CHANGING THINKING!



Advisory 24-1

Beneficiary Model Criteria & Tools

NOTE: THIS ADVISORY WAS PREPARED FOR INTERNAL USE WITHIN THE CT! PROJECT FOR ORIENTATION AND INFORMATIONAL PURPOSE. THE VERSIONS OF THE CMS CITED INSTRUMENTS REPRODUCED BELOW ARE EXAMPLES OF THE INSTRUMENTS AND ARE SHOWN FOR EDUCATIONAL PURPOSES. IT IS NOT THE INTENT OF THE CT! PROJECT TO USE THE INSTRUMENTS OR PROVIDE THEM TO GUIDE CLIENTS.

Precis

This internal advisory encapsulates the determination of eligibility of beneficiaries with dementia for 'alignment' with the GUIDE MODEL; these criteria would also apply to adults with intellectual disability (including Down syndrome). The Beneficiary Model Criteria forms the basis for payment under the Participants Monthly Dementia Care Management Payment (DCMP). The payment schedule considers severity of dementia and ancillary issues, as well as caregiver 'burden.'

COMMENTARY

CMS notes that 'Beneficiary Model Tier' is determined via assessment and is a combination of beneficiary disease stage, presence of a caregiver, and if applicable, their caregiver's needs.

	Tier	Criteria	Corresponding Assessment Tool Scores
Beneficiaries with a caregiver	Low complexity dyad tier	Mild dementia	CDR= 1, FAST= 4
	Moderate complexity dyad tier	Moderate or severe dementia AND Low to moderate caregiver strain	CDR= 2-3, FAST= 5-7 AND ZBI= 0- 60
	High complexity dyad tier	Moderate or severe dementia AND High caregiver strain	CDR= 2-3, FAST= 5-7 AND ZBI= 61-88
Beneficiaries without a caregiver ¹	Low complexity individual tier	Mild dementia	CDR= 1, FAST= 4
	Moderate to high complexity individual tier	Moderate or severe dementia	CDR= 2-3, FAST= 5-7

¹ Note: Beneficiaries may live independently in their own home or in a community setting such as an assisted living facility or group home. Their caregiver does not have to live with the beneficiary to qualify for participation in the model. In some cases, the caregiver may live in a different home, or in a different state; but they must be actively participating in the beneficiary's care.

The approved screening tools include two tools to report dementia stage – the **Clinical Dementia Rating** (CDR) or the **Functional Assessment Screening Tool** (FAST) – <u>and</u> one tool to report caregiver strain, the **Zarit Burden Interview** (ZBI).² CMS may add screening tools throughout the course of the model (GUIDE Participants can seek CMS' approval to use an alternative screening tool by submitting the proposed tool, along with published evidence that it is valid and reliable and a crosswalk for how it corresponds to the model's tiering thresholds).

Participants are told to report the aggregate scores for each of the instruments used. Instruments include:

The Clinical Dementia Rating (CDR)

The Clinical Dementia Rating (CDR) scale is a structured, clinician-rated interview designed to evaluate the severity of dementia. It gathers information on cognitive capacity from both the patient and a collateral source. While initially developed to assess dementia severity, it can also be applied to other conditions, such as Parkinson's disease.

The CDR assesses six domains: memory, orientation, judgment, and problem solving, community affairs, home and hobbies, and personal care. Impairment is defined only when it results from cognitive loss rather than physical disability or other non-cognitive factors. Each domain is rated on a 5-point scale (except for personal care), and these ratings are synthesized to assign a Global CDR score. Table 6 from Morris (1993)³ provides more detail on the criteria.

The Global CDR scores range from 0 to 3:

- 0: No dementia
- 0.5: Questionable dementia
- 1: Mild cognitive impairment (MCI)
- 2: Moderate cognitive impairment
- 3: Severe cognitive impairment

The assessment includes two sets of questions: one for the informant and another for the patient. The informant's questions focus on the patient's memory, judgment and problem-solving ability, community affairs, home life and hobbies, and personal care. The patient's questions address memory, orientation, judgment, and problem-solving ability. See https://knightadrc.wustl.edu/wp-content/uploads/2021/10/English-New-Zealand.pdf for a worksheet that produces CDR scores)

	NONE 0	QUESTIONABLE 0.5	MILD 1	MODERATE 2	SEVERE
MEMORY	No memory loss or slight; inconsistent forgetfulness	Consistent slight forgetfulness; partial recollection of events; "benign"	Moderate memory loss: more marked for recent events; defect interferes with	Severe memory loss, only highly learned material retained: new material rapidly lost	Severe memory loss, only fragments remain
		forgetfulness	everyday activity	material rapidly lost	Ternam
ORIENTATION	Fully oriented	Fully oriented but with slight difficulty with time relationships	Moderate difficulty with time relationships; oriented for place at examination; may have geographic disorientation elsewhere	Severe difficulty with time relationships; usually disoriented to time, often to place	Oriented to person only

Table 6.2. The Clinical Dementia Rating Scale

² Zarit SH, Reever KE, Bach-Peterson J. Relatives of the Impaired Elderly: Correlates of Feelings of Burden. Gerontologist. 1980;20(6):649-55

³ Morris, J.C. (1993). The Clinical Dementia Rating (CDR): current version and scoring rules. *Neurology*, 43, 2412–2414.

