Minimum Data Set (MDS) 3.0
Instructor Guide

Section C
Cognitive Patterns
(Resident Interview)

Objectives

- State the intent of Section C.
- Explain the importance of using a performance based assessment to determine a resident's cognitive status.
- List the steps comprising the BIMS assessment.
- Define a category cue.
- Explain how to conduct a BIMS.
- Code BIMS interview questions correctly.

Methodology

This lesson uses lecture, scenario-based examples and practice, a BIMS coding practice activity, and a video-based BIMS activity.

Training Resources

- Instructor Guide
- Slides 1 to 110

Instructor Preparation

- Review the Instructor Guide.
- Review learning objectives for the lesson.
- Rehearse with slide presentation.

SLIDES	INSTRUCTIONAL GUIDANCE

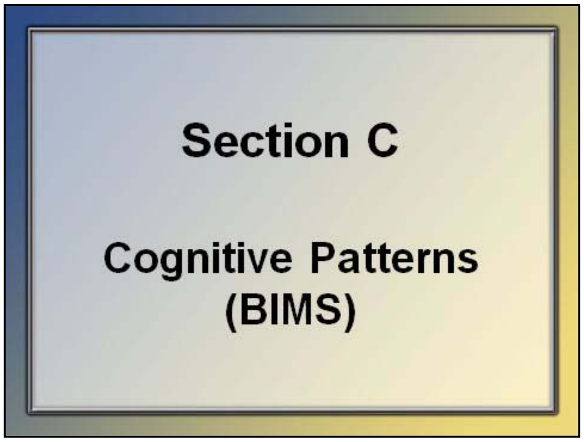
Instructor Notes

Notes

Direct participants to turn to Section C in the MDS instrument.

Notes

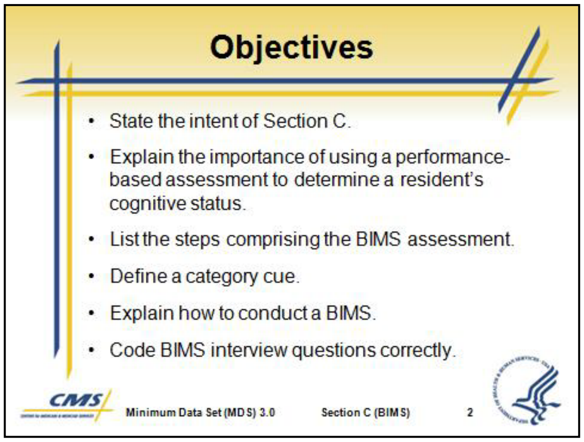
Instructor Notes



Section C

Cognitive Patterns (BIMS)

Slide 1



Objectives

- State the intent of Section C.
- Explain the importance of using a performance-based assessment to determine a resident's cognitive status.
- List the steps comprising the BIMS assessment.
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- Explain how to conduct a BIMS.
- Code BIMS interview questions correctly.

Minimum Data Set (MDS) 3.0 Section C (BIMS) 2

Slide 2

I. Introduction/ Objectives

A. Section C is an assessment of a resident's cognitive patterns.

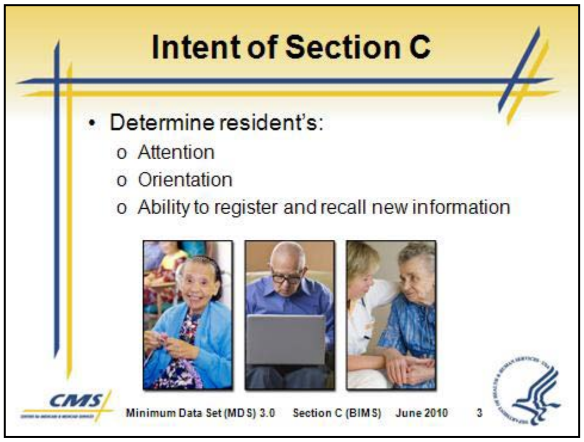
B. In MDS 3.0, this assessment is completed by either a resident interview or a staff assessment (not both).

C. This lesson covers the interview option of the Section C assessment only. The staff assessment and assessment for delirium is covered in another lesson.

D. Objectives

- State the intent of Section C.
- Explain the importance of using a performance based assessment to determine a resident's cognitive status.
- List the steps comprising the BIMS assessment.
- Define a category cue.
- Explain how to conduct a BIMS.
- Code BIMS interview questions correctly

SLIDES | **INSTRUCTIONAL GUIDANCE**



Intent of Section C

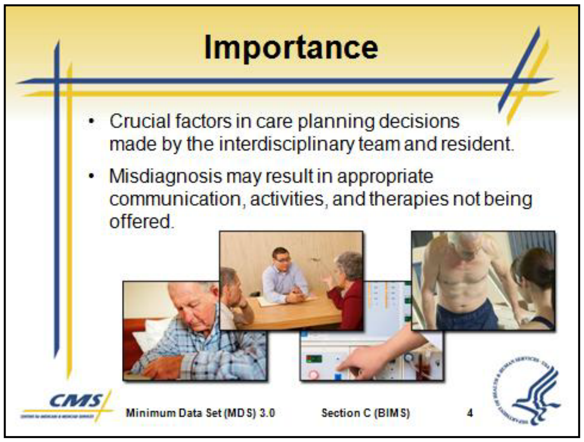
- Determine resident's:
  - Attention
  - Orientation
  - Ability to register and recall new information

Minimum Data Set (MDS) 3.0 Section C (BIMS) June 2010 3

Slide 3

E. Intent of Section C

1. The items in Section C are intended to determine the resident's:
   a. Attention
   b. Orientation
   c. Ability to register and recall new information



Importance

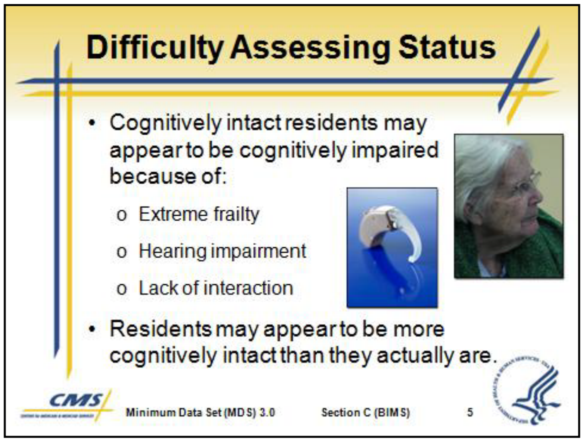
- Crucial factors in care planning decisions made by the interdisciplinary team and resident.
- Misdiagnosis may result in appropriate communication, activities, and therapies not being offered.

Minimum Data Set (MDS) 3.0 Section C (BIMS) 4

Slide 4

F. Importance

1. These abilities are crucial factors in care planning decisions made by the interdisciplinary team and resident.
2. When cognitive impairment is incorrectly diagnosed or missed, appropriate communication, worthwhile activities and therapies may not be offered.



Difficulty Assessing Status

- Cognitively intact residents may appear to be cognitively impaired because of:
  - Extreme frailty
  - Hearing impairment
  - Lack of interaction
- Residents may appear to be more cognitively intact than they actually are.

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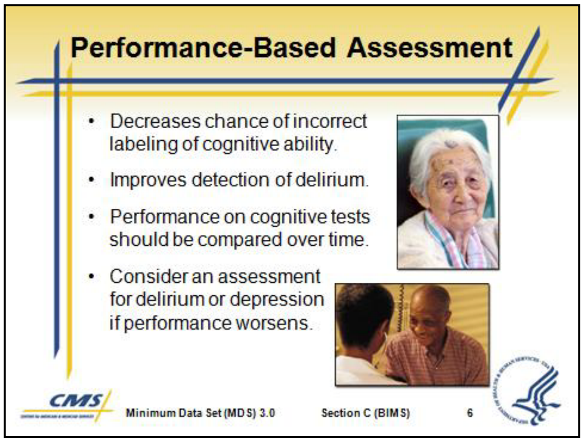
Slide 5

G. Difficulty Assessing Status

1. Cognitively intact residents may appear to be cognitively impaired because of:
   a. Extreme frailty
   b. Hearing impairment
   c. Lack of interaction
2. Some residents may appear to be more cognitively intact than they actually are.

SLIDES	INSTRUCTIONAL GUIDANCE



Performance-Based Assessment

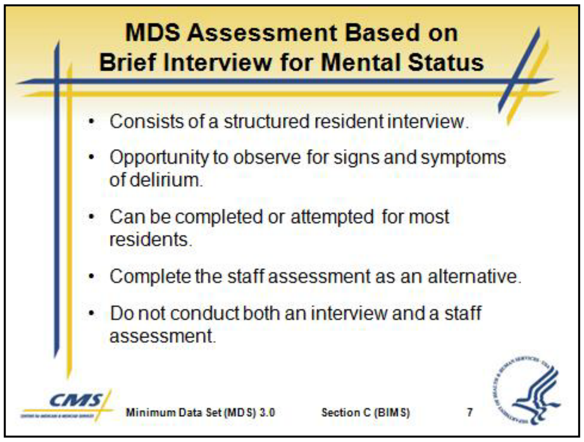
- Decreases chance of incorrect labeling of cognitive ability.
- Improves detection of delirium.
- Performance on cognitive tests should be compared over time.
- Consider an assessment for delirium or depression if performance worsens.

Minimum Data Set (MDS) 3.0 Section C (BIMS) 6

Slide 6

H. Performance-Based Assessment

1. MDS 3.0 introduces a performance-based method for assessing a resident’s cognitive patterns.
2. Benefits of a performance-based approach.
   a. Direct or performance-based testing of cognitive function decreases the chance of incorrect labeling of cognitive ability.
   b. Improves detection of delirium.
   c. A resident’s performance on cognitive tests should be compared over time.
   d. Repeating the assessment over time allows you to track a resident’s performance over a period of time.
3. If performance on cognitive tests worsens, then consider an assessment for delirium and/ or depression.



MDS Assessment Based on Brief Interview for Mental Status

- Consists of a structured resident interview.
- Opportunity to observe for signs and symptoms of delirium.
- Can be completed or attempted for most residents.
- Complete the staff assessment as an alternative.
- Do not conduct both an interview and a staff assessment.

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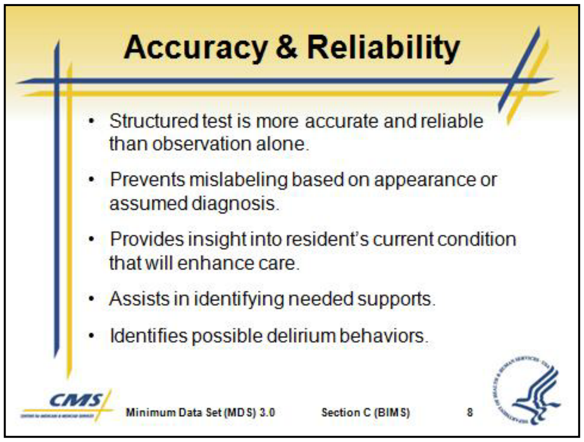
I. MDS Assessment Based on Brief Interview for Mental Status (BIMS)

1. The BIMS consists of a structured resident interview.
2. In addition to assessing cognitive status, the BIMS interview also provides an opportunity to observe residents for signs and symptoms of delirium.
3. The interview should be attempted and completed for most residents.

SLIDES	INSTRUCTIONAL GUIDANCE

4. A Section C staff assessment is available but should be used **only** when the BIMS cannot be completed.
5. Perform the staff assessment only for residents who cannot complete the interview.
6. The assessment for Section C does not consist of both an interview and a staff assessment.
7. Do not complete both an interview and staff assessment.



Accuracy & Reliability

- Structured test is more accurate and reliable than observation alone.
- Prevents mislabeling based on appearance or assumed diagnosis.
- Provides insight into resident's current condition that will enhance care.
- Assists in identifying needed supports.
- Identifies possible delirium behaviors.

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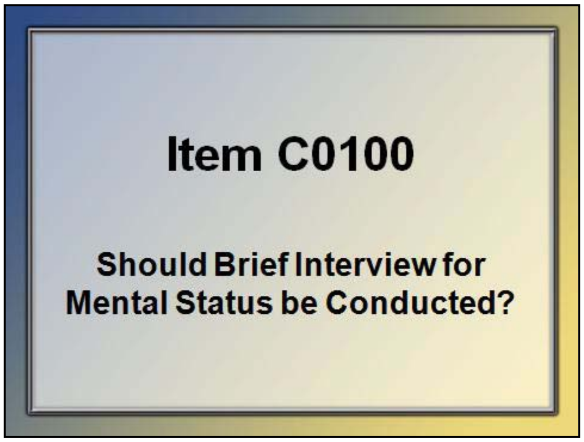
J. Accuracy and Reliability

   1. A structured cognitive test such as BIMS is more accurate and reliable than observation alone.
   2. Without an attempted structured interview, a resident might be mislabeled based on appearance or assumed diagnosis.
   3. Structured interviews will efficiently provide insight into the resident's current condition that will enhance care.
   4. Added benefits:
      a. Assists in identifying needed supports.
      b. Helpful in identifying possible delirium behaviors (C1300).

SLIDES	INSTRUCTIONAL GUIDANCE



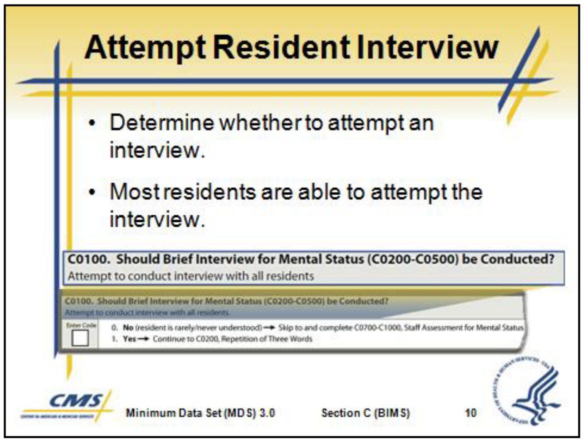
Item C0100

Should Brief Interview for Mental Status be Conducted?

Slide 9

II. Item C0100 Should Brief Interview for Mental Status be Conducted?

A. Section C begins with a determination of whether to conduct the BIMS.



Attempt Resident Interview

- Determine whether to attempt an interview.
- Most residents are able to attempt the interview.

C0100. Should Brief Interview for Mental Status (C0200-C0500) be Conducted?
Attempt to conduct interview with all residents

C0100. Should Brief Interview for Mental Status (C0200-C0500) be Conducted?
Attempt to conduct interview with all residents

Enter Code ☐
0. **No** (resident is rarely/never understood) → Skip to and complete C0700-C1000, Staff Assessment for Mental Status
1. **Yes** → Continue to C0200, Repetition of Three Words

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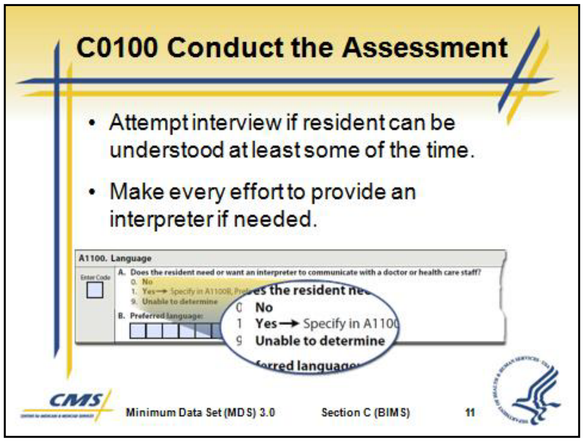
Slide 10

B. Attempt Resident Interview

1. Determine whether to attempt a resident interview.
2. Most residents are able to complete the BIMS interview.
3. Interview may be completed verbally or in writing.



C0100 Conduct the Assessment

- Attempt interview if resident can be understood at least some of the time.
- Make every effort to provide an interpreter if needed.

A1100. Language

Enter Code ☐
A. Does the resident need or want an interpreter to communicate with a doctor or health care staff?
0. No
1. Yes → Specify in A1100B, Preferred language
9. Unable to determine

B. Preferred language:

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C. C0100 Conduct the Assessment

1. Attempt to perform this interview if the resident can be understood at least some of the time.
2. Check A1100 Language.
3. Every effort should be made to have an interpreter present for the BIMS interview.
    a. Schedule an interpreter for the time of the interview if at all possible.

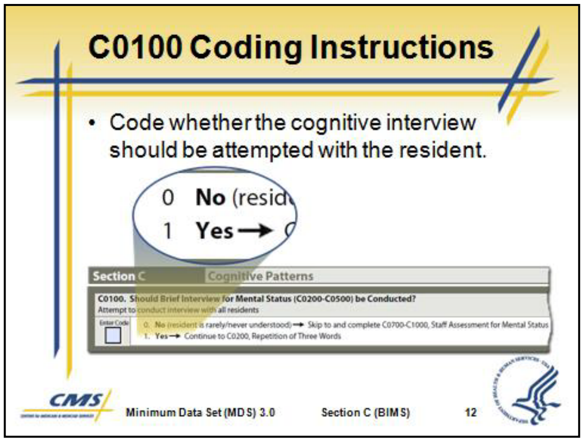
SLIDES	INSTRUCTIONAL GUIDANCE

4. Conduct the interview if the resident can respond:

    a. Verbally

    OR

    b. By writing out his or her answers



C0100 Coding Instructions

- Code whether the cognitive interview should be attempted with the resident.

0 **No** (resid

1 **Yes** →

Section C Cognitive Patterns

C0100. Should Brief Interview for Mental Status (C0200-C0500) be Conducted?
Attempt to conduct interview with all residents

Enter Code	
☐	0. No (resident is rarely/never understood) → Skip to and complete C0700-C1000, Staff Assessment for Mental Status 1. Yes → Continue to C0200, Repetition of Three Words

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D. C0100 Coding Instructions

1. Code whether the cognitive interview should be attempted with the resident.

- **Code 0. No**

  If the interview should not be attempted because the resident is rarely/ never understood or an interpreter is needed but not available

  Skip to C0700, Staff Assessment of Mental Status.

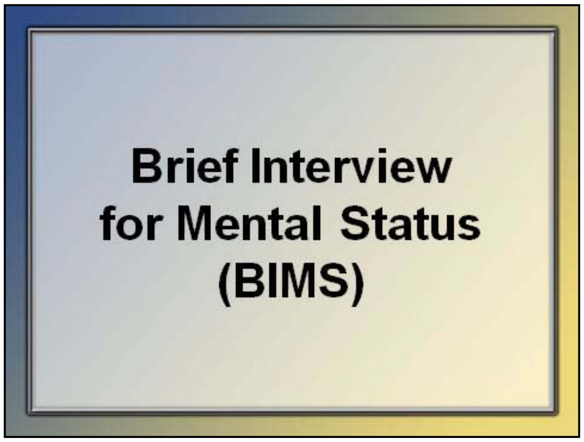
Emphasize skip pattern here.

- **Code 1. Yes**

  If the interview should be attempted because the resident is at least sometimes understood verbally or in writing and if an interpreter is needed, one is available

  Proceed to C0200 Repetition of Three Words.

