

# **Section C**

## **Cognitive Patterns (BIMS)**

# 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.

# Intent of Section C

- Determine resident's:
  - Attention
  - Orientation
  - 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.



# 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.



# 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.



# 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.

# 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.

# **Item C0100**

**Should Brief Interview for  
Mental Status be Conducted?**

# 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

# 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:**

0 No  
1 Yes → Specify in A1100B, Preferred language  
9 Unable to determine

# C0100 Coding Instructions

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

0 **No** (resident is rarely/never understood)  
1 **Yes** → Continue to C0200, Repetition of Three Words

## 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

**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.

# Conducting the Interview

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

# 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.

# 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).



**Item C0200**

**Repetition  
of Three Words**

# C0200 Repetition of Three Words

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

# C0200 Conduct the Assessment<sub>1</sub>

- 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).

# 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.

# C0200 Conduct the Assessment<sub>2</sub>

- 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.

# C0200 Conduct the Assessment<sub>3</sub>

- 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.

# C0200 Assessment Guidelines<sub>1</sub>

- 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.

# C0200 Assessment Guidelines<sub>2</sub>

- 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.

# C0200 Coding Instructions

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

**C0200. Repetition of Three Words**

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."

Enter Code

**Number of words repeated after first attempt**

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

After the resident's first attempt, ask: "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

# 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.”

# 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	Ask resident: <i>"I am going to say three words for you to remember. Please repeat the words after I have said all three. The words are: <b>sock, blue, and bed.</b> Now tell me the three words."</i>
	<b>Number of words repeated after first attempt</b> 0. None 1. One 2. Two 3. Three
<input type="text" value="3"/>	After the resident's first attempt, repeat the words using cues ( <i>"sock, something to wear; blue, a color; bed, a piece of furniture"</i> ). You may repeat the words up to two more times.

# 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.

# 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 <input type="text" value="0"/>	<p>Ask resident: <i>"I am going to say three words for you to remember. Please repeat the words after I have said all three. The words are: <b>sock, blue, and bed.</b> Now tell me the three words."</i></p> <p><b>Number of words repeated after first attempt</b></p> <ol style="list-style-type: none"><li>0. <b>None</b></li><li>1. <b>One</b></li><li>2. <b>Two</b></li><li>3. <b>Three</b></li></ol> <p>After the resident's first attempt, repeat the words using cues (<i>"sock, something to wear; blue, a color; bed, a piece of furniture"</i>). You may repeat the words up to two more times.</p>
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**Item C0200**

**Practice Activity**

# 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.”*

# How should C0200 be coded?

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

# 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.

# 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.

# How should C0200 be coded?

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

# 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.

# 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.”*

# How should C0200 be coded?

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

# C0200 Practice #3 Coding

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

# How should C0200 be coded?

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

# 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.

**Item C0300**

**Temporal Orientation**

# 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.

# 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 <input type="checkbox"/>	Ask resident: "Please tell me what year it is right now." <b>A. Able to report correct year</b> 0. Missed by > 5 years or no answer 1. Missed by 2-5 years 2. Missed by 1 year 3. Correct
Enter Code <input type="checkbox"/>	Ask resident: "Please tell me what year it is right now." <b>B. Able to report correct year</b> 0. Missed by > 5 years or no answer 1. Missed by 2-5 years 2. Missed by 1 year 3. Correct
Enter Code <input type="checkbox"/>	Ask resident: "Please tell me what year it is right now." <b>C. Able to report correct year</b> 0. Missed by > 5 years or no answer 1. Missed by 2-5 years 2. Missed by 1 year 3. Correct

# C0300A Coding Example

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

Enter Code	Ask resident: <i>"Please tell me what year it is right now."</i>
<input type="text" value="3"/>	<b>A. Able to report correct year</b>
	0. Missed by > 5 years or no answer
	1. Missed by 2-5 years
	2. Missed by 1 year
	3. Correct