JUDGMENT AND PROBLEM SOLVING	Solves everyday problems and manages business and financial affairs well; judgment good in relation to past performance	Slight impairment in solving problems, similarities, and differences	Moderate difficulty in handling problems, similarities, and differences; social judgment usually maintained	Severely impaired in handling problems, similarities, and differences; social judgment usually impaired	Unable to make judgments or solve problems
COMMUNITY AFFAIRS	Independent function as usual in job, shopping, volunteer, and social groups	Slight impairment in these activities	Unable to function independently at these activities though may still be engaged in some; appears normal to casual inspection	No pretense of independent function outside the home; appears well enough to be taken to functions outside the family home	Appears too ill to be taken to functions outside the family home
HOME AND HOBBIES	Life at home, hobbies and intellectual interests well maintained	Life at home, hobbies, and intellectual interests slightly impaired	Mild but definite impairment of functions at home; more difficult chores, and complicated hobbies and interests abandoned	Only simple chores preserved; very restricted interests, poorly maintained	No significant function in the home
PERSONAL CARE	Fully capable of self-car	e	Needs prompting	Requires assistance in dressing, hygiene and keeping of personal effects	Requires much help with personal care; frequent incontinence

A note of application of the CDR to adults with intellectual disability.

Some work has been done on applying a modified CDR to adults with intellectual disability (and specifically with Down syndrome)⁴ with the intent to see if it would discern dementia from inherent cognitive impairment. Work at the Washington University School of Medicine resulted in validation that an adaptation of the CDR for use with adults with intellectual disabilities [ID]—particularly those with Down syndrome [DS] who face an elevated risk of Alzheimer's disease—would lead to more accurate cognitive assessments. Such an adapted Clinical Dementia Rating (CDR) Scale can offer an alternative measure that would still align with the GUIDE model's goals but also ensuring that dementia care is both precise and person-centered.

As traditional dementia screening tools often fail to account for lifelong cognitive impairments in individuals with DS, leading to misdiagnosis or overestimation of dementia severity, the use of a modified CDR for ID/DS to incorporate premorbid function would aid in ensuring that care plans are based on an accurate understanding of an individual's baseline abilities rather than generalized assumptions.

In this case, the modified CDR for ID/DS, which includes both informant data and in-person assessments, showed that it could capture a broad spectrum of cognitive impairments, including early and subthreshold symptoms. This granularity can be crucial for accurate assessment of any beneficiaries with a neurodevelopmental condition. By integrating a more accurate assessment into dementia care pathways, the GUIDE clinical team could improve diagnosis accuracy, optimize resource allocation, and enhance the quality of care for beneficiaries with an ID.

ALIGNMENT OF BENEFICIARIES WITH GUIDE

⁴ Lessov-Schlaggar, C.N., del Rosario, O.L., Morris, J.C. et al. Adaptation of the Clinical Dementia Rating Scale for adults with Down syndrome. *J Neurodevelop Disord* 11, 39 (2019). https://doi.org/10.1186/s11689-019-9300-2

CMS notes that adults with Medicare must have dementia (of any type) to be eligible for voluntary alignment to a GUIDE Participant and may be at any stage of dementia—mild, moderate, or severe.

When an adult with Medicare is first assessed for the GUIDE Model, "CMS will rely on clinician attestation rather than the presence of ICD-10 dementia diagnosis codes on prior Medicare claims." A clinician, who must be on the **GUIDE Participant's Practitioner Roster** must attest that based on his or her comprehensive assessment, beneficiaries meet the (1) National Institute on Aging-Alzheimer's Association Diagnostic Guidelines for Dementia⁵ and/or the (2) DSM-5 diagnostic guidelines for major neurocognitive disorder.

Alternatively, they are permitted to attest that they have received a written report of a documented dementia diagnosis from another Medicare-enrolled practitioner.

Once a beneficiary is voluntarily aligned to a GUIDE Participant, the GUIDE Participant must attach an eligible ICD-10 dementia diagnosis code to each Dementia Care Management Payment (DCMP) monthly claim for it to be paid by CMS.