SLIDES | **INSTRUCTIONAL GUIDANCE**



Brief Interview for Mental Status (BIMS)

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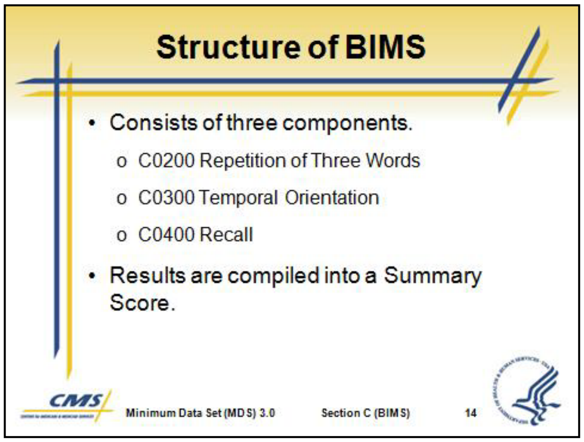
III. Brief Interview for Mental Status (BIMS)



Structure of BIMS

- Consists of three components.
  - C0200 Repetition of Three Words
  - C0300 Temporal Orientation
  - C0400 Recall
- Results are compiled into a Summary Score.

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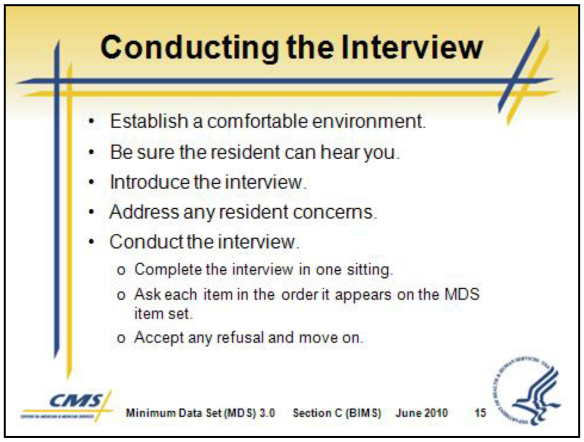
A. Structure of BIMS

1. The BIMS consists of three components:
   a. C0200 Repetition of Three Words
      - Residents are given three words and asked to repeat these words back to the interviewer immediately.

   b. C0300 Temporal Orientation
      - Residents are asked to state the year, month, and day of the week.

   c. C0400 Recall
      - Residents are asked to repeat the three words provided in the first part of the interview.
2. Results of the BIMS are compiled into a Summary Score.

SLIDES



Conducting the Interview

- Establish a comfortable environment.
- Be sure the resident can hear you.
- Introduce the interview.
- Address any resident concerns.
- Conduct the interview.
  - o Complete the interview in one sitting.
  - o Ask each item in the order it appears on the MDS item set.
  - o Accept any refusal and move on.

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INSTRUCTIONAL GUIDANCE

B. Conducting the Interview

Review briefly.

1. Establish a comfortable environment for conducting the interview.
   a. Private setting
   b. Positioning (make sure the resident can see your face)
   c. Minimize glare from light sources
2. Be sure the resident can hear you.
   a. Residents with hearing impairment should be interviewed using their usual communication devices/techniques, as applicable.
   b. Try an external assistive device (headphones or hearing amplifier) if you have any doubt about hearing ability.
   c. Minimize background noise.
3. Give an introduction before starting the interview.
   a. Briefly explain to the resident why you are asking these questions.
4. Address any resident concerns.
5. Conduct the interview.
   a. Complete the interview in one sitting.

SLIDES	INSTRUCTIONAL GUIDANCE

b. Ask the resident each item in C0200 through C0400 directly in the order each item appears on the MDS 3.0 item set.

c. If the resident refuses to answer any particular item, accept his or her refusal and move on to the next question.

Instructor Notes

Notes

Suggested language for explaining the BIMS interview

"I would like to ask you some questions. We ask everyone these same questions. This will help us provide you with better care. Some of the questions may seem very easy, while others may be more difficult."

Notes

Instructor Notes

Instructor Notes

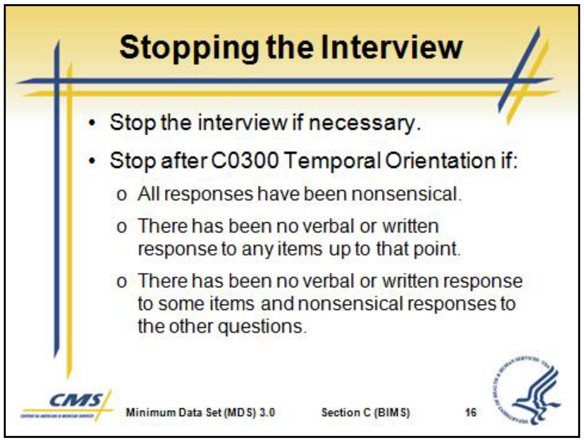
Notes

Suggested language for addressing resident concerns

If the resident expresses concern that you are testing his or her memory, he or she may be more comfortable if you reply: *"We ask these questions of everyone so we can make sure that our care will meet your needs."*

Notes

Instructor Notes



Stopping the Interview

- Stop the interview if necessary.
- Stop after C0300 Temporal Orientation if:
  - All responses have been nonsensical.
  - There has been no verbal or written response to any items up to that point.
  - There has been no verbal or written response to some items and nonsensical responses to the other questions.

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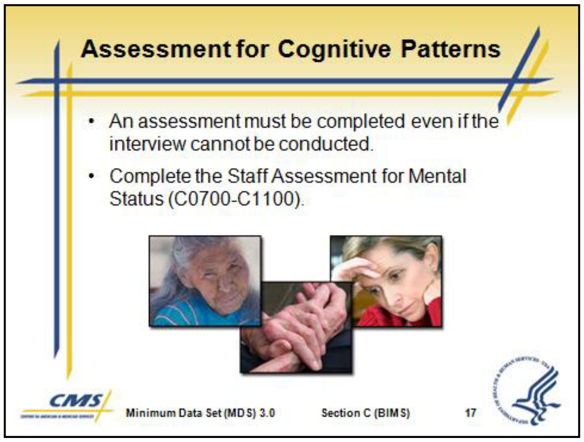
C. Stopping the interview

1. Stop the interview if necessary.
2. Stop after C0300 Temporal Orientation if:
   a. All responses have been nonsensical.
   b. There has been no verbal or written response to any items up to that point.
   c. There has been no verbal or written response to some items and nonsensical responses to the other questions.

SLIDES | **INSTRUCTIONAL GUIDANCE**



Assessment for Cognitive Patterns

- An assessment must be completed even if the interview cannot be conducted.
- Complete the Staff Assessment for Mental Status (C0700-C1100).

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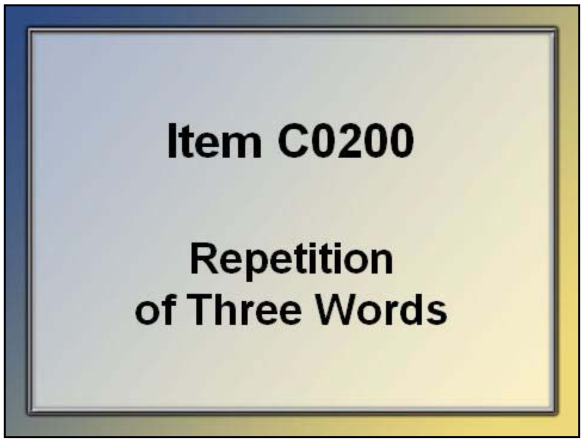
D. Assessment for Cognitive Patterns

1. An assessment must be completed even if an interview cannot be conducted.
2. If the interview cannot be completed, conduct the Staff Assessment for Mental Status (C0700-C1100).



Item C0200

Repetition of Three Words

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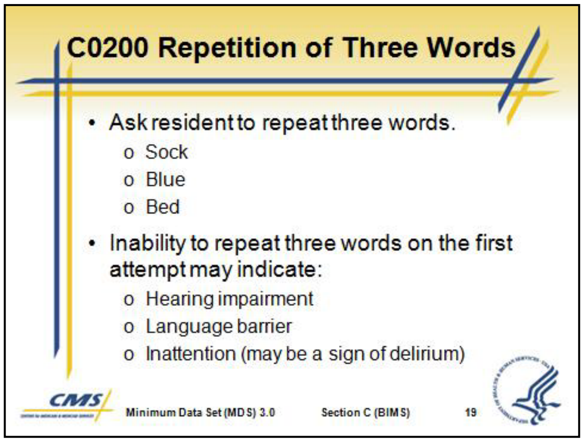
VI. C0200 Repetition of Three Words



C0200 Repetition of Three Words

- Ask resident to repeat three words.
  - Sock
  - Blue
  - Bed
- Inability to repeat three words on the first attempt may indicate:
  - Hearing impairment
  - Language barrier
  - Inattention (may be a sign of delirium)

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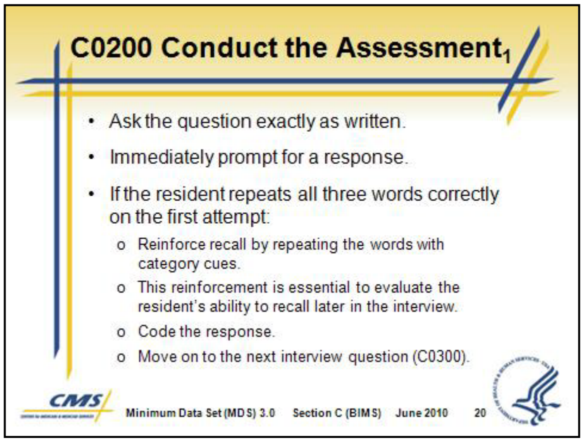
A. C0200 Repetition of Three Words.

1. The resident is asked to repeat three words back to the interviewer.
2. The three words are sock, blue, and bed.
3. An inability to repeat three words on the first attempt at this interview question may indicate:
   a. Hearing impairment
   b. Language barrier
   c. Inattention, which may be a sign of delirium

SLIDES



C0200 Conduct the Assessment$_1$

- Ask the question exactly as written.
- Immediately prompt for a response.
- If the resident repeats all three words correctly on the first attempt:
  - Reinforce recall by repeating the words with category cues.
  - This reinforcement is essential to evaluate the resident's ability to recall later in the interview.
  - Code the response.
  - Move on to the next interview question (C0300).

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INSTRUCTIONAL GUIDANCE

B. C0200 Conduct the Assessment

1. Ask the question exactly as written on the MDS 3.0.
   a. *"I am going to say three words for you to remember. Please repeat the three words after I have said all three. The words are: sock, blue, and bed."*
2. Immediately prompt for a response after presenting the three words.
   a. Say to the resident:

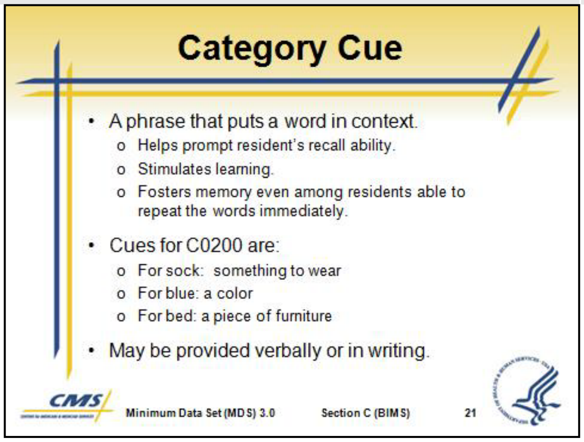
      "Now tell me the three words."
3. If the resident correctly states all three words on the first attempt:
   a. Reinforce recall by repeating the words back to the resident with category cues.

   b. Say *"That's right; the words are sock, something to wear; blue, a color; and bed, a piece of furniture."*

   c. This reinforcement is essential to evaluate the resident's ability to recall later in the interview.

   d. So this repetition of the words with cues sets the foundation for the third component of the BIMS.
4. Code the response.
5. Move on to the next interview question (C0300).

SLIDES	INSTRUCTIONAL GUIDANCE



Category Cue

- A phrase that puts a word in context.
  - Helps prompt resident's recall ability.
  - Stimulates learning.
  - Fosters memory even among residents able to repeat the words immediately.
- Cues for C0200 are:
  - For sock: something to wear
  - For blue: a color
  - For bed: a piece of furniture
- May be provided verbally or in writing.

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C. Category Cue

1. If the resident does not remember the three words on the first attempt, let him or her try again and provide a category cue.
2. A category cue is a phrase that puts a word in context.
   a. Help with learning.
   b. Serves as a hint that helps prompt the resident.
3. Category cues for C0200 are:
   a. Sock is "something to wear."
   b. Blue is "a color."
   c. Bed is "a piece of furniture."

Instructor Notes

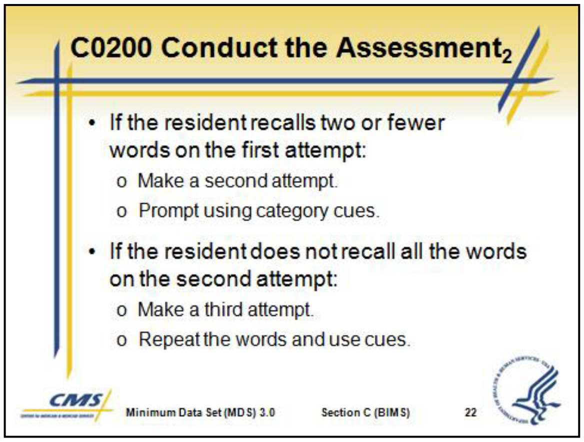
Notes

Category Cue

Phrase that puts a word in context to help with learning and to serve as a hint that helps prompt the resident.

Notes

Instructor Notes



C0200 Conduct the Assessment$_2$

- If the resident recalls two or fewer words on the first attempt:
  - Make a second attempt.
  - Prompt using category cues.
- If the resident does not recall all the words on the second attempt:
  - Make a third attempt.
  - Repeat the words and use cues.

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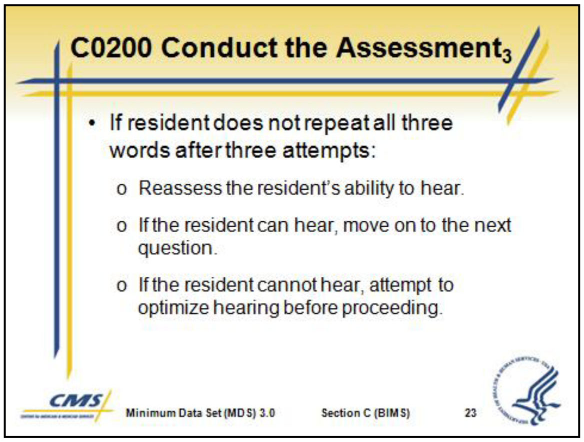
D. C0200 Conduct the Assessment cont'd

1. If the resident recalls two or fewer words on the first attempt:
   a. Make a second attempt.
   b. When repeating the words, provide category cues to the resident to prompt his or her memory.
   c. "Let me say the three words again. They are sock, something to wear; blue, a color; and bed, a piece of furniture. Now tell me the three words."

SLIDES	INSTRUCTIONAL GUIDANCE

2. If the resident still does not recall all three words correctly on the second attempt, repeat the words and category cues one more time.



C0200 Conduct the Assessment$_3$

- If resident does not repeat all three words after three attempts:
  - Reassess the resident's ability to hear.
  - If the resident can hear, move on to the next question.
  - If the resident cannot hear, attempt to optimize hearing before proceeding.

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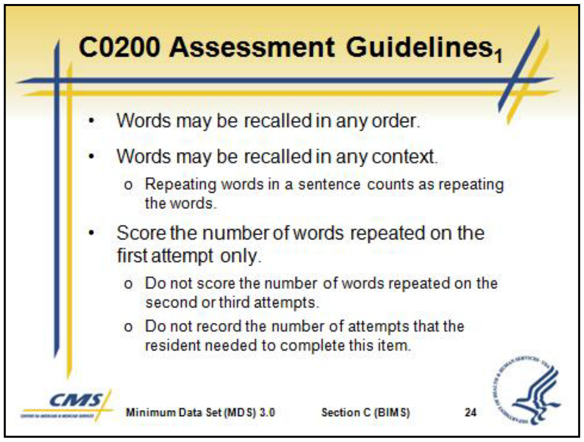
3. If the resident does not repeat all three words after three attempts:
   a. Reassess the resident's ability to hear.
   b. If the resident can hear, move on to the next question.
   c. If the resident cannot hear, attempt to optimize hearing before proceeding.
      - Alter the environment.
      - Use a hearing amplifier.



C0200 Assessment Guidelines$_1$

- Words may be recalled in any order.
- Words may be recalled in any context.
  - Repeating words in a sentence counts as repeating the words.
- Score the number of words repeated on the first attempt only.
  - Do not score the number of words repeated on the second or third attempts.
  - Do not record the number of attempts that the resident needed to complete this item.

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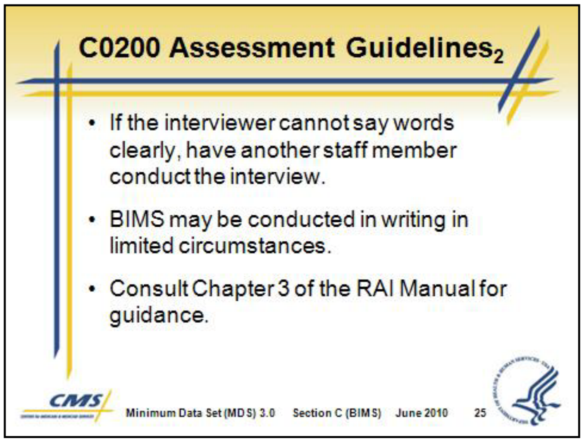
E. C0200 Assessment Guidelines

1. The words may be recalled in any order and any context.
   a. For example, if the words are repeated back in a sentence, this would be counted as repeating the words.
2. Score the number of words the resident repeats on the first attempt only.
   a. Do not score the number of words the resident repeats on the second or third attempts at repeating the words.
   b. Only the number of words the resident repeated correctly on the first attempt is included in the coding and in the Summary Score.

SLIDES	INSTRUCTIONAL GUIDANCE

c. The second and third attempts help with learning the item for the rest of the interview.

3. Do not record the number of attempts that the resident needed to complete this item.



C0200 Assessment Guidelines$_2$

- If the interviewer cannot say words clearly, have another staff member conduct the interview.
- BIMS may be conducted in writing in limited circumstances.
- Consult Chapter 3 of the RAI Manual for guidance.

