

Cognitive Assessment and Care Planning Services:

Alzheimer's Association Expert Task Force Recommendations and Tools for Implementation

1. Background and introduction to CPT® code 99483

The Alzheimer's Association® has long advocated for Medicare reimbursement for services aimed at improving detection, diagnosis, and care planning and coordination for patients with Alzheimer's disease and related dementias (ADRD) and their caregivers (Attea, Johns, 2010). These efforts, embodied in the Health Outcomes, Planning, and Education for Alzheimer's (HOPE) Act and aided by support from physician groups involved in developing new Current Procedural Terminology (CPT) codes, culminated in approval of a Medicare procedure code, G0505, which took effect January 1, 2017. In January 2018, G0505 was replaced by CPT code 99483. Code 99483 provides reimbursement to physicians and other eligible billing practitioners for a comprehensive clinical visit that results in a written care plan. Code 99483 requires an independent historian; a multidimensional assessment that includes cognition, function, and safety; evaluation of neuropsychiatric and behavioral symptoms; review and reconciliation of medications; and assessment of the needs of the patient's caregiver. (See the CPT 2018 manual for full details.) These components are central to informing, designing and delivering a care plan suitable for patients with cognitive impairment (Anonymous. Fed Register 2016).

The Alzheimer's Association Expert Task Force provided information and suggestions on the content and use of Code G0505 (now 99483) to the Centers for Medicare & Medicaid (CMS) during the comment phase (Alzheimer's Association Task Force, 2016), and reconvened in November 2016 to make recommendations about how to conduct the required assessments. Its recommendations derive from a broad consensus about good clinical practice, informed by intervention trials and emphasizing validated assessment tools that can be implemented in routine clinical care across the United States. The multidisciplinary task force was comprised of geographically dispersed experts in the United States who provide ongoing clinical care for individuals with ADRD and/or have published recognized works in the field.

2. Who is eligible to receive this comprehensive care planning service?

Cognitive assessment and care plan services are provided when a comprehensive evaluation of a new or existing patient, who exhibits signs and/or symptoms of cognitive impairment, is required to establish or confirm a diagnosis, etiology and severity for the condition.

Do not report cognitive assessment and care plan services if any of the required elements are not performed or are deemed unnecessary for the patient's condition. For these services, see the appropriate evaluation and management (E/M) code. (American Medical Association, CPT 2018).

3. Who can provide this service?

Any practitioner eligible to report E/M services can provide this service. Eligible providers include physicians (MD and DO), nurse practitioners, clinical nurse specialists, and physician assistants. Eligible practitioners must provide documentation that supports a moderate-to-high level of complexity in medical decision making, as defined by E/M guidelines (with application as appropriate of the usual "incident-to" rules, consistent with other E/M services) (Anonymous. Fed Register 2016). The provider must also document the detailed care plan developed as a result of each required element covered by 99483.

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4. What must the clinician do to meet the required elements for code 99483?

Assessment of and care planning for a patient with cognitive impairment, requiring an independent historian, in the office or other outpatient, home, domiciliary or rest home setting with all of the following required elements:

- Cognition-focused evaluation including a pertinent history and examination;
- Medical decision-making of moderate or high complexity;
- Functional assessment (e.g., basic and instrumental activities of daily living), including decision-making capacity;
- Use of standardized instruments for staging of dementia (e.g., functional assessment staging test [FAST], clinical dementia rating [CDR]);
- Medication reconciliation and review for high-risk medications;
- Evaluation for neuropsychiatric and behavioral symptoms, including depression, including use of standardized screening instrument(s);
- Evaluation of safety (e.g., home), including motor vehicle operation;
- Identification of caregiver(s), caregiver knowledge, caregiver needs, social supports and the willingness of caregiver to take on caregiving tasks;
- Development, updating or revision, or review of an Advance Care Plan;
- Creation of a written care plan, including initial plans to address any neuropsychiatric symptoms, neurocognitive symptoms, functional limitations and referral to community resources as needed (e.g., rehabilitation services, adult day programs, support groups) shared with the patient and/or caregiver with initial education and support.

Typically, 60 minutes are spent face to face with the patient and/or family or caregiver.

See the 2021 CPT manual for the full description and detailed instructions for code 99483.