Internal notes:

- (1) It is unclear from CMS statements whether the National Institute on Aging-Alzheimer's Association Diagnostic Guidelines for Dementia – which came out in 2011 – will be overwritten by the Alzheimer's Association's "Revised Criteria for Diagnosis and Staging of Alzheimer's Disease: Alzheimer's Association Workgroup" (Jacks et al., 2024) which were recently issued. These new criteria are more aligned to biomarkers and associated clinical staging for defining the presence of Alzheimer's disease. Both guidelines were developed for diagnosing Alzheimer's disease, however, it is assumed that CMS intends that they apply to the diagnosing other forms of dementia.
- (2) We are not yet informed whether the CMS GUIDE will accept the NTG-EDSD when adults with intellectual disability are examined and diagnosed. This is something we will investigate as we move forward.

Functional Assessment Screening Tool (FAST)

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⁵ https://ww]w.nia.nih.gov/news/alzheimers-diagnostic-guidelines-updated-first-time-decades

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Sourced: https://researchautism.org/wp-content/uploads/2019/08/A1-FAST-2002.pdf

Another format for the FAST

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	FUNCTIONAL ASSESSMENT SCREENING TOOL (FAST)		
Narr	e: Age: Date:		
Beh	avior Problem:		
Infor	mant: Interviewer:		
influ com indiv obse	the Interviewer: The Functional Analysis Screening Tool (FAST) is designed to identify a number of factor ence the occurrence of problem behaviors. It should be used only as an initial screening toll and a prehensive functional assessment or analysis of problem behavior. The FAST should be administered iduals who interact with the person frequently. Results should then be used as the basis for condu- arvations in several different contexts to verify likely behavioral functions, clarify ambiguous functions, and in vant factors that may not have been included in this instrument.	s part to se- ucting d	of a veral linect
care prob prob	the Informant: After completing the section on "Informant-Person Relationship," read each of the numi fully. If a statement accurately describes the person's behavior problem, circle "Yes." If not, circle "No." If t lem consists of either self-injurious behavior or "repetitive stereotyped behaviors," begin with Part I. How lem consists of aggression or some other form of socially disruptive behavior , such as property destruction plete only Part II.	the beha wever, if	avior f the
	rmant-Person Relationship		
	ate your relationship to the person: Parent Teacher/Instructor Residential St	taff	Other
	long have you known the person?YearsMonths		
	ou interact with the person on a daily basis?YesNo		
	es," how many hours per day? If "No," how many hours per week?		
In w	hat situations do you typically observe the person? (Mark all that apply)		
	_Self-care routinesAcademic skills trainingMealsWhen (s)he has		
	Leisure activitiesWork/vocational trainingEveningsOther:		
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Part	I. Social Influences on Behavior		
Part 1.	I. Social Influences on Behavior The behavior usually occurs in your presence or in the presence of others	Yes	No
1.		Yes Yes	No No
	The behavior usually occurs in your presence or in the presence of others The behavior usually occurs soon after you or others interact with him/her in some way, such as delivering an instruction or reprimand, walking away from (ignoring) the him/her, taking away a "preferred" item,		
1. 2.	The behavior usually occurs in your presence or in the presence of others The behavior usually occurs soon after you or others interact with him/her in some way, such as delivering an instruction or reprimand, walking away from (ignoring) the him/her, taking away a "preferred" item, requiring him/her to change activities, talking to someone else in his/her presence, etc.	Yes Yes	No No
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1. 2. 3. Part 4.	The behavior usually occurs in your presence or in the presence of others The behavior usually occurs soon after you or others interact with him/her in some way, such as delivering an instruction or reprimand, walking away from (ignoring) the him/her, taking away a "preferred" item, requiring him/her to change activities, talking to someone else in his/her presence, etc. The behavior often is accompanied by other "emotional" responses, such as yelling or crying <i>Complete Part II if you answered "Yes" to item 1, 2, or 3. Skip Part II if you answered "No" to <u>all three</u> items <i>II. Social Reinforcement</i> The behavior often occurs when he/she has not received much attention When the behavior occurs, you or others usually respond by interacting with the him/her in some way (e.g.,</i>	Yes Yes in Part Yes	No No /. No
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	ed. an ongoing task.	Yes Yes Yes	1		
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Sourced: https://ohiofamiliesengage.osu.edu/wp-content/uploads/2021/08/FAST-Tool.pdf

The Functional Assessment Staging Scale (FAST) is a screening test used to quantitatively assess the degree of impairment and to document changes that occur over time. It is not intended to serve as the sole criterion for diagnosing dementia or to differentiate between various forms of dementia.

Zarit Burden Interview

The Zarit Burden Interview is a caregiver self-report measure that originated as a 29-item questionnaire. Each instrument item is a statement which the caregiver is asked to endorse using a 5-point scale. Response options range from 0 (Never) to 4 (Nearly Always). The instrument is used to assess the level of subjective feelings of burden experienced by caregivers of older persons with dementia and other types of disability. *The current version uses 22 items* (ZBI-22). Below is a shorter, 12 item, version.