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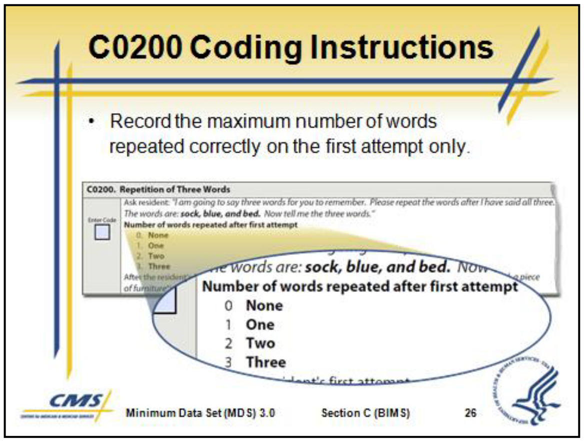
4. On occasion, the interviewer may not be able to state the words clearly because of an accent.
5. Have a different staff member conduct this section of the interview if the interviewer is unable to pronounce any of the three recall words in C0200 clearly.
6. The BIMS may be conducted in writing in limited circumstances.
7. Consult Chapter 3 of the RAI Manual for guidance.



C0200 Coding Instructions

- Record the maximum number of words repeated correctly on the first attempt only.

C0200. Repetition of Three Words

Enter Code ☐

Ask resident: "I am going to say three words for you to remember. Please repeat the words after I have said all three. The words are: ***sock, blue, and bed.*** *Now tell me the three words."*

Number of words repeated after first attempt

0. **None**
1. **One**
2. **Two**
3. **Three**

Minimum Data Set (MDS) 3.0 Section C (BIMS) 26

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F. C0200 Coding Instructions

1. Record the maximum number of words that the resident correctly repeated on the first attempt only.
2. This will be any number between **0** and **3**.

- **Code 0. None**

  If the resident did not repeat any of the three words on the first attempt

SLIDES	INSTRUCTIONAL GUIDANCE

- **Code 1. One**

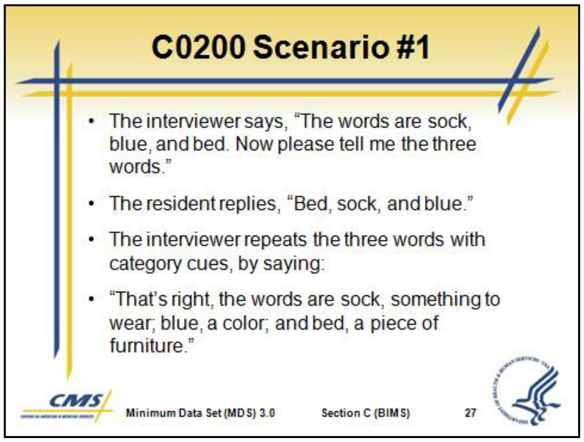
  If the resident repeated only one of the three words on the first attempt

- **Code 2. Two**

  If the resident repeated only two of the three words on the first attempt

- **Code 3. Three**

  If the resident repeated all three words on the first attempt



C0200 Scenario #1

- The interviewer says, "The words are sock, blue, and bed. Now please tell me the three words."
- The resident replies, "Bed, sock, and blue."
- The interviewer repeats the three words with category cues, by saying:
- "That's right, the words are sock, something to wear; blue, a color; and bed, a piece of furniture."

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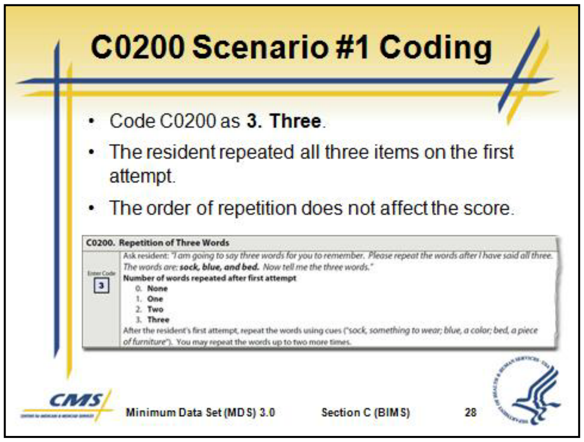
G. C0200 Scenario #1

1. The interviewer says, "The words are sock, blue, and bed. Now please tell me the three words.
2. The resident replies, "Bed, sock, and blue."
3. The interviewer repeats the three words with category cues, by saying, "That's right, the words are sock, something to wear; blue, a color; and bed, a piece of furniture."



C0200 Scenario #1 Coding

- Code C0200 as **3. Three**.
- The resident repeated all three items on the first attempt.
- The order of repetition does not affect the score.

C0200. Repetition of Three Words

Enter Code 3

Ask resident: "I am going to say three words for you to remember. Please repeat the words after I have said all three. The words are: ***sock, blue, and bed.*** *Now tell me the three words."*

Number of words repeated after first attempt

0. **None**
1. **One**
2. **Two**
3. **Three**

After the resident's first attempt, repeat the words using cues ("sock, something to wear; blue, a color; bed, a piece of furniture"). You may repeat the words up to two more times.

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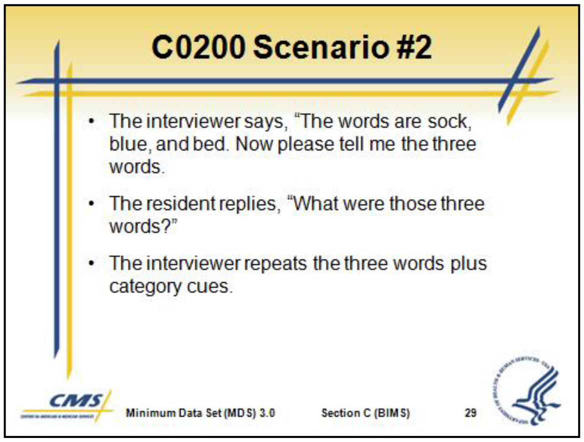
4. C0200 Scenario #1 Coding
   a. Code C0200 as **3. Three**.
   b. The resident repeated all three items on the first attempt.
   c. The order of repetition does not affect the score.

SLIDES	INSTRUCTIONAL GUIDANCE



C0200 Scenario #2

- The interviewer says, "The words are sock, blue, and bed. Now please tell me the three words.
- The resident replies, "What were those three words?"
- The interviewer repeats the three words plus category cues.

Minimum Data Set (MDS) 3.0 Section C (BIMS) 29

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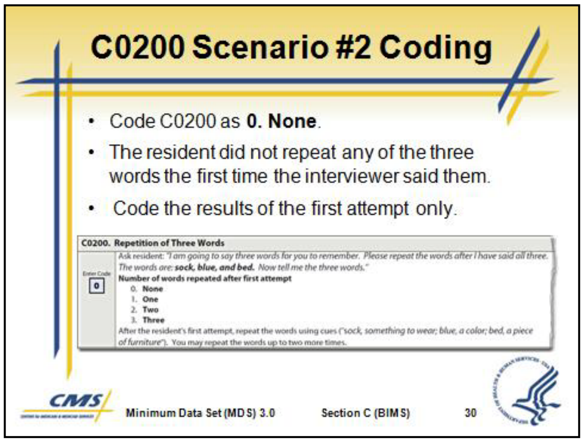
H. C0200 Scenario #2

1. The interviewer says, *"The words are sock, blue, and bed. Now please tell me the three words."*
2. The resident replies, *"What were those three words?"*
3. The interviewer repeats the three words plus category cues.



C0200 Scenario #2 Coding

- Code C0200 as **0. None**.
- The resident did not repeat any of the three words the first time the interviewer said them.
- Code the results of the first attempt only.

C0200. Repetition of Three Words

Enter Code: 0

Ask resident: "I am going to say three words for you to remember. Please repeat the words after I have said all three. The words are: ***sock, blue, and bed.*** *Now tell me the three words."*

Number of words repeated after first attempt

0. **None**
1. **One**
2. **Two**
3. **Three**

After the resident's first attempt, repeat the words using cues (*"sock, something to wear; blue, a color; bed, a piece of furniture"*). You may repeat the words up to two more times.

Minimum Data Set (MDS) 3.0 Section C (BIMS) 30

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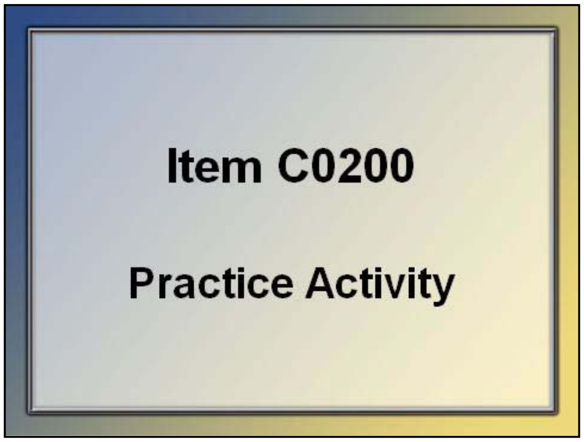
4. C0200 Scenario #2 Coding
   a. C0200 would be coded **0.** None of the words correct.
   b. The resident did not repeat any of the three words after the first time the interviewer said them.
   c. Code the results of the first attempt only.



Item C0200

Practice Activity

Slide 31

VII. C0200 Repetition of Three Words Practice Activity

Activity contains 4 scenarios.

SLIDES	INSTRUCTIONAL GUIDANCE

Instructor Notes

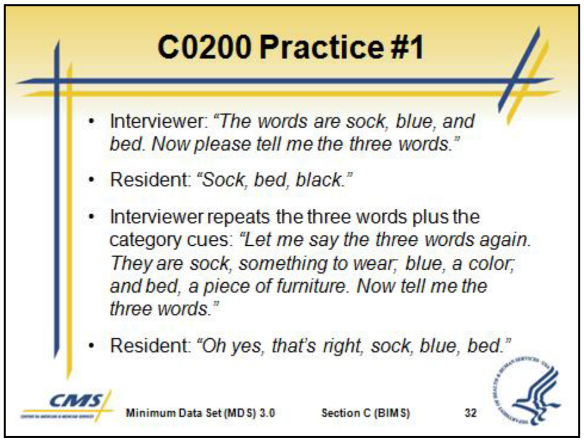
Notes

C0200 Coding Activity Instructions

- Direct participants to turn to Section C in the MDS item set.
- Read the C0200 question and the interview scenario for the question.
- Ask participants to choose the response option best suited for the given scenario.
- Give all participants time to respond.
- Ask participants why the answer is correct and review the rationale for each scenario.

Notes

Instructor Notes



C0200 Practice #1

- Interviewer: *"The words are sock, blue, and bed. Now please tell me the three words."*
- Resident: *"Sock, bed, black."*
- Interviewer repeats the three words plus the category cues: *"Let me say the three words again. They are sock, something to wear; blue, a color; and bed, a piece of furniture. Now tell me the three words."*
- Resident: *"Oh yes, that's right, sock, blue, bed."*

Minimum Data Set (MDS) 3.0 Section C (BIMS) 32

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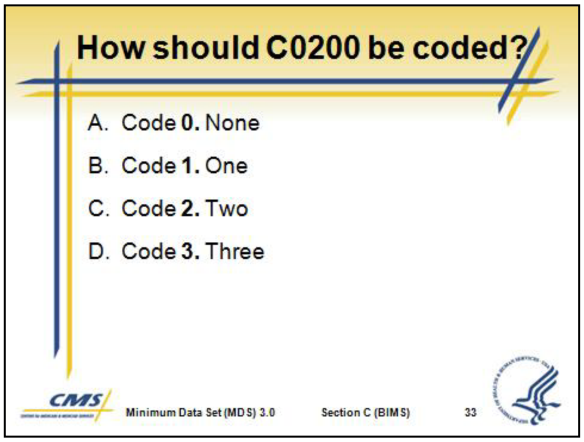
A. C0200 Practice #1

1. Interviewer: "The words are sock, blue, and bed. Now please tell me the three words."
2. Resident: "Sock, bed, black."
3. Interviewer repeats the three words plus the category cues: "Let me say the three words again. They are sock, something to wear; blue, a color; and bed, a piece of furniture. Now tell me the three words."
4. Resident: "Oh yes, that's right, sock, blue, bed."



How should C0200 be coded?

A. Code **0.** None
B. Code **1.** One
C. Code **2.** Two
D. Code **3.** Three

Minimum Data Set (MDS) 3.0 Section C (BIMS) 33

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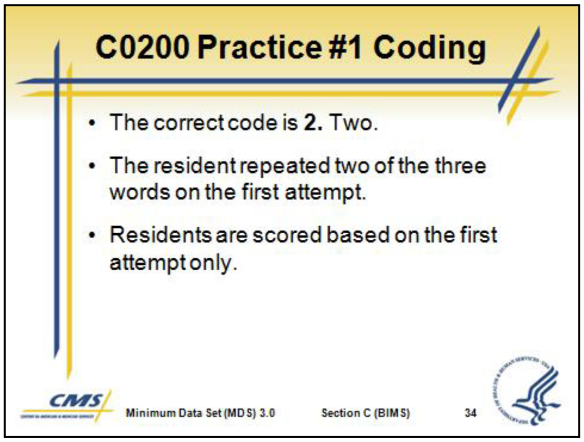
5. How should C0200 be coded?

Give participants time to respond.

a. Correct answer is C. Code **2.** Two.

SLIDES | **INSTRUCTIONAL GUIDANCE**



C0200 Practice #1 Coding

- The correct code is **2.** Two.
- The resident repeated two of the three words on the first attempt.
- Residents are scored based on the first attempt only.

Minimum Data Set (MDS) 3.0 Section C (BIMS) 34

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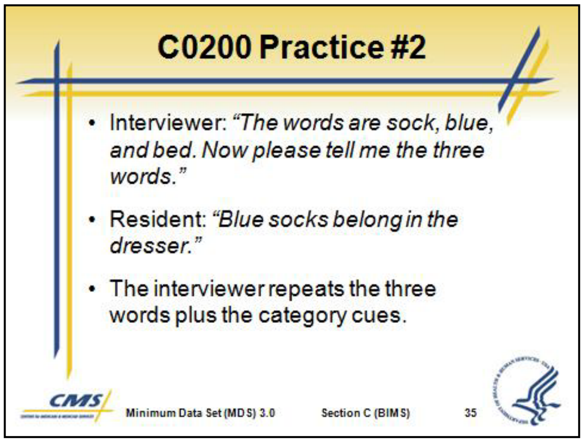
6. C0200 Practice #1 Coding
    a. The correct code is **2.** Two.
    b. The resident repeated two of the three words on the first attempt (sock and bed).
    c. Residents are scored based on the first attempt only.



C0200 Practice #2

- Interviewer: *"The words are sock, blue, and bed. Now please tell me the three words."*
- Resident: *"Blue socks belong in the dresser."*
- The interviewer repeats the three words plus the category cues.

Minimum Data Set (MDS) 3.0 Section C (BIMS) 35

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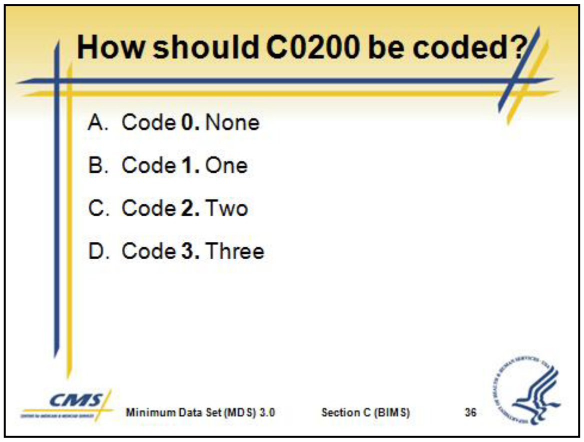
B. C0200 Practice #2
    1. Interviewer: "The words are sock, blue, and bed. Now please tell me the three words."
    2. Resident: "Blue socks belong in the dresser."
    3. The interviewer repeats the three words plus the category cues.



How should C0200 be coded?

A. Code **0.** None
B. Code **1.** One
C. Code **2.** Two
D. Code **3.** Three

Minimum Data Set (MDS) 3.0 Section C (BIMS) 36

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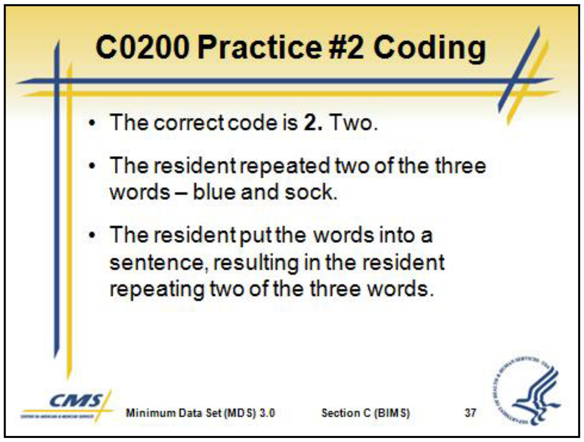
4. How should C0200 be coded?

Give participants time to respond.

a. Correct answer is C. Code **2.** Two.

SLIDES | **INSTRUCTIONAL GUIDANCE**



C0200 Practice #2 Coding

- The correct code is **2.** Two.
- The resident repeated two of the three words – blue and sock.
- The resident put the words into a sentence, resulting in the resident repeating two of the three words.

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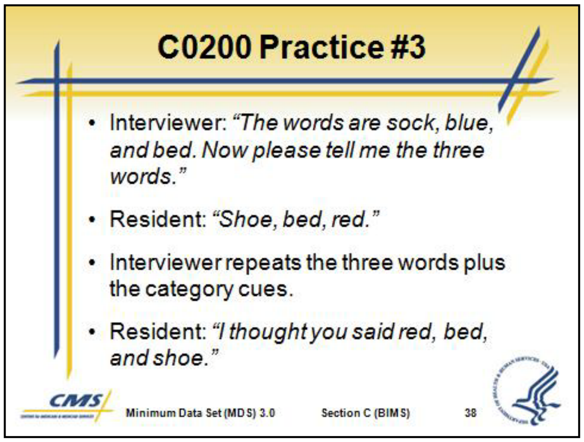
5. C0200 Practice #2 Coding
   a. The correct code is **2.** Two.
   b. The resident repeated two of the three words – blue and sock.
   c. The resident put the words into a sentence, resulting in the resident repeating two of the three words.



C0200 Practice #3

- Interviewer: *"The words are sock, blue, and bed. Now please tell me the three words."*
- Resident: *"Shoe, bed, red."*
- Interviewer repeats the three words plus the category cues.
- Resident: *"I thought you said red, bed, and shoe."*

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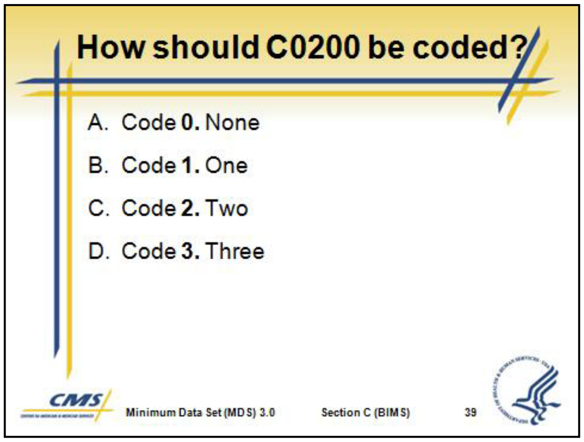
C. C0200 Practice #3

1. Interviewer: *"The words are sock, blue, and bed. Now please tell me the three words."*
2. Resident: *"Shoe, bed, red."*
3. Interviewer repeats the three words plus the category cues.
4. Resident: *"I thought you said red, bed, and shoe."*



How should C0200 be coded?

