

**Quality ID #283: Dementia Associated Behavioral and Psychiatric Symptoms Screening and Management – National Quality Strategy Domain: Effective Clinical Care**

**2018 OPTIONS FOR INDIVIDUAL MEASURES:**  
**REGISTRY ONLY**

**MEASURE TYPE:**  
Process

**DESCRIPTION:**  
Percentage of patients with dementia for whom there was a documented symptoms screening\* for behavioral and psychiatric symptoms, including depression, **AND** for whom, if symptoms screening was positive, there was also documentation of recommendations for symptoms management in the last 12 months.

**INSTRUCTIONS:**  
This measure is to be submitted a minimum of **once per performance period** for patients with a diagnosis of dementia seen during the performance period. This measure may be submitted by eligible clinicians who perform the quality actions described in the measure based on the services provided and the measure-specific denominator coding.

**Measure Submission:**  
The listed denominator criteria is used to identify the intended patient population. The numerator options included in this specification are used to submit the quality actions allowed by the measure. The quality-data codes listed do not need to be submitted for registry-based submissions; however, these codes may be submitted for those registries that utilize claims data.

**DENOMINATOR:**  
All patients with a diagnosis of dementia

**Denominator Criteria (Eligible Cases):**

All patients regardless of age

**AND**

**Diagnosis for dementia (ICD-10-CM):** A52.17, A81.00, A81.01, A81.89, B20, F01.50, F01.51, F02, F02.80, F02.81, F03.90, F03.91, F05, F10.27, G20, G30.0, G30.1, G30.8, G30.9, G31.01, G31.09, G31.83, G31.85, G31.89, G94

**AND**

**Patient encounter during the performance period (CPT):** 90791, 90792, 90832, 90833, 90834, 90836, 90837, 90838, 96116, 96118, 96119, 96120, 96127, 96150, 96151, 96152, 96154, 96155, 97165, 97166, 97167, 97168, 99201, 99202, 99203, 99204, 99205, 99211, 99212, 99213, 99214, 99215, 99221, 99222, 99223, 99231, 99232, 99233, 99238, 99239, 99281, 99282, 99283, 99284, 99285, 99304, 99305, 99306, 99307, 99308, 99309, 99310, 99324, 99325, 99326, 99327, 99328, 99334, 99335, 99336, 99337, 99339, 99340, 99341, 99342, 99343, 99344, 99345, 99347, 99348, 99349, 99350, 99487, 99489, 99490, 99497, 99498

**WITHOUT**

Telehealth Modifier: GQ, GT, 95, POS 02

**NUMERATOR:**  
Patients with dementia for whom there was at least one documented symptoms screening\* in the last 12 months for at least one symptom each for three domains of behavioral and psychiatric symptoms, including depression and for whom, if symptoms screening was positive, there was also documentation of recommendations for symptoms management in the last 12 months.

**Numerator Instructions:**

\*Symptoms Screening for at least one symptom each for three domains of behavioral and psychiatric symptoms, including depression is defined as using a validated instrument or directly examining the patient or knowledgeable informant to determine the presence or absence of symptoms from three domains activity disturbances, mood disturbances (including depression), and thought and perceptual disturbances. The following is a non-exhaustive list of symptoms falling into each of the three requisite domains pertinent to this measure:

*Activity disturbances (To meet measure, patient or knowledgeable informant must be screened for at least one symptom from this list):*

- Agitation
- Wandering
- Purposeless hyperactivity
- Verbal or physical aggressiveness
- Resisting care
- Apathy
- Impulsiveness
- Socially inappropriate behaviors
- Eating disturbances
- Sleep problems
- Diurnal/sleep-wake cycle disturbances
- Repetitive behavior

*Mood disturbances (To meet measure, patient or knowledgeable informant must be screened for depression and at least one more symptom from this list):*

- Anxiety
- Elation
- Irritability
- Mood lability/fluctuations

*Thought and perceptual disturbances (To meet measure, patient or knowledgeable informant must be screened for at least one symptom from this list):*