# C0300B Coding: Month

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

C0300. Te	Ask resident: "What month are we in right now?"
Enter Code	<b>B. Able to report correct month</b>
<input type="checkbox"/>	0. Missed by > 1 month or no answer
<input type="checkbox"/>	1. Missed by 6 days to 1 month
<input type="checkbox"/>	2. Accurate within 5 days
<input type="checkbox"/>	3. Correct
Enter Code	Ask resident: "What month are we in right now?"
<input type="checkbox"/>	<b>B. Able to report correct month</b>
<input type="checkbox"/>	0. Missed by > 1 month or no answer
<input type="checkbox"/>	1. Missed by 6 days to 1 month
<input type="checkbox"/>	2. Accurate within 5 days
<input type="checkbox"/>	3. Correct
Enter Code	Ask resident: "What day of the week is today?"
<input type="checkbox"/>	<b>C. Able to report correct day of the week</b>
<input type="checkbox"/>	0. Incorrect or no answer
<input type="checkbox"/>	1. Correct

# 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	Ask resident: " <i>What month are we in right now?</i> "
<input type="text" value="2"/>	<b>B. Able to report correct month</b>
	0. <b>Missed by &gt; 1 month</b> or no answer
	1. <b>Missed by 6 days to 1 month</b>
	2. <b>Accurate within 5 days</b>

# C0300C Coding: Day

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

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

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

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

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

Enter Code  **C. Able to report correct day of the week**

0. Incorrect or no answer

1. Correct

0. Missed by

1. Missed by

2. Accurate within 5 days

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

Enter Code  **C. Able to report correct day of the week**

0. Incorrect or no answer

1. Correct

# 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	Ask resident: " <i>What day of the week is today?</i> "
<input type="text" value="1"/>	<b>C. Able to report correct day of the week</b>
	0. <b>Incorrect</b> or no answer
	1. <b>Correct</b>

**Item C0300**

**Practice Activity**

# 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.

# 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

# C0300 Practice #1 Coding

- The correct code is **1**. Missed by 2 – 5 years
- 2007 is within 2-5 years of 2010.

# 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.

# 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

# 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.

# 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.”*

# 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

# 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.

# 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.

# 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

# 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.

# 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.

# 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

# 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.

# 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.

# 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

# 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.

# 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.”*

# How should C0300C be coded?

- A. Code **0**. Incorrect or no answer
- B. Code **1**. Correct

# C0300 Practice #7 Coding

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

# 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.”*

# 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.

**Item C0400**

**Recall**

# 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.

# 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.

# 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.

# C0400 Coding Example

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

C0400. Recall	
Enter Code <b>2</b>	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; a <b>A. Able to recall "sock"</b> 0. No - could not recall 1. Yes, after cueing ("something to wear") 2. Yes, no cue required
Enter Code <b>1</b>	<b>B. Able to recall "blue"</b> 0. No - could not recall 1. Yes, after cueing ("a color") 2. Yes, no cue required
Enter Code <b>2</b>	<b>C. Able to recall "bed"</b> 0. No - could not recall 1. Yes, after cueing ("a piece of furniture") 2. Yes, no cue required

# **C0400 Recall**

## **Practice Activity**

# 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.”*

# 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

# 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.

# 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."*

# 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*.

# 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.

**Item C0500**

**Summary Score**

# 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.

# 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

# 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

# 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.

# C0500 Example

- The resident's scores on items C0200 – C0400 were as follows:

o (C0200) Repetition	3
o (C0300a) Year	2
o (C0300b) Month	2
o (C0300c) Day	1
o (C0400a) Recall "sock"	2
o (C0400b) recall "blue"	2
o (C0400c) recall "bed"	0
- The resident's summary score is **12**.

**Item C0500**

**Complete/ Incomplete  
Interview**

# 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.

# 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.

# Incomplete Interview Guidelines<sub>1</sub>

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

# Incomplete Interview Guidelines<sub>2</sub>

- 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.

# Incomplete Interview Coding Instructions<sub>1</sub>

- 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.

# Incomplete Interview Coding Instructions<sub>1</sub>

- 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.

# **Item C0600**

**Should the Staff  
Assessment 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.

# 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.

# C0600 Coding Instructions

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

<b>C0600. Should the Staff Assessment for Mental Status (C0700-C1000) be Conducted?</b>	
Enter Code <input type="checkbox"/>	0. No (resident was able to complete interview) → Skip to C1300, Signs and Symptoms of Delirium 1. Yes (resident was unable to complete interview) → Continue to C0700, Short-term Memory OK

0 No ( )  
1 Yes ( )

# **Section C (Resident Interview)**

## **Summary**

# 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.

# 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.

# 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.

# 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.