A. Code **0.** None
B. Code **1.** One
C. Code **2.** Two
D. Code **3.** Three

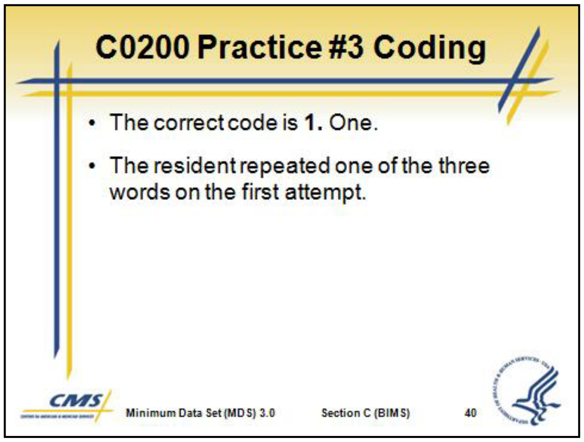
Slide 39

5. How should C0200 be coded?

Give participants time to respond.

   a. Correct answer is B. Code **1.** One.

SLIDES	INSTRUCTIONAL GUIDANCE



C0200 Practice #3 Coding

- The correct code is **1.** One.
- The resident repeated one of the three words on the first attempt.

Minimum Data Set (MDS) 3.0 Section C (BIMS) 40

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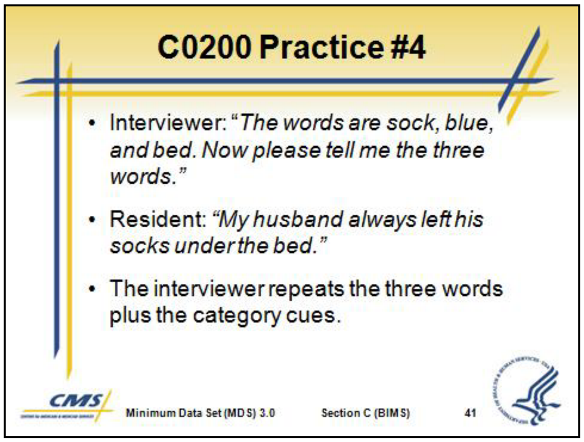
6. C0200 Practice #3 Coding
   a. The correct code is **1.** One.
   b. The resident repeated one of the three items on the first attempt.



C0200 Practice #4

- Interviewer: "*The words are sock, blue, and bed. Now please tell me the three words.*"
- Resident: *"My husband always left his socks under the bed."*
- The interviewer repeats the three words plus the category cues.

Minimum Data Set (MDS) 3.0 Section C (BIMS) 41

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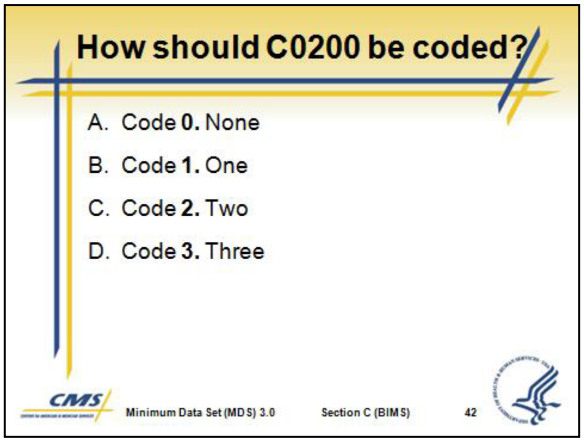
D. C0200 Coding Practice #4

1. The interviewer says, "The words are sock, blue, and bed. Now please tell me the three words."
2. The resident says, "My husband always left his socks under the bed."
3. The interviewer repeats the three words plus the category cues.



How should C0200 be coded?

A. Code **0.** None
B. Code **1.** One
C. Code **2.** Two
D. Code **3.** Three

Minimum Data Set (MDS) 3.0 Section C (BIMS) 42

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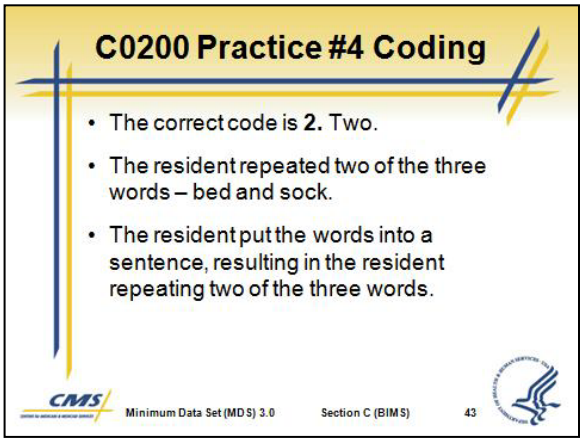
4. How should C0200 be coded?

Give participants time to respond.

a. Correct answer is C. Code **2.** Two.

SLIDES | **INSTRUCTIONAL GUIDANCE**



C0200 Practice #4 Coding

- The correct code is **2.** Two.
- The resident repeated two of the three words – bed and sock.
- The resident put the words into a sentence, resulting in the resident repeating two of the three words.

Minimum Data Set (MDS) 3.0 Section C (BIMS) 43

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5. C0200 Practice #4 Coding
   a. The correct code is **2.** Two.
   b. The resident repeated two of the three words – bed and sock.
   c. The resident put the words into a sentence, resulting in the resident repeating two of the three words.

Item C0300

Temporal Orientation

Slide 44

VIII. C0300 Temporal Orientation

A. This component of the BIMS interview consists of three questions that require a resident to identify his or her temporal orientation at the time of the interview.

B. Lack of temporal orientation may lead to:

- Decreased communication
- Decreased participation in activities
- Frustration
- Fear

Instructor Notes

Notes

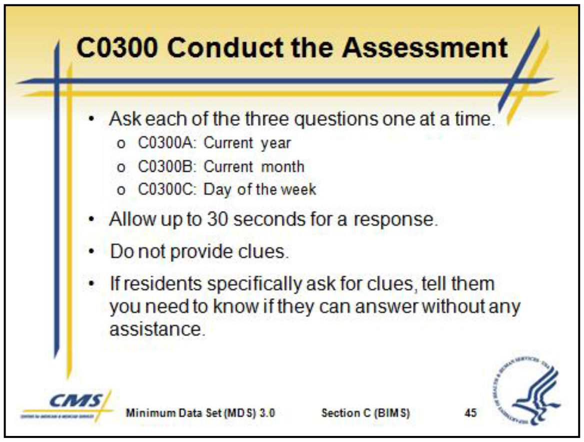
Temporal Orientation

In general, the ability to place oneself in correct time. For BIMS, it is the ability to indicate correct date in current surroundings.

Notes

Instructor Notes

SLIDES



C0300 Conduct the Assessment

- Ask each of the three questions one at a time.
  - C0300A: Current year
  - C0300B: Current month
  - C0300C: Day of the week
- Allow up to 30 seconds for a response.
- Do not provide clues.
- If residents specifically ask for clues, tell them you need to know if they can answer without any assistance.

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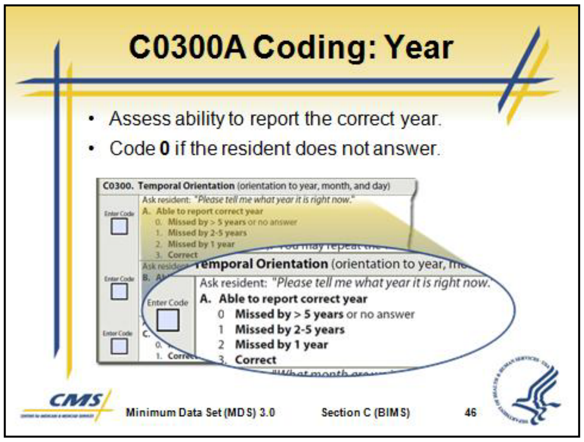
INSTRUCTIONAL GUIDANCE

C. C0300 Conduct the Assessment

1. Ask the resident each of the three questions one at a time.
   - a. C0300A Year: “*Please tell me what year it is right now.*”
   - b. C0300B Month: “*What month are we in right now?*”
   - c. C0300C Day: “*What day of the week is today?*”
2. Allow up to 30 seconds for each response.
3. Do not provide clues.
4. If the resident specifically asks for clues (e.g. “is it bingo day?”), respond by saying. “*I need to know if you can answer this question without any help from me.*”



C0300A Coding: Year

- Assess ability to report the correct year.
- Code **0** if the resident does not answer.

C0300. Temporal Orientation (orientation to year, month, and day)

Enter Code ☐ Ask resident: *"Please tell me what year it is right now."*

A. Able to report correct year

0 **Missed by > 5 years** or no answer

1 **Missed by 2-5 years**

2 **Missed by 1 year**

3. **Correct**

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D. C0300A (Year) Coding Instructions

1. Item C0300A assesses the resident’s ability to report the correct year.
2. Coding options provide a range of choices to reflect the accuracy of the resident’s response.

- **Code 0. Missed by > 5 years or no answer**.

  If the resident’s answer is incorrect and is greater than 5 years from the current year or the resident chooses not to answer the item

SLIDES	INSTRUCTIONAL GUIDANCE

- **Code 1. Missed by 2-5 years**

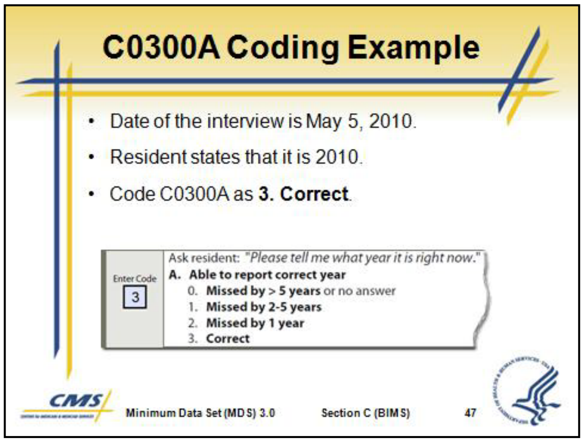
  If the resident's answer is incorrect but is within 2-5 years from the current year

- **Code 2. Missed by 1 year**

  If the resident's answer is incorrect but is within one year from the current year

- **Code 3. Correct**

  If the resident states the correct year



C0300A Coding Example

- Date of the interview is May 5, 2010.
- Resident states that it is 2010.
- Code C0300A as **3. Correct**.

Enter Code ☐ 3

Ask resident: *"Please tell me what year it is right now."*

A. Able to report correct year

0. **Missed by > 5 years** or no answer
1. **Missed by 2-5 years**
2. **Missed by 1 year**
3. **Correct**

Minimum Data Set (MDS) 3.0 Section C (BIMS) 47

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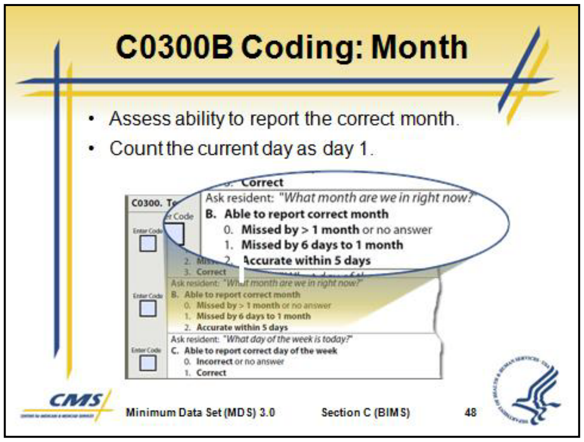
E. C0300A Coding Example

1. The date of interview is May 5, 2010.
2. The resident, responding to the statement, "*Please tell me what year it is right now,*" states that it is 2010.
3. Code C0300A as **3. Correct.**
4. The resident correctly stated 2010 as the current year.



C0300B Coding: Month

- Assess ability to report the correct month.
- Count the current day as day 1.

Ask resident: *"What month are we in right now?"*

B. Able to report correct month

0. **Missed by > 1 month** or no answer
1. **Missed by 6 days to 1 month**
2. **Accurate within 5 days**

Ask resident: *"What day of the week is today?"*

C. Able to report correct day of the week

0. **Incorrect** or no answer
1. **Correct**

Minimum Data Set (MDS) 3.0 Section C (BIMS) 48

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F. C0300B (Month) Coding Instructions

1. Item C0300B assesses the resident's ability to report the correct month.
2. Coding options provide a range of choices to reflect the accuracy of the resident's response.
3. Count the current day as day 1 for coding options 1 and 2.
4. Determine whether the response was accurate within 5 days or missed by 6 days to 1 month.

SLIDES	INSTRUCTIONAL GUIDANCE

- **Code 0, Missed by > 1 month or no answer**

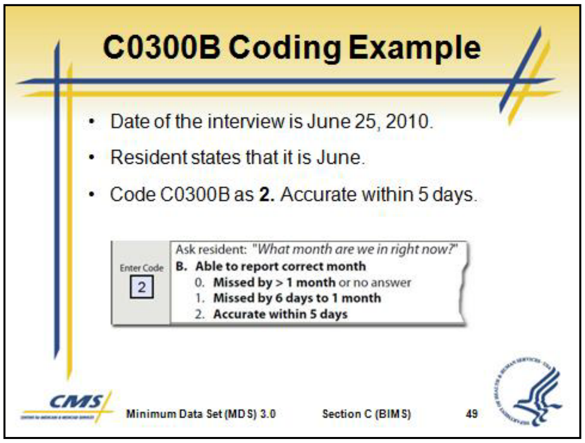
  If the resident's answer is incorrect by more than 1 month or if the resident chooses not to answer the item

- **Code 1. Missed by 6 days to 1 month**

  If the resident's answer is accurate within 6 days to 1 month

- **Code 2. Accurate within 5 days**

  If the resident's answer is accurate within 5 days



C0300B Coding Example

- Date of the interview is June 25, 2010.
- Resident states that it is June.
- Code C0300B as **2.** Accurate within 5 days.

Enter Code 2

Ask resident: "*What month are we in right now?*"

B. Able to report correct month

0. **Missed by > 1 month** or no answer
1. **Missed by 6 days to 1 month**
2. **Accurate within 5 days**

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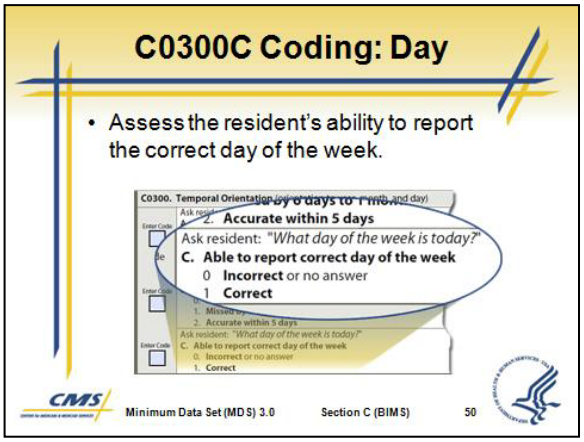
G. C0300B Coding Example

1. The date of the interview is June 25, 2010.
2. The resident, responding to the question, "*What month are we in right now?*" states that it is June.
3. Code C0300B as **2.** Accurate within 5 days.
4. The resident correctly stated the month to be June.



C0300C Coding: Day

- Assess the resident's ability to report the correct day of the week.

C0300. Temporal Orientation

2. Accurate within 5 days

Ask resident: "*What day of the week is today?*"

C. Able to report correct day of the week

0 **Incorrect** or no answer

1 **Correct**

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H. C0300C (Day) Coding Instructions

1. Item C0300C assesses the resident's ability to report the correct day of the week.
2. Coding options:

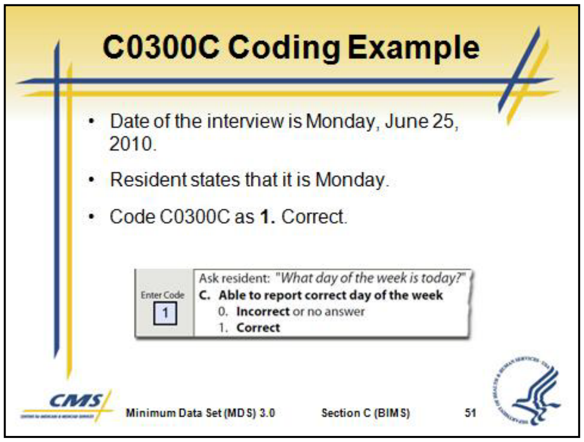
- **Code 0. Incorrect or no answer**

  If the answer is incorrect or the resident chooses not to answer this item

- **Code 1. Correct**

  If the answer is correct

SLIDES | **INSTRUCTIONAL GUIDANCE**



C0300C Coding Example

- Date of the interview is Monday, June 25, 2010.
- Resident states that it is Monday.
- Code C0300C as **1.** Correct.

Enter Code 1

Ask resident: "*What day of the week is today?*"

C. Able to report correct day of the week

0. **Incorrect** or no answer
1. **Correct**

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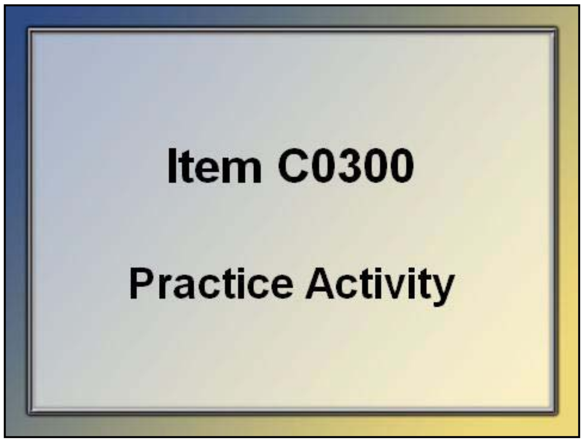
I. C0300C Coding Example

1. The date of interview is Monday, June 25, 2010.
2. The resident, responding to the question, “*What day of the week is it today?*” states that it is Monday.
3. Code C0300C as **1. Correct**.
4. The resident correctly stated the day of the week.



Item C0300

Practice Activity

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IX. C0300 Temporal Orientation Coding Activity

Activity contains 8 scenarios.