- Having fixed false beliefs (delusions)
- Hearing or seeing non-present entities (hallucinations)
- Paranoia

Examples of reliable and valid instruments that are commonly used in research settings and that can be used to assess behavior include, but are not limited to:

Dementia Signs and Symptoms (DSS) Scale (1) or Neuropsychiatric Inventory (NPI) (2). The assessment of behavioral status may include the assessment of Behavioral and Psychological Symptoms of Dementia (BPSD) (3). For patients residing in nursing homes, it may include an assessment of the behavioral symptom items from the Minimum Data Set (MDS) (4).

**NUMERATOR SUBMISSION CRITERIA**

Patients who were screened for behavioral and psychiatric symptoms for three domains at least once within the past 12 months

**Definitions:**

Positive Behavioral and Psychiatric Symptoms Screening includes documentation for at least one symptom for each of three domains: activity disturbances, mood disturbances, thought and perceptual disturbances including depression during an encounter

**NUMERATOR NOTE:** *The 12 month look back period is defined as 12 months from the date of the denominator eligible encounter. In the event that a patient is not screened or partially screened during an*

eligible encounter for behavioral and psychiatric symptoms or the screening status is unknown submit G9921.

**Numerator Options:**

**Performance Met:**

Screening Performed AND Positive AND Provision of Recommendations (G9919)

**OR**

**Performance Met:**

Screening Performed AND Negative (G9920)

**OR**

**Performance Not Met:**

No Screening Performed, Partial Screening Performed OR Positive Screen Without Recommendations and Reason is Not Given or Not Otherwise Specified (G9921)

**RATIONALE:**

Decreasing the rate of behavioral and psychiatric symptoms of dementia is a desired outcome. These symptoms, including depression, have serious adverse impact on quality of life for patients and caregivers and increase the risk of institutionalization. They may go unrecognized and untreated by health care providers if they are not actively screened for with specific attention to discrete symptom domains.

**CLINICAL RECOMMENDATION STATEMENTS:**

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

- "It is important for the [clinician] treating a patient with dementia to regularly assess cognitive deficits or behavioral difficulties that potentially pose a danger to the patient or others." (5)
- "Traditionally cognitive function has been the main focus of interest in treatment and research of people with dementia. It is becoming increasingly recognized, however, that noncognitive symptoms are those that are most disturbing to families and caregivers and may seriously impact not only the patient's well-being, but also the family's, caregiver' and providers' approaches to managing the patient"(6)
- "Assess and monitor for behavioral changes; in particular, the presence of agitation, aggression, anxiety, disinhibitions, delusions, and hallucinations" (7)
- "Identification of neuropsychiatric symptoms is essential for both the diagnosis and treatment, as some BPSD constitute the core or supportive diagnostic features of some non-AD dementias, such as DLB, PDD or FTLD" (8)

"In summary, new trials and studies better define adverse effects, but they do not strengthen the evidence for efficacy of antipsychotic drugs in treating psychosis or agitation. Rather, they demonstrate minimal or no efficacy with strong placebo effects as well as variations in response with trial duration. These findings strengthen the support for using nonpharmacological interventions and environmental measures to attempt to reduce psychosis and agitation prior to initiation of medications."(9)