5. When, where and by whom can the required elements be assessed?

The nine assessment elements of 99483 can be evaluated within the care planning visit or in one or more visits that precede it, using appropriate billing codes (most often an E/M code). Patients with complex medical, behavioral, psychosocial and/or caregiving needs may require a series of assessment visits, while those with well-defined or less complex problems may be fully assessed during the care plan visit. Results of assessments conducted prior to the care plan visit are allowed in care planning documentation provided they remain valid or are updated with any changes at the time of care planning.

A single physician or other qualified health care professional should not report 99483 more than once every 180 days.

Many of the required assessment elements can be completed by appropriately trained members of the clinical team working with the eligible provider. Assessments that require the direct participation of a knowledgeable care partner or caregiver, such as a structured assessment of the patient's functioning at home or a caregiver stress measure, may be completed prior to the clinical visit and provided to the clinician for inclusion in care planning. Care planning visits can be conducted in the office or other outpatient, home, domiciliary or rest home settings.

6. What measurement tools should be used to support the care planning process and its documentation?

Standardized, validated tools are preferred whenever possible and are required for some elements (see Table 1 for suggested tools). Such tools offer a basic framework on which to build a nuanced clinical understanding of care needs through ongoing clinical contact with the patient and caregiver. Though all required elements must be represented, the choice of assessment tools should be customized for differing clinician styles and practice composition, workflows and overall clinical goals. For example, primary care providers and dementia specialists may prefer different tools.

For several domains of care planning, simple, validated tools do not yet exist. This is most evident in primary care settings for cognitive assessment. In the table below, refer to the comments section for details on assessment administration and validity in various care settings for cognition-based tools. Ideally, tools should be:

- **Practical:** Time and effort to complete them fit the primary care clinical setting.
- **Parsimonious:** Provide enough information to support a meaningful care plan.
- **Scorable:** Results depicted in a single number.
- **Retrievable:** Easily incorporated into electronic health record fields and searchable at the point of care.

Table 1: Suggested Measures to Support the Care-Planning Process

The table below provides examples of simpler and more complex tools acceptable for assessing each domain. In some settings, a simple tool might be sufficient; in others, it could be used to trigger a more complex assessment or be replaced by a more detailed measure.

Domain	Suggested measures	Comments
Cognition	Mini-Cog [©]	≤ 5 min, validated in community and general practice samples
	GPCOG	Brief, patient/informant components, validated in community and general practice samples
	MoCA	10-15 mins, validated in memory clinics, higher sensitivity and specificity for Mild Cognitive Impairment (MCI)
Function	Katz (ADL), Lawton-Brody (IADL) FAQ Test	Caregiver rated
Stage of cognitive impairment	Dementia Severity Rating Scale (DSRS)	Caregiver rated, correlates with Clinical Dementia Rating
Neuropsychiatric symptoms	NPI-Q	10 items
Depression	BEHAVE 5+	6 high-impact items
	PHQ-2	Depression identification
Medication review and reconciliation	Med list + name of person overseeing home meds	Identify/reconsider high-risk meds; assess for reliable administration by self or other
Safety	Safety Assessment Guide	7 questions (patient/caregiver)
Caregiver identification and needs assessment	Caregiver Profile Checklist	Ability/willingness to care, needs for information, education, and support
	PHQ-2	Depression identification
Advance care planning	End-of-Life Checklist	Screen for preferences and legal needs

7. The written care plan

Preparing the plan

The care plan should reflect a synthesis of the information acquired as part of the assessment. It should be written in language that is easily understood, indicate who has responsibility for carrying out each recommended action step and specify an initial follow-up schedule.

Some clinicians find it useful to organize the care plan into broad components, such as:

- Specific characteristics of the cognitive disorder (e.g., type and severity of cognitive impairment; special hazards such as falls or orthostatic hypotension in Lewy body dementia; or referral to a dementia specialist for further diagnostic assessment or complex management).
- Management of any neuropsychiatric symptoms, including referrals for caregiver stress and behavior management training or psychiatric care for the patient as indicated.
- Comorbid medical conditions and safety management, including any changes needed to accommodate the effects of cognitive impairment.
- Caregiver stress and support needs, including primary care counseling and, as indicated, referrals to community-based education and support, specialized individual or family counseling, or in-home care, legal or financial assistance.