Instructor Notes

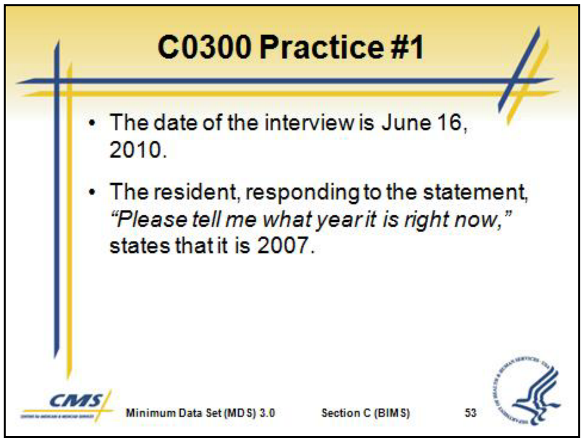
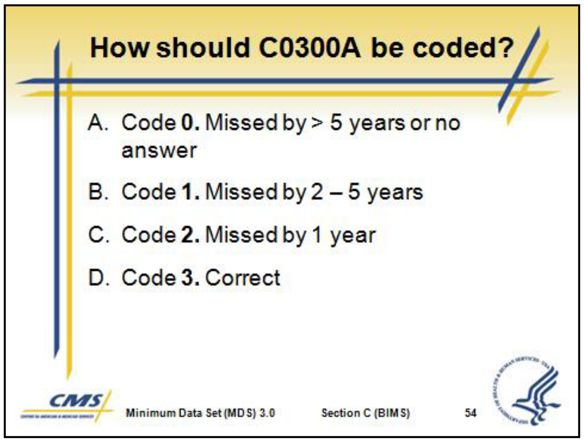
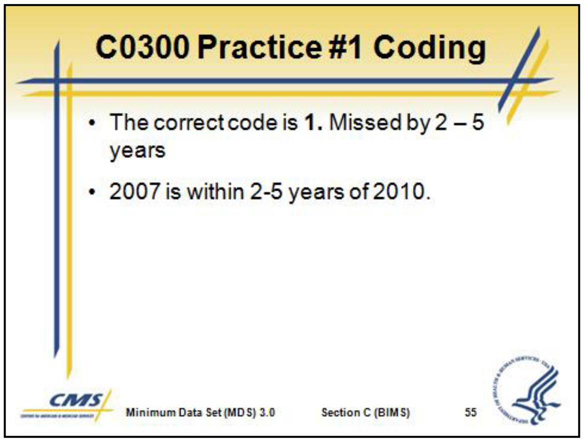
Notes

C0300 Coding Practice Activity Instructions

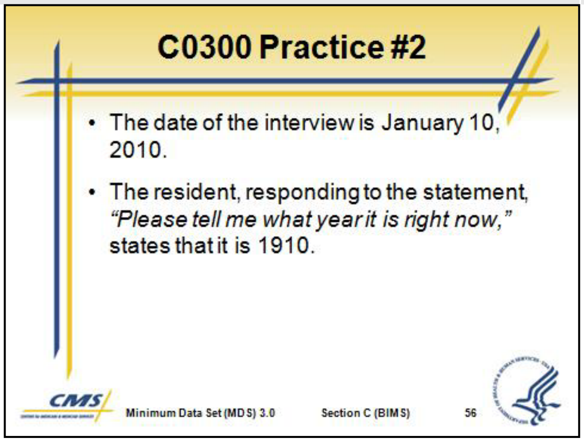
- Direct participants to turn to Section C in the MDS item set.
- Read the C0300 question and the interview scenario for the question.
- Ask participants to choose the response option best suited for the given scenario.
- Give all participants time to respond.
- Ask participants why the answer is correct and review the rationale for each scenario.

Notes

Instructor Notes

SLIDES	INSTRUCTIONAL GUIDANCE
 **C0300 Practice #1** • The date of the interview is June 16, 2010. • The resident, responding to the statement, *"Please tell me what year it is right now,"* states that it is 2007. Slide 53	A. C0300 Practice #1 1. Example for C0300A Year 2. The date of the interview is June 16, 2010. 3. The resident, responding to the statement, *"Please tell me what year it is right now,"* states that it is 2007.
 **How should C0300A be coded?** A. Code **0.** Missed by > 5 years or no answer B. Code **1.** Missed by 2 – 5 years C. Code **2.** Missed by 1 year D. Code **3.** Correct Slide 54	4. How should C0300A be coded? a. Correct answer is **B.** Code **1.** Missed by 2 – 5 years.
 **C0300 Practice #1 Coding** • The correct code is **1.** Missed by 2 – 5 years • 2007 is within 2-5 years of 2010. Slide 55	5. C0300 Practice #1 Coding a. The correct code is **1.** Missed by 2 – 5 years. b. 2007 is within 2-5 years of 2010.

SLIDES	INSTRUCTIONAL GUIDANCE



C0300 Practice #2

- The date of the interview is January 10, 2010.
- The resident, responding to the statement, *"Please tell me what year it is right now,"* states that it is 1910.

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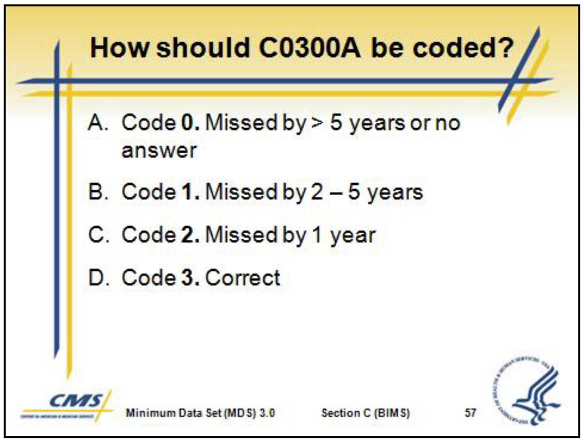
B. C0300 Practice #2

1. Example for C0300A Year.
2. The date of the interview is January 10, 2010.
3. The resident, responding to the statement, *"Please tell me what year it is right now,"* states that it is 1910.



How should C0300A be coded?

A. Code **0.** Missed by > 5 years or no answer
B. Code **1.** Missed by 2 – 5 years
C. Code **2.** Missed by 1 year
D. Code **3.** Correct

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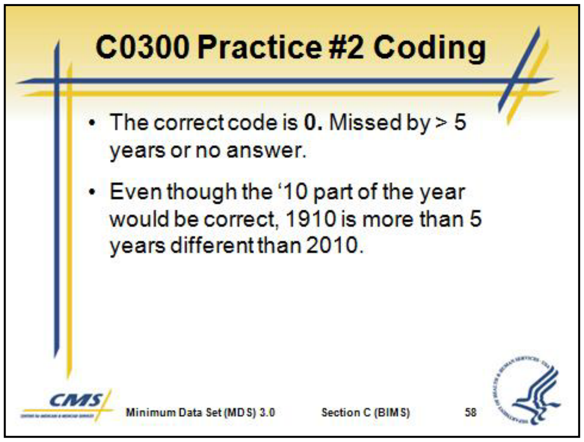
4. How should C0300A be coded?
   a. Correct answer is **A.** Code **0.** Missed by > 5 years or no answer.



C0300 Practice #2 Coding

- The correct code is **0.** Missed by > 5 years or no answer.
- Even though the '10 part of the year would be correct, 1910 is more than 5 years different than 2010.

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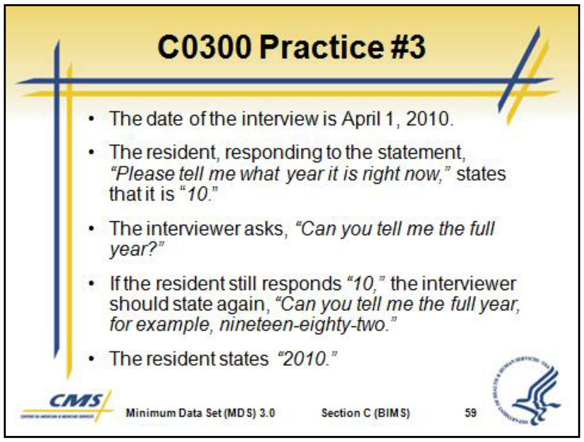
5. C0300 Practice #2 Coding
   a. The correct code is **0.** Missed by > (more than) 5 years or no answer.
   b. Even though the '10 part of the year would be correct, 1910 is more than 5 years different than 2010.

SLIDES | **INSTRUCTIONAL GUIDANCE**



C0300 Practice #3

- The date of the interview is April 1, 2010.
- The resident, responding to the statement, *“Please tell me what year it is right now,”* states that it is *“10.”*
- The interviewer asks, *“Can you tell me the full year?”*
- If the resident still responds *“10,”* the interviewer should state again, *“Can you tell me the full year, for example, nineteen-eighty-two.”*
- The resident states *“2010.”*

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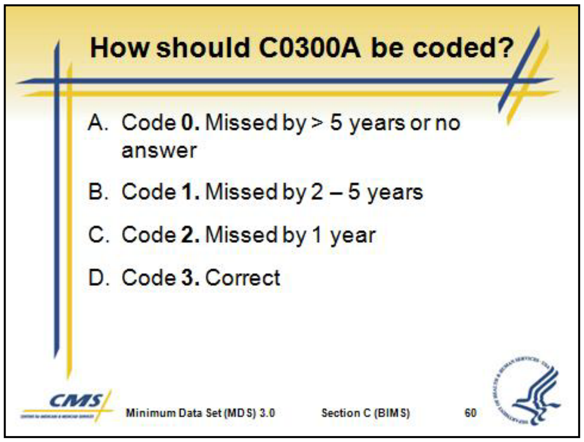
C. C0300 Practice #3

1. Example for C0300A Year.
2. The date of the interview is April 1, 2010.
3. The resident, responding to the statement, *“Please tell me what year it is right now,”* states that it is “10.”
4. The interviewer asks, *“Can you tell me the full year?”*
5. If the resident still responds *“10,”* the interviewer should state again, *“Can you tell me the full year, for example, nineteen-eighty-two.”*
6. The resident states *“2010.”*



How should C0300A be coded?

A. Code **0.** Missed by > 5 years or no answer

B. Code **1.** Missed by 2 – 5 years

C. Code **2.** Missed by 1 year

D. Code **3.** Correct

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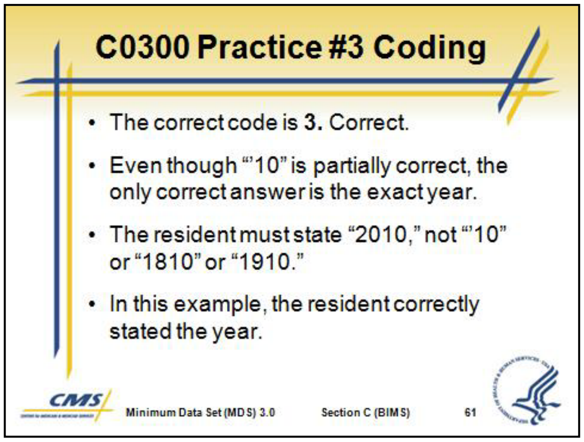
7. How should C0300A be coded?
   a. Correct answer is **D.** Code **3.** Correct.



C0300 Practice #3 Coding

- The correct code is **3.** Correct.
- Even though “‘10” is partially correct, the only correct answer is the exact year.
- The resident must state “2010,” not “‘10” or “1810” or “1910.”
- In this example, the resident correctly stated the year.

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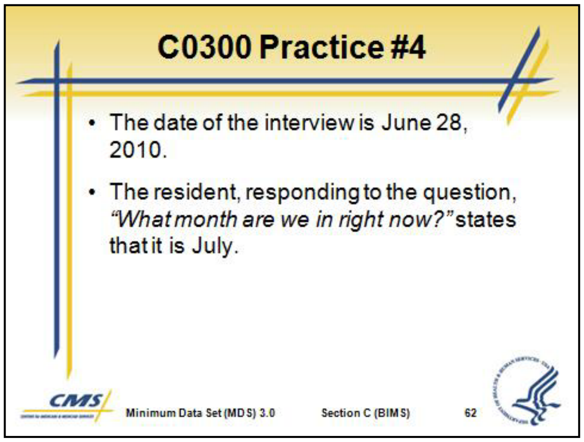
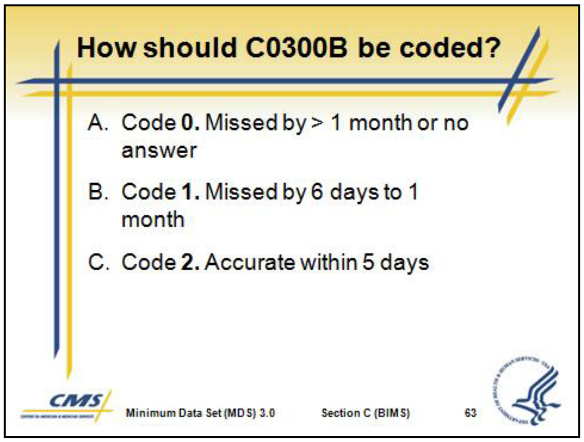
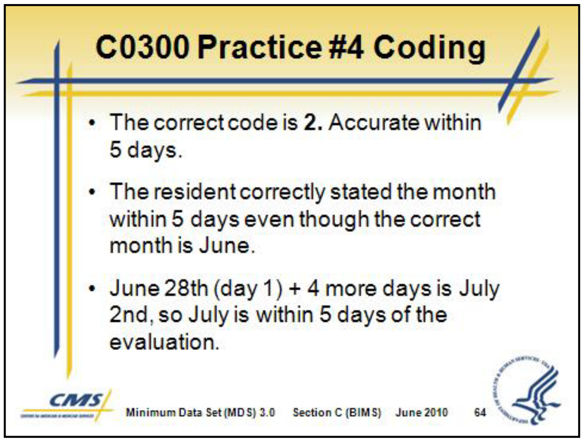
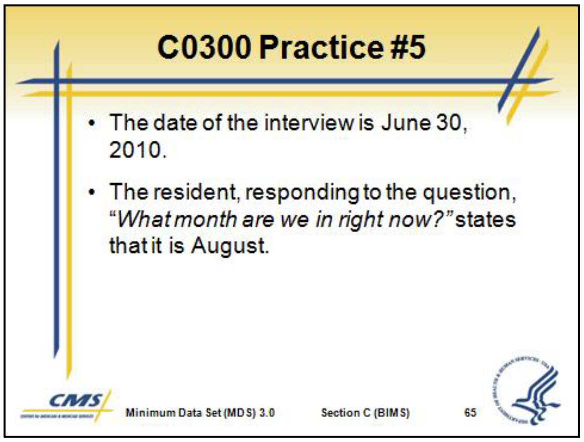
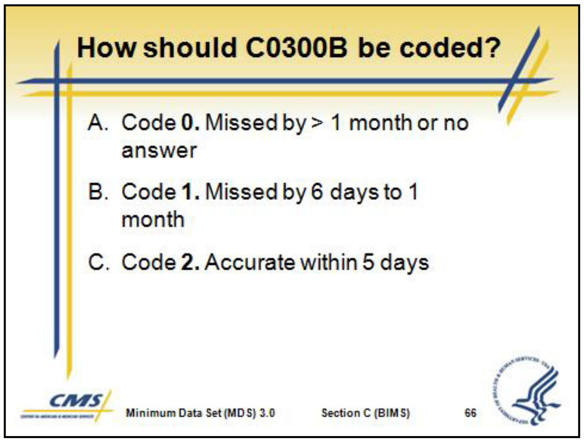
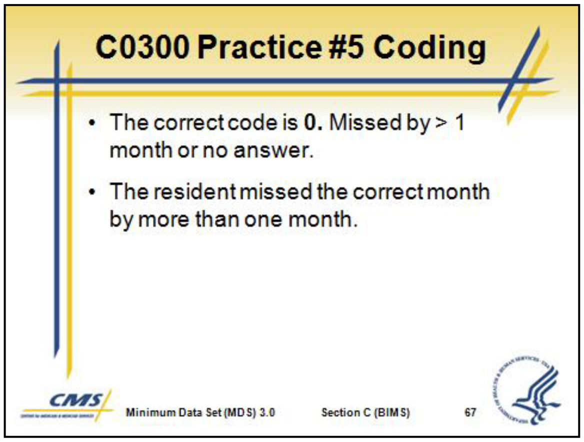
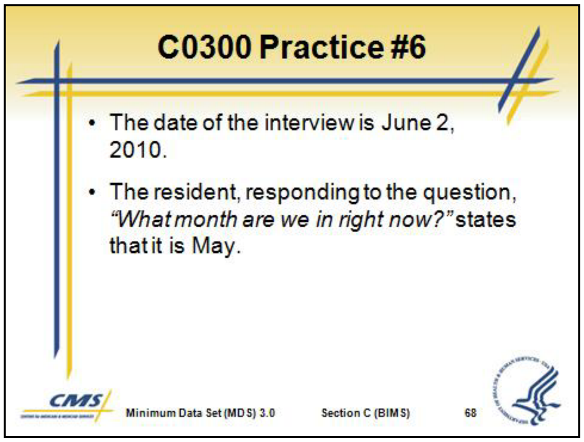
8. C0300 Practice #3 Coding
   a. The correct code is **3.** Correct.
   b. Even though “’10” is partially correct, the only correct answer is the exact year.
   c. The resident must state “2010,” not “’10” or “1810” or “1910.”
   d. In this example, the resident correctly stated the year.

SLIDES	INSTRUCTIONAL GUIDANCE
 **C0300 Practice #4** - The date of the interview is June 28, 2010. - The resident, responding to the question, *"What month are we in right now?"* states that it is July. CMS Minimum Data Set (MDS) 3.0 Section C (BIMS) 62 Slide 62	D. C0300 Practice #4 1. Example for C0300B Month. 2. The date of the interview is June 28, 2010. 3. The resident, responding to the question, *"What month are we in right now?"* states that it is July.
 **How should C0300B be coded?** A. Code **0.** Missed by > 1 month or no answer B. Code **1.** Missed by 6 days to 1 month C. Code **2.** Accurate within 5 days CMS Minimum Data Set (MDS) 3.0 Section C (BIMS) 63 Slide 63	4. How should C0300B be coded? a. Correct answer is **C.** Code **2.** Accurate within 5 days.
 **C0300 Practice #4 Coding** - The correct code is **2.** Accurate within 5 days. - The resident correctly stated the month within 5 days even though the correct month is June. - June 28th (day 1) + 4 more days is July 2nd, so July is within 5 days of the evaluation. CMS Minimum Data Set (MDS) 3.0 Section C (BIMS) June 2010 64 Slide 64	5. C0300 Practice #4 Coding a. The correct code is **2.** Accurate within 5 days. b. The resident correctly stated the month within 5 days even though the correct month is June. c. June 28th (day 1) + 4 more days is July 2nd, so July is within 5 days of the evaluation.

SLIDES	INSTRUCTIONAL GUIDANCE
 **C0300 Practice #5** • The date of the interview is June 30, 2010. • The resident, responding to the question, "*What month are we in right now?*" states that it is August. Minimum Data Set (MDS) 3.0 Section C (BIMS) 65 Slide 65	E. C0300 Practice #5 1. Example for C0300B Month. 2. The date of the interview is June 30, 2010. 3. The resident, responding to the question, "*What month are we in right now?*" states that it is August.
 **How should C0300B be coded?** A. Code **0.** Missed by > 1 month or no answer B. Code **1.** Missed by 6 days to 1 month C. Code **2.** Accurate within 5 days Minimum Data Set (MDS) 3.0 Section C (BIMS) 66 Slide 66	4. How should C0300B be coded? a. Correct answer is **A.** Code **0.** Missed by > 1 month or no answer.
 **C0300 Practice #5 Coding** • The correct code is **0.** Missed by > 1 month or no answer. • The resident missed the correct month by more than one month. Minimum Data Set (MDS) 3.0 Section C (BIMS) 67 Slide 67	5. C0300 Practice #5 Coding a. The correct code is **0.** Missed by > 1 month or no answer. b. The resident missed the correct month by more than one month.