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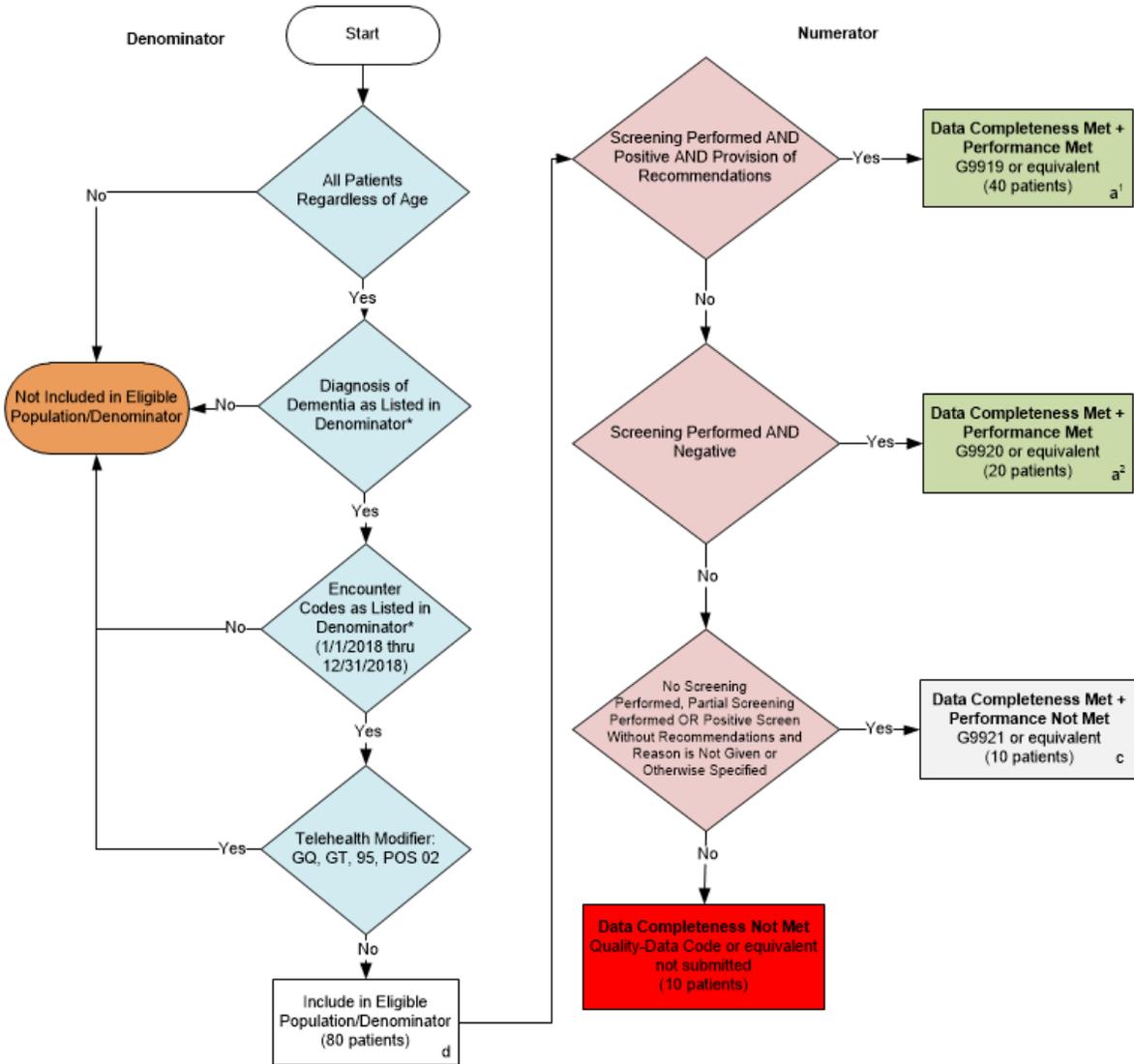
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## 2018 Registry Flow for Quality ID #283: Dementia Associated Behavioral and Psychiatric Symptoms Screening and Symptoms Management



### SAMPLE CALCULATIONS:

**Data Completeness=**  
 Performance Met (a<sup>1</sup> + a<sup>2</sup>=60 patients) + Performance Not Met (c=10 patients) = 70 patients = 87.50%  
 Eligible Population / Denominator (d=80 patients) = 80 patients

**Performance Rate=**  
 Performance Met (a<sup>1</sup> + a<sup>2</sup>=60 patients) = 60 patients = 85.71%  
 Data Completeness Numerator (70 patients) = 70 patients

\* See the posted Measure Specification for specific coding and instructions to submit this measure.