Documenting and sharing the plan

Though not required by 99483, a standardized care plan template customized to the provider or health care system simplifies communication and tracking of patient care and outcomes over time. The written plan must be discussed with and given to the patient and/or family or caregiver; this face-to-face conversation must be documented in the clinical note for all encounters reported using 99483. The care plan must be filed in the patient's medical record where it can be easily retrieved and updated. Sharing the plan with other providers caring for the patient, including clinicians, care managers, caseworkers and others who assist the patient and caregiver, both within and outside the primary care environment, will help ensure continuity and coordination of care. When such sharing requires explicit consent of the patient, family caregiver or legally designated decision-maker (DPOA holder), that permission should be sought and documented.

8. How often can 99483 be used?

Qualified health care professionals may report 99483 as frequently as once per 180 days, per CPT. However, payer policy may say otherwise and should be consulted. Care plans should be revised at intervals and whenever there is a change in the patient's clinical or caregiving status. Medicare intermediaries may audit the frequency of use.

9. How does 99483 relate to Chronic Care Management (CPT 99490)?

CPT code 99490 is an appropriate service to use for monthly care management of a patient with dementia plus at least one other chronic condition, after a cognitive impairment care plan has been developed and documented.

10. Identifying proper coding

CPT code 99483 was developed to provide reimbursement for comprehensive evaluation of a new or existing patient who exhibits signs and/or symptoms of cognitive impairment when required to establish or confirm a diagnosis, etiology and severity for the condition. This service includes a thorough evaluation of medical and psychosocial factors, potentially contributing to increased morbidity. Do not report cognitive assessment and care plan services if any of the required elements are not performed or are deemed unnecessary for the patient's condition. For these services, see the appropriate evaluation and management code.

Table 2: Commonly used ICD-10 codes for dementia and mild cognitive impairment

Code	Description
G300	Dementia Alzheimer's disease with early-onset
G301	Dementia Alzheimer's disease with late-onset
G309	Dementia Alzheimer's disease, unspecified
F01.50	Vascular dementia without behavioral disturbance
F01.51	Vascular dementia with behavioral disturbance
F02.80	Dementia in other diseases classified elsewhere without behavioral disturbance
F02.81	Dementia in other diseases classified elsewhere with behavioral disturbance
F03.90	Unspecified dementia without behavioral disturbance
F03.91	Unspecified dementia with behavioral disturbance
G31.01	Pick's disease
G31.09	Other frontotemporal dementia
G31.85	Corticobasal degeneration
G31.83	Dementia with Lewy bodies
G31.84	Mild cognitive impairment, so stated

Table 3: CPT codes that cannot be reported in conjunction with 99483

Because many 99483 elements overlap with other CPT codes, CMS provides specific guidelines on which CPT codes cannot be reported together with 99483 on the same date of service. It is important to note that Medicare Advantage Plans and Accountable Care Organizations may have different reimbursement criteria. Payer policy should be consulted.

Code	Description
90785	Psychotherapy complex interactive
90791	Psychiatric diagnostic evaluation
90792	Psychiatric diagnostic evaluation with medical services
96103	Psychological testing administered by a computer
96120	Neuropsychological testing administered with a computer
96127	Brief emotional/behavioral assessment
96160-96161	Health risk assessment administration
99201-99215	Office/outpatient visits new patient
99241-99245	New or established patient office or outpatient consultation services
99324-99337	Domicile/rest home visits new patient
99341-99350	Home visits new patient
99366-99368	Team conference with patient by healthcare professional
99497	Advanced care plan 30 min
99498	Advanced care plan additional 30 min
99605-99607	Medication therapy management services
G0506	Comprehensive assessment of and care planning by the billing practitioner for patients requiring CCM services
G0181, G0182	Home health care and hospice supervision

Table 4: CPT codes that can be reported with 99483 on the same date of service

CMS does not believe the services described in 99483 would significantly overlap with the following codes.

Code	Description
99358, 99359	Non-face-to-face prolonged services
99487, 99489, 99490	Chronic care management (CCM) services
99495, 99496	Transitional care management (TCM) services
G2212	Prolonged office/outpatient E/M services

References (partial)

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