SLIDES

INSTRUCTIONAL GUIDANCE



C0300 Practice #6

- The date of the interview is June 2, 2010.
- The resident, responding to the question, *"What month are we in right now?"* states that it is May.

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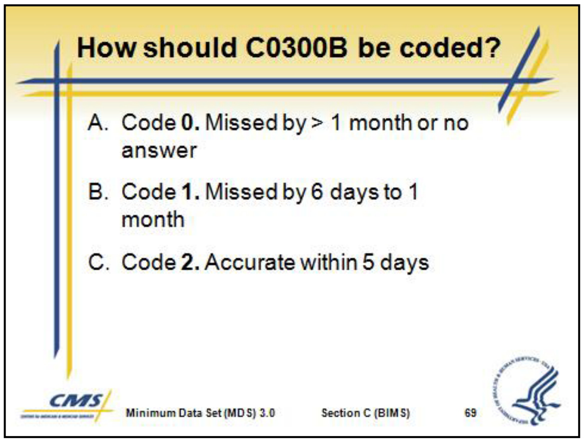
F. C0300 Practice #6

1. Example for C0300B Month.
2. The date of the interview is June 2, 2010.
3. The resident, responding to the question, "*What month are we in right now?*" states that it is May.



How should C0300B be coded?

A. Code **0.** Missed by > 1 month or no answer

B. Code **1.** Missed by 6 days to 1 month

C. Code **2.** Accurate within 5 days

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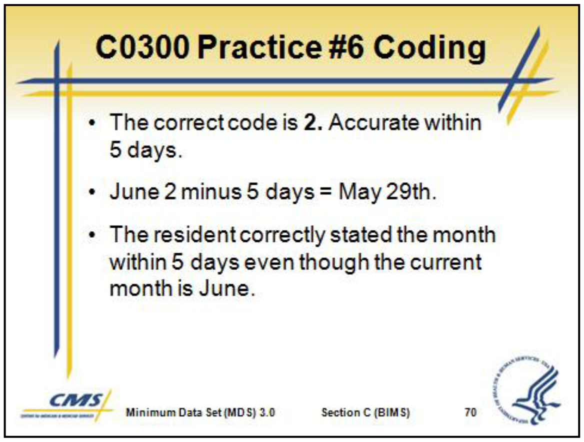
4. How should C0300B be coded?
    a. Correct answer is C. Code **2.** Accurate within 5 days.



C0300 Practice #6 Coding

- The correct code is **2.** Accurate within 5 days.
- June 2 minus 5 days = May 29th.
- The resident correctly stated the month within 5 days even though the current month is June.

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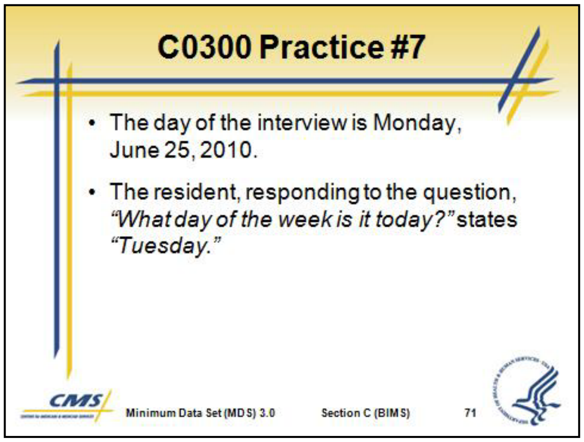
5. C0300 Practice #6 Coding
    a. The correct code is **2.** Accurate within 5 days.
    b. June 2 minus 5 days = May 29th.
    c. The resident correctly stated the month within 5 days even though the current month is June.

SLIDES	INSTRUCTIONAL GUIDANCE



C0300 Practice #7

- The day of the interview is Monday, June 25, 2010.
- The resident, responding to the question, *"What day of the week is it today?"* states *"Tuesday."*

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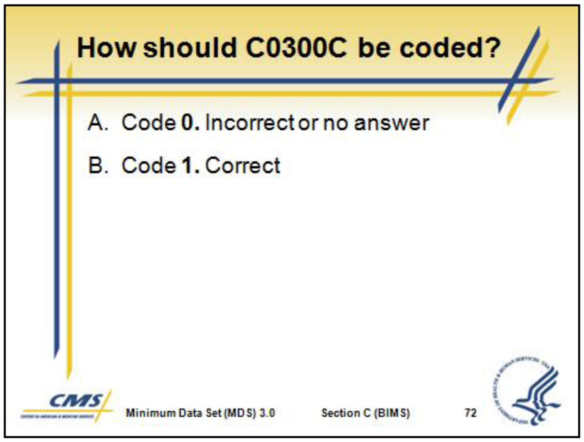
G. C0300 Practice #7

1. Example for C0300C Day
2. The day of the interview is Monday, June 25, 2010.
3. The resident, responding to the question, *"What day of the week is it today?"* states "Tuesday."



How should C0300C be coded?

A. Code **0.** Incorrect or no answer

B. Code **1.** Correct

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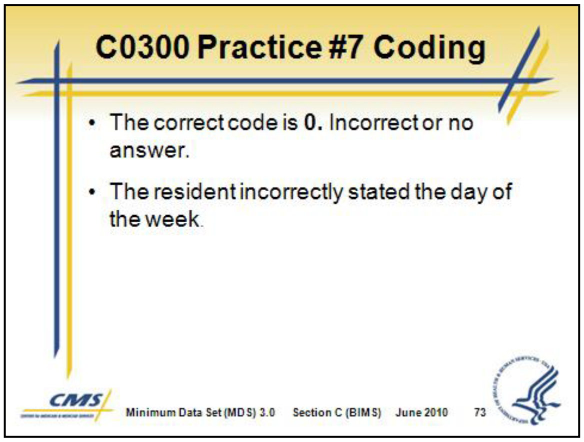
4. How should C0300C be coded?
   a. Correct answer is A. Code **0.** Incorrect or no answer.



C0300 Practice #7 Coding

- The correct code is **0.** Incorrect or no answer.
- The resident incorrectly stated the day of the week.

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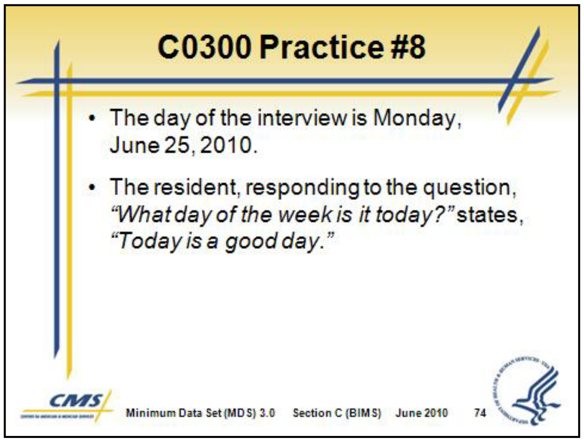
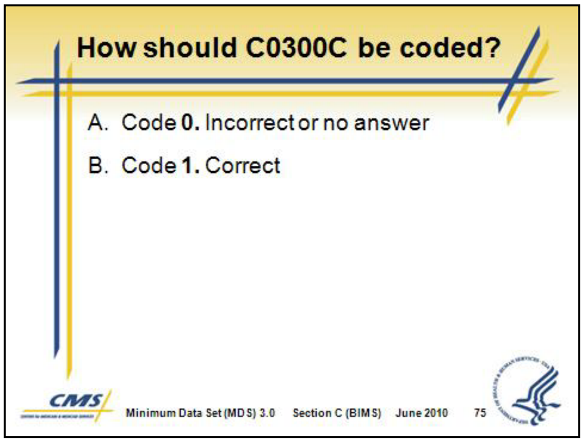
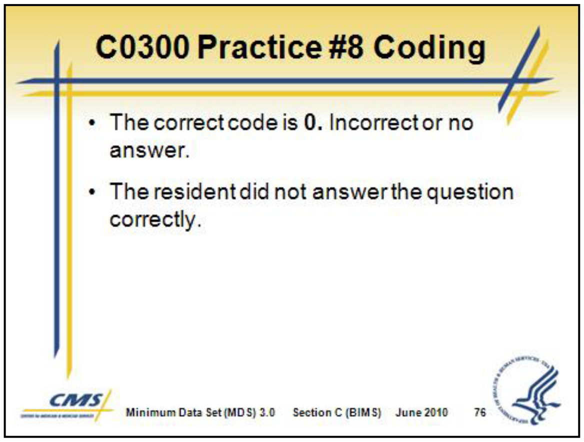
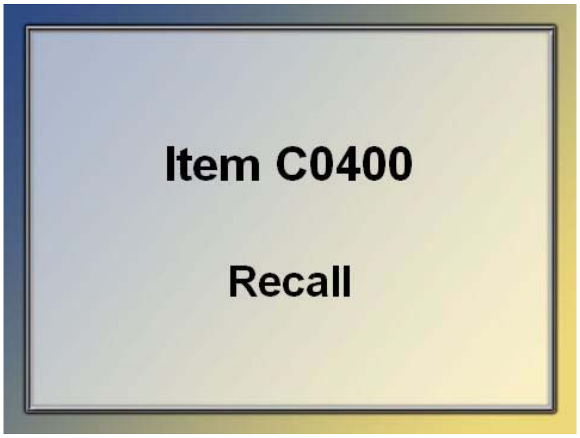
5. C0300 Practice #7 Coding
   a. The correct code is **0.** Incorrect or no answer.
   b. The resident incorrectly stated the day of the week**.**

SLIDES	INSTRUCTIONAL GUIDANCE
 **C0300 Practice #8** - The day of the interview is Monday, June 25, 2010. - The resident, responding to the question, *"What day of the week is it today?"* states, *"Today is a good day."* Slide 74	H. C0300 Practice #8 1. The day of the interview is Monday, June 25, 2010. 2. The resident, responding to the question, "What day of the week is it today?" states, "Today is a good day."
 **How should C0300C be coded?** A. Code **0.** Incorrect or no answer B. Code **1.** Correct Slide 75	3. How should C0300C be coded? a. Code 0. Incorrect or no answer b. Code 1. Correct
 **C0300 Practice #8 Coding** - The correct code is **0.** Incorrect or no answer. - The resident did not answer the question correctly. Slide 76	4. C0300 Practice #8 Coding a. The correct code is **0.** Incorrect or no answer. b. The resident did not answer the question correctly.

SLIDES | **INSTRUCTIONAL GUIDANCE**



Item C0400

Recall

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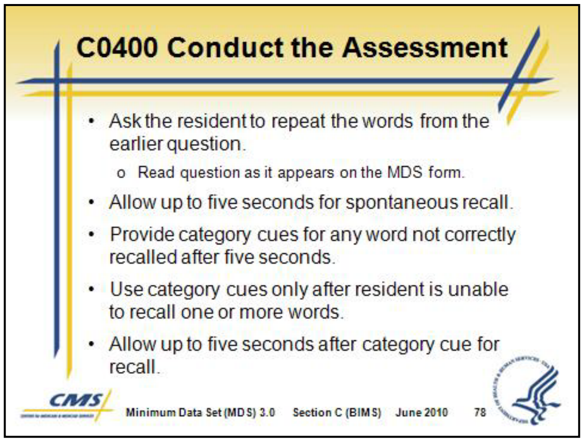
X. C0400 Recall

Activity contains 2 scenarios.



C0400 Conduct the Assessment

- Ask the resident to repeat the words from the earlier question.
  - Read question as it appears on the MDS form.
- Allow up to five seconds for spontaneous recall.
- Provide category cues for any word not correctly recalled after five seconds.
- Use category cues only after resident is unable to recall one or more words.
- Allow up to five seconds after category cue for recall.

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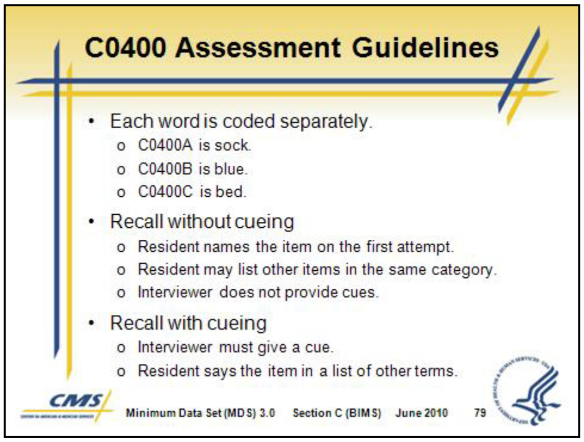
A. C0400 Conduct the Assessment

1. Ask the resident to repeat the words from the earlier question.
   a. Read question as it appears on the MDS form.
2. Allow up to five seconds for spontaneous recall.
3. Provide category cues or any word not correctly recalled after five seconds.
4. Provide category cues for any word not correctly recalled after five seconds.
5. Use category cues only after resident is unable to recall one or more words.
6. Allow up to five seconds after category cue for recall.

SLIDES | **INSTRUCTIONAL GUIDANCE**



C0400 Assessment Guidelines

- Each word is coded separately.
  - C0400A is sock.
  - C0400B is blue.
  - C0400C is bed.
- Recall without cueing
  - Resident names the item on the first attempt.
  - Resident may list other items in the same category.
  - Interviewer does not provide cues.
- Recall with cueing
  - Interviewer must give a cue.
  - Resident says the item in a list of other terms.

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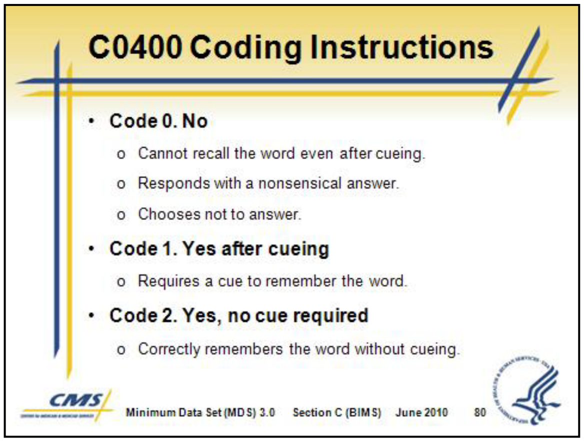
B. C0400 Assessment Guidelines

1. Each word is coded separately.
   - a. C0400A is sock.
   - b. C0400B is blue.
   - c. C0400C is bed.
2. Recall without cueing
   - a. Resident names the item on the first attempt.
   - b. Resident may list other items in the same category.
   - c. Interviewer does not provide cues.
3. Recall with cueing
   - a. Interviewer must give a cue.
   - b. Resident says the item in a list of other terms.



C0400 Coding Instructions

- **Code 0. No**
  - Cannot recall the word even after cueing.
  - Responds with a nonsensical answer.
  - Chooses not to answer.
- **Code 1. Yes after cueing**
  - Requires a cue to remember the word.
- **Code 2. Yes, no cue required**
  - Correctly remembers the word without cueing.

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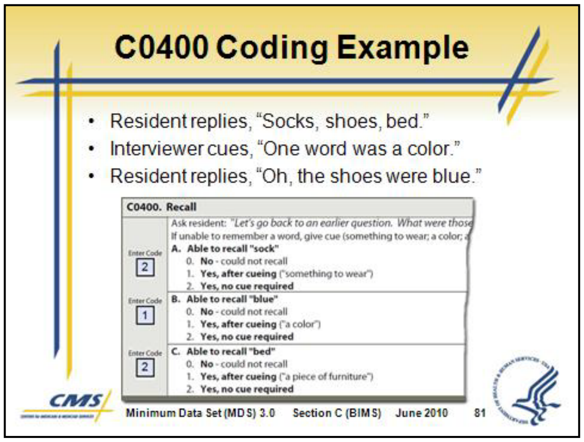
C. C0400 Coding Instructions

- **Code 0. No**
  - a. Cannot recall the word even after cueing.
  - b. Responds with a nonsensical answer.
  - c. Chooses not to answer.
- **Code 1. Yes after cueing**

  Requires a cue to remember the word.
- **Code 2. Yes, no cue required**

  Correctly remembers the word without cueing.

SLIDES



C0400 Coding Example

- Resident replies, “Socks, shoes, bed.”
- Interviewer cues, “One word was a color.”
- Resident replies, “Oh, the shoes were blue.”

C0400. Recall

Ask resident: *"Let's go back to an earlier question. What were those*
If unable to remember a word, give cue (something to wear; a color;

Enter Code 2
A. Able to recall "sock"
0. **No** - could not recall
1. **Yes, after cueing** ("something to wear")
2. **Yes, no cue required**

Enter Code 1
B. Able to recall "blue"
0. **No** - could not recall
1. **Yes, after cueing** ("a color")
2. **Yes, no cue required**

Enter Code 2
C. Able to recall "bed"
0. **No** - could not recall
1. **Yes, after cueing** ("a piece of furniture")
2. **Yes, no cue required**

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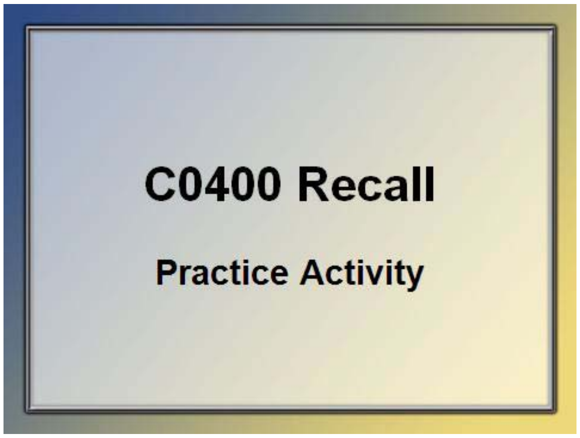
INSTRUCTIONAL GUIDANCE

D. C0400 Example

1. The resident is asked to recall the three words.
    a. The resident replies, “Socks, shoes, and bed.”
    b. The examiner then cues, “One word was a color.”
    c. The resident says, “Oh, the shoes were blue.”
2. Correct coding
    a. Code “sock” and “bed” as **2.** Yes, no cue required.
    b. Code “blue” as **1.** Yes, after cueing.
3. Rationale
    a. **C0400A (sock):** The resident’s initial response includes the answer, even though they also listed another item in that category (shoes), because he or she was answering the initial question without cueing.
    b. **C0400B (blue):** The resident did not recall spontaneously, but did recall after the category cue was given. Responses that include the word in a sentence are acceptable.
    c. **C0400C (bed):** The resident independently recalled the item on the first attempt.

SLIDES	INSTRUCTIONAL GUIDANCE



C0400 Recall

Practice Activity

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X. C0400 Recall Practice Activity

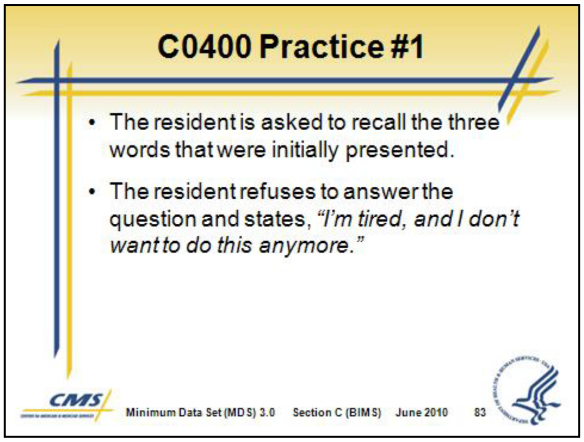
Activity contains 2 scenarios.