NOTE: Submission Frequency: Patient-process

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## 2018 Registry Flow for Quality ID

### #283: Dementia Associated Behavioral and Psychiatric Symptoms Screening and Management

Please refer to the specific section of the Specification to identify the denominator and numerator information for use in submitting this Individual Specification. This flow is for registry-data submission.

1. Start with Denominator.
2. Check Patient Age:
  - a. All Patients Regardless of Age, proceed to check Patient Diagnosis.
3. Check Patient Diagnosis:
  - a. If Diagnosis of Dementia as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
  - b. If Diagnosis of Dementia as Listed in the Denominator equals Yes, proceed to check Current Encounter Performed.
4. Check Encounter Performed:
  - a. If Encounter as Listed in the Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
  - b. If Encounter as Listed in the Denominator equals Yes, proceed to check Telehealth Modifier.
  - c. If Encounter as Listed in the Denominator equals Yes, proceed to check Telehealth Modifier.
5. Check Telehealth Modifier.
  - a. If Telehealth Modifier equals Yes, do not include in Eligible Patient Population. Stop Processing.
  - b. If Telehealth Modifier equals No, include in Eligible Population.
6. Denominator Population.
  - a. Denominator population is all Eligible Patients in the denominator. Denominator is represented as Denominator in the Sample Calculation listed at the end of this document. Letter d equals 80 patients in the Sample Calculation.
7. Start Numerator.
8. Check Patient Screened for Behavioral and Psychiatric Symptoms at least once within the last 12 Months.
  - a. If Patient Screened for Behavioral and Psychiatric Symptoms at least once within the last 12 months AND Determined to be a Positive Screen with Provision of Symptoms Management Recommendations equals Yes, include in Data Completeness Met and Performance Met.
  - b. Data Completeness Met and Performance Met letter is represented in the Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter a1 equals 40 patients in the Sample Calculation.
  - c. If Patient Screened for Behavioral and Psychiatric Symptoms at least once within the last 12 months AND Determined to be a Positive Screen with Provision of Symptoms Management Recommendations equals

No, proceed to check Patient Screened for Behavioral and Psychiatric Symptoms at least once within the last 12 months AND Determined to be a Negative Screen with or without Symptoms Management Recommendations.

9. Check Behavioral and Psychiatric Symptoms Screening Not Performed, Reason Not Given:
  - a. If Behavioral and Psychiatric Symptoms Screening Not Performed at least once within the last 12 months, Reason Not Given equals Yes, include in the Data Completeness Met and Performance Not Met.
  - b. Data Completeness Met and Performance Not Met letter is represented in the Data Completeness in the Sample Calculation listed at the end of this document. Letter c equals 10 patients in the Sample Calculation.
  - c. Behavioral and Psychiatric Symptoms Screening Not Performed at least once within the last 12 months Not Performed, Reason Not Given equals No and reason not otherwise specified proceed to Data Completeness Not Met.
10. Check Data Completeness Not Met
  - a. If Data Completeness Not Met equals No, Quality Data Code or Equivalent not submitted, 10 patients have been subtracted from the Data Completeness Numerator in the Sample Calculation.

**SAMPLE CALCULATIONS:**

**Data Completeness=**

$$\frac{\text{Performance Met (a}^1 + \text{a}^2=60 \text{ patients)} + \text{Performance Not Met (c=10 patients)}}{\text{Eligible Population / Denominator (d=80 patients)}} = \frac{70 \text{ patients}}{80 \text{ patients}} = 87.50\%$$

**Performance Rate=**

$$\frac{\text{Performance Met (a}^1 + \text{a}^2=60 \text{ patients)}}{\text{Data Completeness Numerator (70 patients)}} = \frac{60 \text{ patients}}{70 \text{ patients}} = 85.71\%$$