbody>
</table>