Instructor Notes

C0400 Coding Practice Activity Instructions

- Direct participants to turn to Section C in the MDS item set.
- Read the C0400 question and the interview scenario for the question.
- Ask participants to choose the response option best suited for the given scenario.
- Give all participants time to respond.
- Ask participants why the answer is correct and review the rationale for each scenario.

Instructor Notes



C0400 Practice #1

- The resident is asked to recall the three words that were initially presented.
- The resident refuses to answer the question and states, *"I'm tired, and I don't want to do this anymore."*

Minimum Data Set (MDS) 3.0 Section C (BIMS) June 2010 83

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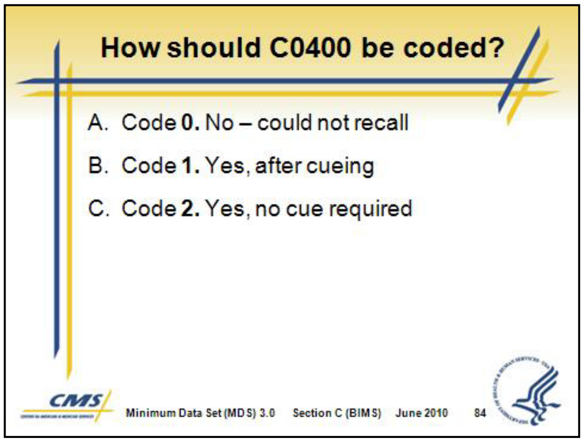
A. C0400 Practice #1

1. The resident is asked to recall the three words that were initially presented.
2. The resident refuses to answer the question and states, *"I'm tired, and I don't want to do this anymore."*

SLIDES	INSTRUCTIONAL GUIDANCE



How should C0400 be coded?

A. Code **0.** No – could not recall

B. Code **1.** Yes, after cueing

C. Code **2.** Yes, no cue required

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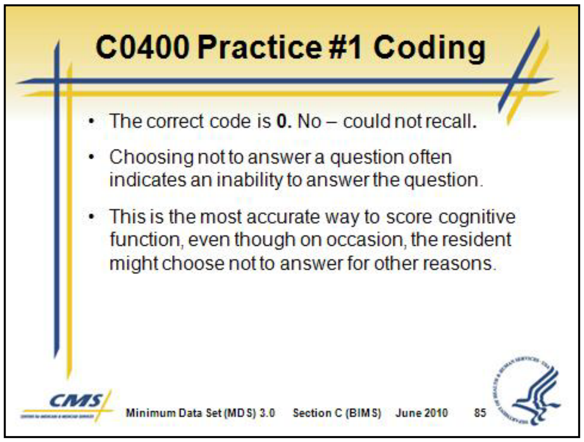
3. How should C0400 be coded?
    a. Correct answer is A. Code **0.** No – could not recall.



C0400 Practice #1 Coding

- The correct code is **0.** No – could not recall.
- Choosing not to answer a question often indicates an inability to answer the question.
- This is the most accurate way to score cognitive function, even though on occasion, the resident might choose not to answer for other reasons.

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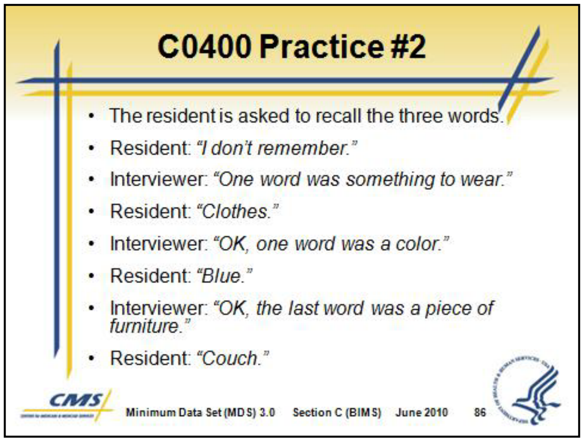
4. C0400 Practice #1 Coding
    a. The correct code is **0.** No – could not recall.
    b. Choosing not to answer a question often indicates an inability to answer the question.
    c. This is the most accurate way to score cognitive function, even though on occasion, the resident might choose not to answer for other reasons.



C0400 Practice #2

- The resident is asked to recall the three words.
- Resident: *"I don't remember."*
- Interviewer: *"One word was something to wear."*
- Resident: *"Clothes."*
- Interviewer: *"OK, one word was a color."*
- Resident: *"Blue."*
- Interviewer: *"OK, the last word was a piece of furniture."*
- Resident: *"Couch."*

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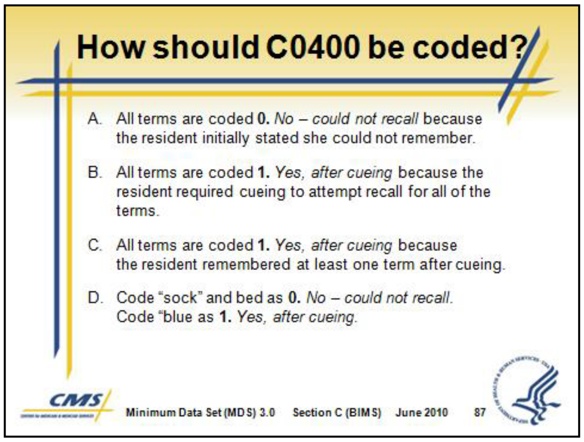
B. C0400 Practice #2
    1. The resident is asked to recall the three words that were initially presented.
    2. The resident answers, *"I don't remember."*
    3. The assessor then says, "One word was something to wear."
    4. The resident says, *"Clothes."*
    5. The assessor then says, "OK, one word was a color."
    6. The resident says, *"Blue."*

SLIDES	INSTRUCTIONAL GUIDANCE

7. The assessor then says, “OK, the last word was a piece of furniture.
8. The resident says, *“Couch.”*



How should C0400 be coded?

A. All terms are coded **0.** *No – could not recall* because the resident initially stated she could not remember.

B. All terms are coded **1.** *Yes, after cueing* because the resident required cueing to attempt recall for all of the terms.

C. All terms are coded **1.** *Yes, after cueing* because the resident remembered at least one term after cueing.

D. Code “sock” and bed as **0.** *No – could not recall.* Code “blue as **1.** *Yes, after cueing.*

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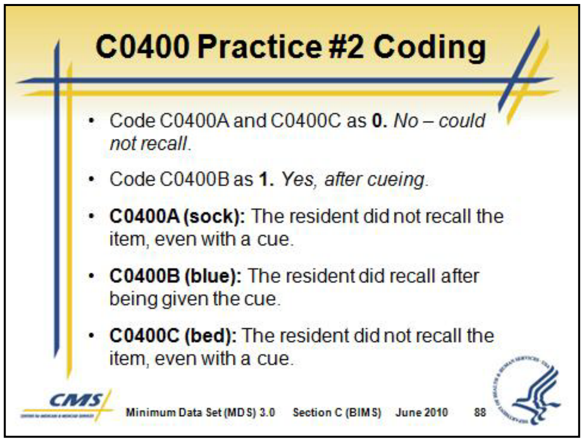
9. How should C0400 be coded?
   a. Correct answer is **D.** Code “sock” and bed as **0.** No – could not recall. Code “blue as **1.** Yes, after cueing.



C0400 Practice #2 Coding

- Code C0400A and C0400C as **0.** *No – could not recall.*
- Code C0400B as **1.** *Yes, after cueing.*
- **C0400A (sock):** The resident did not recall the item, even with a cue.
- **C0400B (blue):** The resident did recall after being given the cue.
- **C0400C (bed):** The resident did not recall the item, even with a cue.

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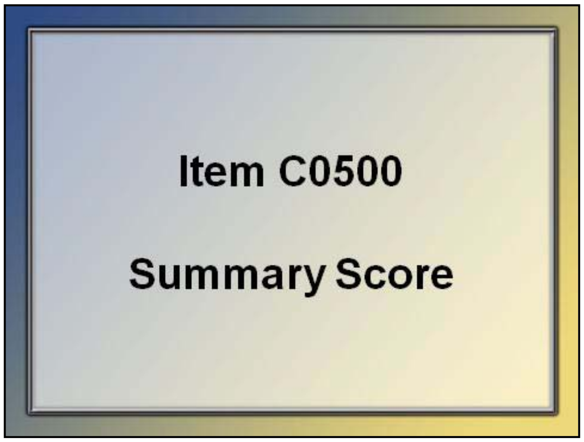
10. C0400 Practice #2 Coding
    a. The correct coding is C0400A and C0400C as **0.** *No – could not recall* and C0400B as **1.** *Yes, after cueing*.
    b. **C0400A (sock):** The resident did not recall the item, even with a cue.
    c. **C0400B (blue):** The resident did recall after being given the cue.
    d. **C0400C (bed):** The resident did not recall the item, even with a cue.

       Answer A. All terms are coded **0.** *No – could not recall because the resident initially stated she could not remember* is incorrect because you do not code the result of the resident’s first attempt for this component of BIMS.

SLIDES	INSTRUCTIONAL GUIDANCE

e. Answer **B.** All terms are coded **1.** *Yes, after cueing because the resident required cueing to attempt recall for all of the terms* is incorrect because coding is not dependent simply whether cueing is required to attempt recall.

f. Answer **C.** All terms are coded **1.** *Yes, after cueing* because the resident remembered at least one term after cueing is incorrect because each term the resident is asked to recall is coded independently.



Item C0500

Summary Score

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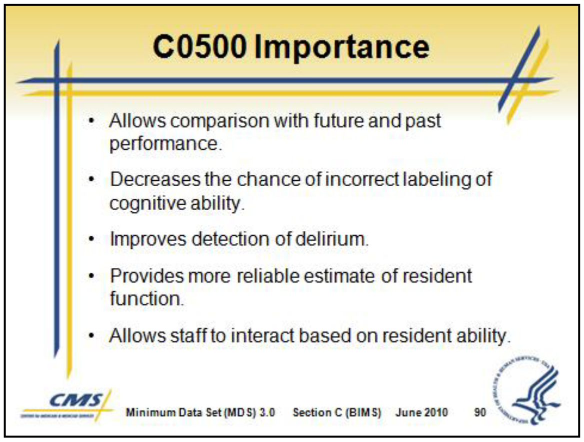
XII. C0500 Summary Score

A. The last component of the Section C interview is to calculate a summary score that reflects the resident's performance on the interview.



C0500 Importance

- Allows comparison with future and past performance.
- Decreases the chance of incorrect labeling of cognitive ability.
- Improves detection of delirium.
- Provides more reliable estimate of resident function.
- Allows staff to interact based on resident ability.

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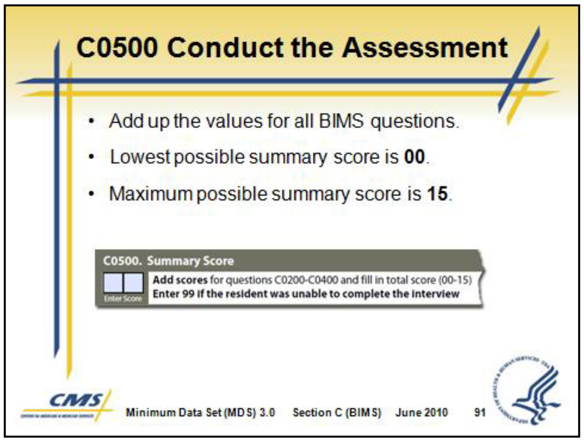
B. C0500 Importance

1. Allows comparison with future and past performance.
2. Decreases the chance of incorrect labeling of cognitive ability.
3. Assists detection of delirium.
4. Provides staff with a more reliable estimate of resident function.

SLIDES	INSTRUCTIONAL GUIDANCE

5. Allows staff interactions with residents that are based on more accurate impressions about resident ability.



C0500 Conduct the Assessment

- Add up the values for all BIMS questions.
- Lowest possible summary score is **00**.
- Maximum possible summary score is **15**.

C0500. Summary Score

☐☐ Enter Score

Add scores for questions C0200-C0400 and fill in total score (00-15)

Enter 99 if the resident was unable to complete the interview

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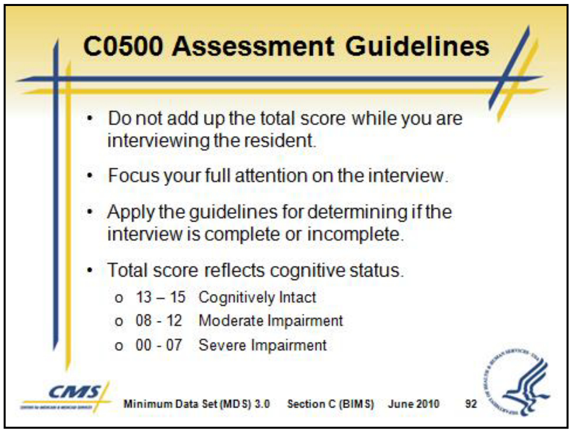
C. C0500 Conduct the Assessment

1. Add up the values for the BIMS questions (all items from C0200-C0400)
2. Maximum possible score is 15.



C0500 Assessment Guidelines

- Do not add up the total score while you are interviewing the resident.
- Focus your full attention on the interview.
- Apply the guidelines for determining if the interview is complete or incomplete.
- Total score reflects cognitive status.
  - 13 – 15 Cognitively Intact
  - 08 - 12 Moderate Impairment
  - 00 - 07 Severe Impairment

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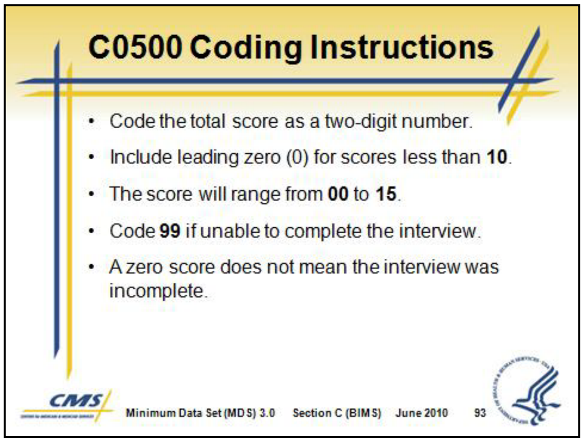
D. C0500 Assessment Guidelines

1. Do not add up the total score while interviewing the resident.
2. Focus your full attention on the interview.
3. Scores from a carefully conducted BIMS assessment where residents can hear all questions and the resident is not delirious suggest the following distributions:
   a. A score of 13 – 15 indicates the resident is cognitively intact.
   b. A score of 13 – 15 indicates the resident is moderately impaired.
   c. A score of 0 – 7 indicates the resident is severely impaired.

SLIDES | **INSTRUCTIONAL GUIDANCE**



C0500 Coding Instructions

- Code the total score as a two-digit number.
- Include leading zero (0) for scores less than **10**.
- The score will range from **00** to **15**.
- Code **99** if unable to complete the interview.
- A zero score does not mean the interview was incomplete.

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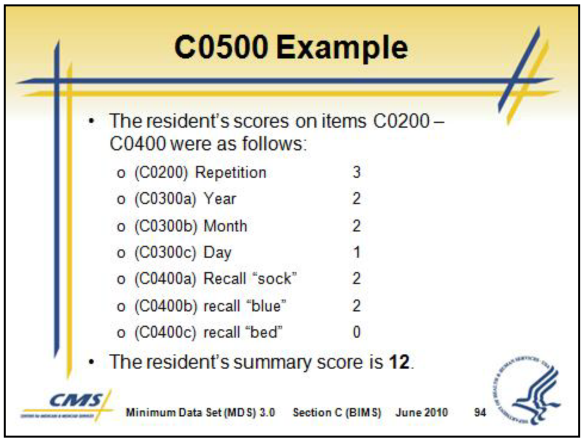
E. C0500 Coding Instructions

1. Code the total score as a two digit number.
2. Include a leading zero (0) as the first digit for scores less than ten.
3. The score will range from **00-15**.
4. Code **99** if you are unable to complete interview.
5. Remember, a zero score does not mean the BIMS was incomplete.
6. Do not change a **00** to a **99**.



C0500 Example

- The resident's scores on items C0200 – C0400 were as follows:
  - (C0200) Repetition 3
  - (C0300a) Year 2
  - (C0300b) Month 2
  - (C0300c) Day 1
  - (C0400a) Recall "sock" 2
  - (C0400b) recall "blue" 2
  - (C0400c) recall "bed" 0
- The resident's summary score is **12**.

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F. C0500 Example

1. The resident's scores on items C0200 – C0400 were as follows *(see slide)*
2. C0500 would be coded **12**.

Item C0500

Complete/ Incomplete Interview

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XIII. C0500 Complete/ Incomplete Interview

A. This approach to calculating the summary score is applicable for complete interviews.

B. Let's review what constitutes a complete and incomplete interview.

SLIDES

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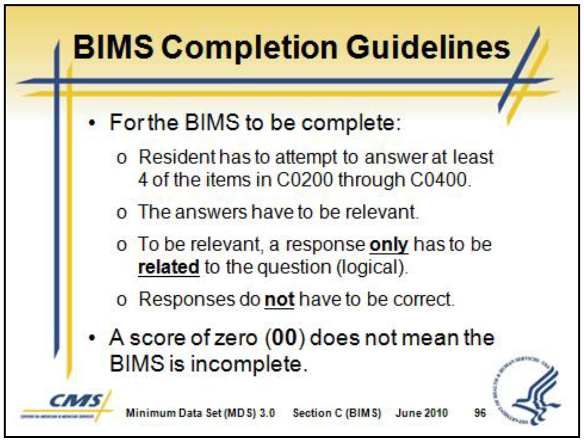

BIMS Completion Guidelines

- For the BIMS to be complete:
  - Resident has to attempt to answer at least 4 of the items in C0200 through C0400.
  - The answers have to be relevant.
  - To be relevant, a response **only** has to be **related** to the question (logical).
  - Responses do **not** have to be correct.
- A score of zero (**00**) does not mean the BIMS is incomplete.

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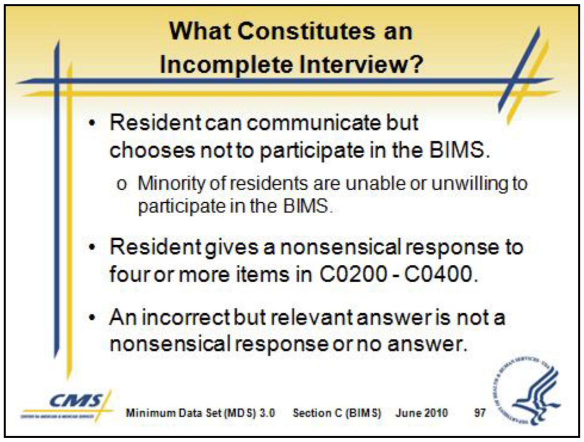
C. BIMS Completion Guidelines

1. For the BIMS to be complete:
   a. Resident has to attempt to answer at least 4 of the items in C0200 through C0400.
   b. The answers have to be relevant.
   c. To be relevant, a response **only** has to be **related** to the question (logical).
   d. Responses do **not** have to be correct.
2. A score of zero (**00**) does not mean the BIMS is incomplete.
   a. A score of zero indicates that the resident attempted every question and provided a relevant response.
   b. The score is zero because the resident’s responses were incorrect.