ZARIT BURDEN INTERVIEW

Indicate how often you experience the feelings listed by circling the number in the box that best corresponds to the frequency of these feelings.

	Never	Rarely	Sometimes	Quite Frequently	Nearly Always
1) Do you feel that because of the time you spend with your relative that you don't have enough time for yourself?	0	1	2	3	4
2) Do you feel stressed between caring for your relative and trying to meet other responsibilities (work/family)?	0	1	2	3	4
3) Do you feel angry when you are around the relative?	0	1	2	3	4
4) Do you feel that your relative currently affects your relationship with family member or friends in a negative way?	0	1	2	3	4
5) Do you feel strained when you are around your relative?	0	1	2	3	4
6) Do you feel that your health has suffered because of your involvement with your relative?	0	1	2	3	4
7) Do you feel that you don't have has much privacy as you would like because of your relative?	0	1	2	3	4
8) Do you feel that your social life has suffered because you are caring for your relative?	0	1	2	3	4
9) Do you feel that you have lost control of your life since your relative's illness?	0	1	2	3	4
10) Do you feel uncertain about what to do about your relative?	0	1	2	3	4
11) Do you feel you should be doing more for your relative?	0	1	2	3	4
12) Do you feel you could do a better job in caring for your relative?	0	1	2	3	4

Total for each column

Total Score

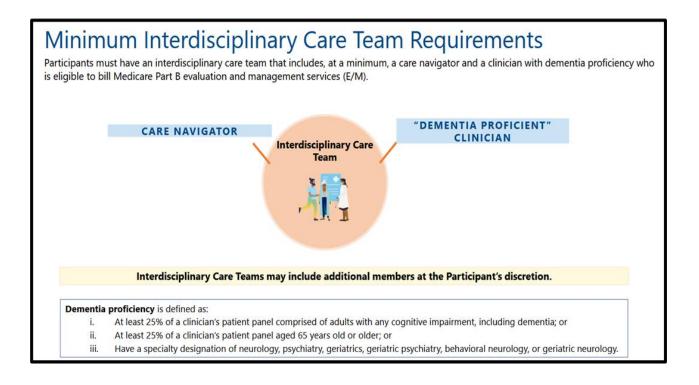
To use the longer version ZBI-22, permission must be obtained from: https://eprovide.mapi-
trust.org/instruments/zarit-burden-interview.

INTERDISCIPLINARY TEAM

CMS envisions that the dementia care plan and services provided to caregivers and the beneficiaries will be organized by an Interdisciplinary Care Team (ICT). The composition of the ICT will at minimum be comprised of the Care Navigator and the Practitioner (which is a 'Dementia Proficient Clinician') (see figure). GUIDE Participants are required to provide care through an interdisciplinary care team. The care team may include the beneficiary's primary care provider, and if not, the care team is required to identify and share information with the beneficiary's primary care provider and specialists and outline the care coordination services needed to manage the beneficiary's dementia and co-occurring conditions. The ICT is responsible for integrating the findings of the assessments noted above into a dementia care plan and assures that services are provided in accord with the plan.

The interdisciplinary care team is expected to deliver services by creating and maintaining a person-centered care plan, which will include details on the beneficiary's goals, strengths, and needs; comprehensive assessment results; and recommendations for service providers and community-based social services and supports.⁶ The care plan care plan is intended to identify the beneficiary's primary care provider and specialists and outline the care coordination services needed to help manage the beneficiary's dementia and co-occurring conditions.

The Practitioner must be registered on a GUIDE Practitioner Roster, which is maintained by the Participant. To be on the Roster, the Practitioner must have a National Provider Identifier (NPI) as an individual Medicare-enrolled physician. Non-physician practitioners must have re-assigned their billing rights to the Participant's billing TIN. The practitioner must also be a clinician with "dementia proficiency." This is defined in the figure below.



⁶ CMS. Guiding an Improved Dementia Experience (GUIDE) Model Overview Factsheet. https://www.cms.gov/priorities/innovation/media/document/guide-dementia-fs

Source: Guiding an Improved Dementia Experience (GUIDE) Request for Applications (RFA) Webinar, November 30. 2023. https://www.cms.gov/files/document/guide-rfa-webinar-slides.pdf

Suggested Citation: National Task Group on Intellectual Disabilities and Dementia Practices. CHANGING THINKING! Advisory 24-1. Beneficiary Model Criteria & Tools. V.February 5, 2025. https://www.the-ntg.org/ changingthinking

v.3 - 8/19/24, updated 2/5/25

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