What Constitutes an Incomplete Interview?

- Resident can communicate but chooses not to participate in the BIMS.
  - Minority of residents are unable or unwilling to participate in the BIMS.
- Resident gives a nonsensical response to four or more items in C0200 - C0400.
- An incorrect but relevant answer is not a nonsensical response or no answer.

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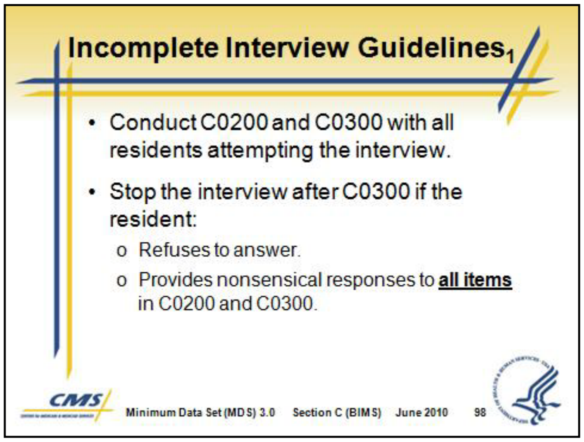
D. What Constitutes an Incomplete Interview?

1. Resident can communicate but chooses not to participate in the BIMS.
   a. A minority of residents are unable or unwilling to participate in the BIMS.
2. Resident gives a nonsensical response to four or more items in C0200 - C0400.
3. An incorrect but relevant answer is not a nonsensical response or no answer.

SLIDES	INSTRUCTIONAL GUIDANCE

4. Therefore, an incorrect answer does not meet the criteria for an incomplete interview.



Incomplete Interview Guidelines$_1$

- Conduct C0200 and C0300 with all residents attempting the interview.
- Stop the interview after C0300 if the resident:
  - o Refuses to answer.
  - o Provides nonsensical responses to **all items** in C0200 and C0300.

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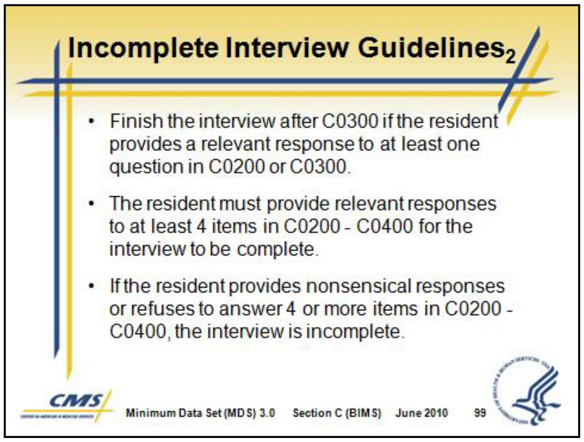
E. Incomplete Interview Guidelines

1. Conduct the assessment for C0200 and C0300 with all residents attempting the resident interview.
2. Stop the interview after C0300 if the resident:
   a. Refuses to answer any of the questions.
   b. Provides nonsensical responses to **all items** in C0200 and C0300.



Incomplete Interview Guidelines$_2$

- Finish the interview after C0300 if the resident provides a relevant response to at least one question in C0200 or C0300.
- The resident must provide relevant responses to at least 4 items in C0200 - C0400 for the interview to be complete.
- If the resident provides nonsensical responses or refuses to answer 4 or more items in C0200 - C0400, the interview is incomplete.

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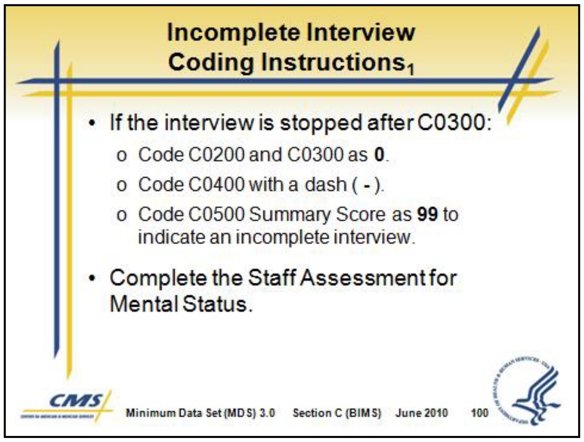
3. Finish the interview after administering C0300 if:
   a. Resident provides a relevant response to at least one question in C0200 or C0300.
   b. The resident must provide relevant responses to at least 4 items in C0200 - C0400 for the interview to be complete.
   c. If the resident provides nonsensical responses or refuses to answer 4 or more items in C0200 - C0400, the interview is incomplete.

SLIDES	INSTRUCTIONAL GUIDANCE



Incomplete Interview Coding Instructions$_1$

- If the interview is stopped after C0300:
  - Code C0200 and C0300 as **0**.
  - Code C0400 with a dash (**-**).
  - Code C0500 Summary Score as **99** to indicate an incomplete interview.
- Complete the Staff Assessment for Mental Status.

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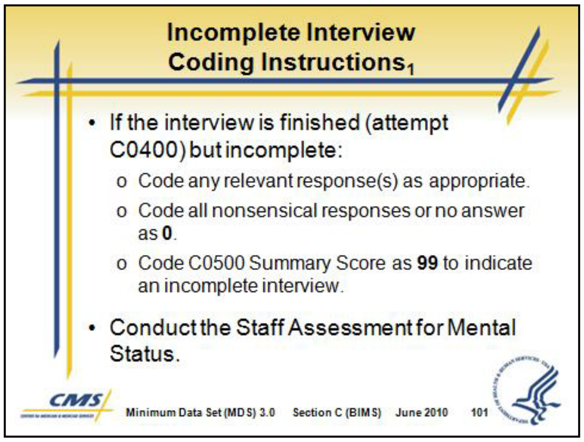
F. Incomplete Interview Coding Instructions

1. Due to the structure of the BIMS interview, an incomplete interview is not coded the same as other sections of the MDS 3.0.
2. If the interview is stopped after C0300:
   a. Code C0200 and C0300 as **0**. No answer.
   b. Code C0400 with a dash (-).
   c. Code C0500 Summary Score as **99** to indicate an incomplete interview.
   d. Complete the Staff Assessment for Mental Status.



Incomplete Interview Coding Instructions$_1$

- If the interview is finished (attempt C0400) but incomplete:
  - Code any relevant response(s) as appropriate.
  - Code all nonsensical responses or no answer as **0**.
  - Code C0500 Summary Score as **99** to indicate an incomplete interview.
- Conduct the Staff Assessment for Mental Status.

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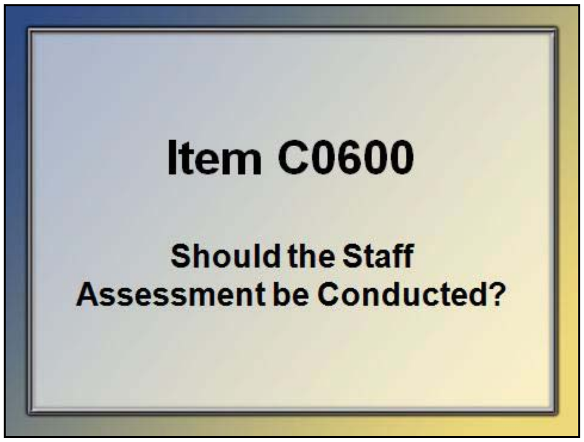
3. If the interview is finished but incomplete:
   a. Code any relevant response(s) as appropriate.
   b. Code all nonsensical responses or no answer as **0**.
   c. Code C0500 Summary Score as **99** to indicate an incomplete interview.
4. Complete the Staff Assessment for Mental Status.

SLIDES	INSTRUCTIONAL GUIDANCE



Item C0600

Should the Staff Assessment be Conducted?

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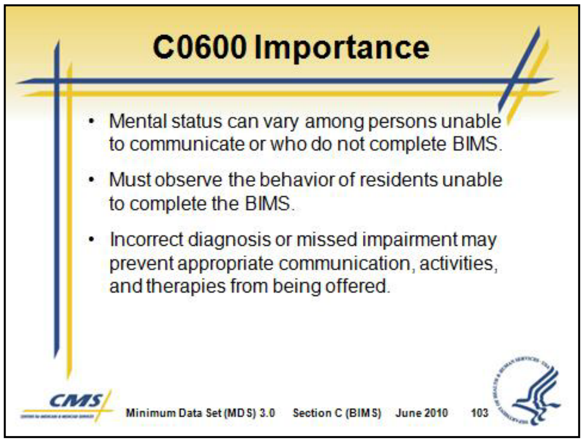
XIV. C0600 Should the Staff Assessment be Conducted?

A. The last component of the Section C interview is to indicate whether the BIMS interview was completed successfully and if the Staff Assessment for Mental Status should be conducted.



C0600 Importance

- Mental status can vary among persons unable to communicate or who do not complete BIMS.
- Must observe the behavior of residents unable to complete the BIMS.
- Incorrect diagnosis or missed impairment may prevent appropriate communication, activities, and therapies from being offered.

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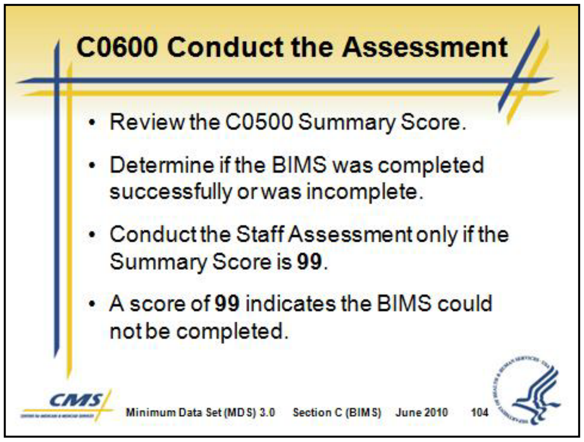
B. C0600 Importance

1. Mental status can vary among persons unable to communicate or who do not complete BIMS.
2. Must observe the behavior of residents unable to complete the BIMS.
3. Incorrect diagnosis or missed impairment may prevent appropriate communication, activities, and therapies from being offered.



C0600 Conduct the Assessment

- Review the C0500 Summary Score.
- Determine if the BIMS was completed successfully or was incomplete.
- Conduct the Staff Assessment only if the Summary Score is **99**.
- A score of **99** indicates the BIMS could not be completed.

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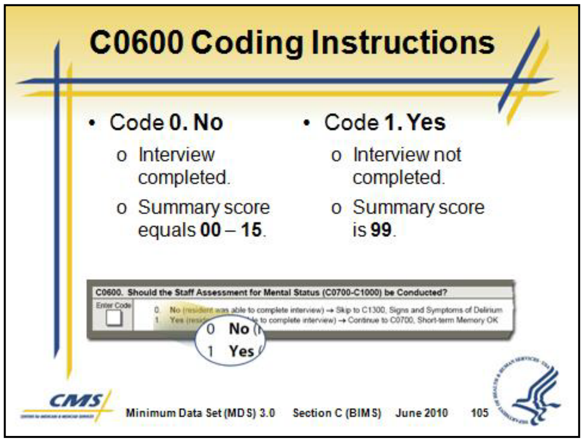
C. C0600 Conduct the Assessment

1. Review the C0500 Summary Score.
2. Determine if the BIMS was completed successfully or was incomplete.
3. Conduct the Staff Assessment only if the Summary Score is **99**.
4. A score of **99** indicates the BIMS could not be completed.

SLIDES	INSTRUCTIONAL GUIDANCE



C0600 Coding Instructions

- Code **0. No**
  - Interview completed.
  - Summary score equals **00 – 15**.
- Code **1. Yes**
  - Interview not completed.
  - Summary score is **99**.

C0600. Should the Staff Assessment for Mental Status (C0700-C1000) be Conducted?

Enter Code ☐

0. No (resident was able to complete interview) → Skip to C1300, Signs and Symptoms of Delirium
1. Yes (resid… le to complete interview) → Continue to C0700, Short-term Memory OK

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D. C0600 Coding Instructions

- **Code 0. No.**
  a. The BIMS is complete.
  b. C0500 Summary Score equals **00 – 15**.
  c. Do not complete the Staff Assessment for Mental Status.
  d. Skip to C1300 Signs and Symptoms of Delirium.

Emphasize skip pattern here.

- **Code 1. Yes.**
  a. The BIMS is incomplete.
  b. C0500 Summary Score equals **99**.
  c. Continue to C0700 and conduct the Section C Staff Assessment for Mental Status.

Summary

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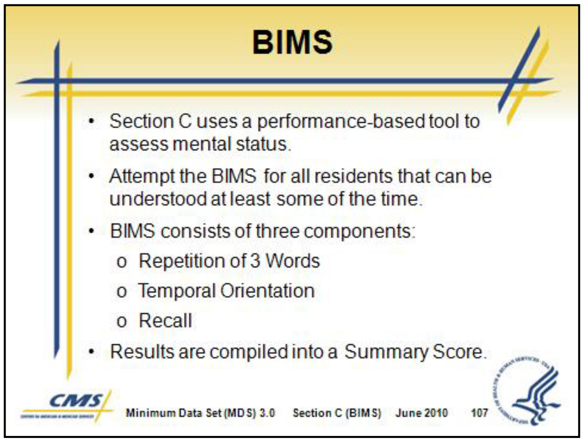
XV. Section C (Resident Interview) Summary

SLIDES	INSTRUCTIONAL GUIDANCE



BIMS

- Section C uses a performance-based tool to assess mental status.
- Attempt the BIMS for all residents that can be understood at least some of the time.
- BIMS consists of three components:
  - Repetition of 3 Words
  - Temporal Orientation
  - Recall
- Results are compiled into a Summary Score.

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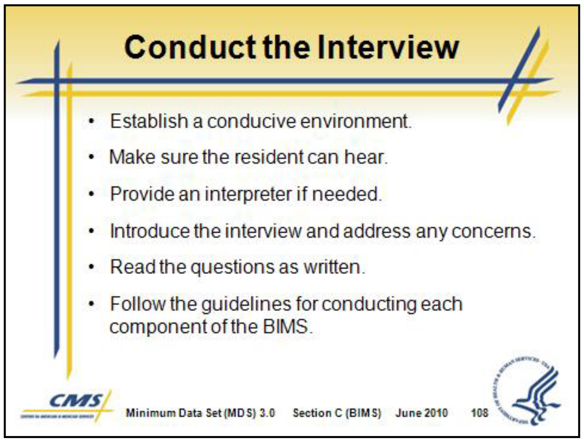
A. BIMS (Brief Interview for Mental Status)

1. Section C uses a performance-based tool to assess mental status.
2. Attempt to conduct the BIMS for all residents that can be understood at least some of the time.
3. BIMS consists of three components:
   a. Repetition of 3 Words
   b. Temporal Orientation
   c. Recall
4. Results of the BIMS are compiled into a Summary Score that is documented in C0500.



Conduct the Interview

- Establish a conducive environment.
- Make sure the resident can hear.
- Provide an interpreter if needed.
- Introduce the interview and address any concerns.
- Read the questions as written.
- Follow the guidelines for conducting each component of the BIMS.

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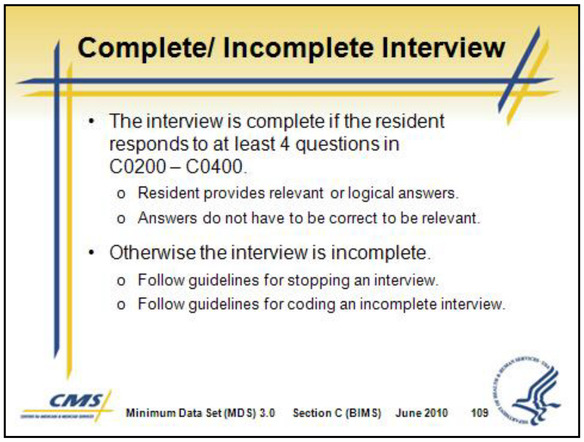
B. Conduct the Interview

1. Establish a conducive environment.
2. Make sure the resident can hear.
3. Provide an interpreter if needed.
4. Introduce the interview and address any concerns.
5. Read the questions as written.
6. Follow the guidelines for conducting each component of the BIMS.

SLIDES

INSTRUCTIONAL GUIDANCE



Complete/ Incomplete Interview

- The interview is complete if the resident responds to at least 4 questions in C0200 – C0400.
    - Resident provides relevant or logical answers.
    - Answers do not have to be correct to be relevant.
- Otherwise the interview is incomplete.
    - Follow guidelines for stopping an interview.
    - Follow guidelines for coding an incomplete interview.

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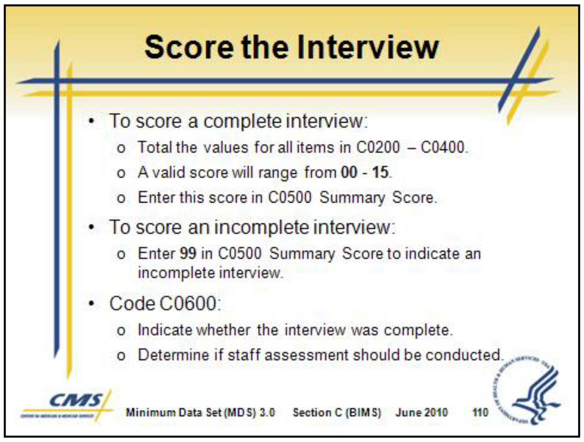
C. Complete/ Incomplete Interview

1. The interview is complete if the resident responds to at least 4 questions in C0200 – C0400.
2. Resident provides relevant or logical answers.
3. Answers do not have to be correct to be relevant.
4. Otherwise, the interview is incomplete.
5. Follow guidelines for stopping an interview.
6. Follow guidelines for coding an incomplete interview.



Score the Interview

- To score a complete interview:
    - Total the values for all items in C0200 – C0400.
    - A valid score will range from **00** - **15**.
    - Enter this score in C0500 Summary Score.
- To score an incomplete interview:
    - Enter **99** in C0500 Summary Score to indicate an incomplete interview.
- Code C0600:
    - Indicate whether the interview was complete.
    - Determine if staff assessment should be conducted.

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D. Score the Interview

1. To score a complete interview:
    a. Total the values for all items in C0200 – C0400.
    b. A valid score will range from **00** - **15**.
    c. Enter this score in C0500 Summary Score.
2. To score an incomplete interview:
    a. Enter **99** in C0500 Summary Score to indicate an incomplete interview.
3. Code C0600 as appropriate.
    a. Indicate whether the interview was complete.
    b. Determine if staff assessment should be conducted.