



IRF and LTCH Virtual Training Program – Part 2

Section C: Cognitive Patterns Workshop

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Section C: Intent

- The intent of items in Section C. Cognitive Patterns is to determine the patient's attention, orientation, and ability to register and recall new information, and if the patient has signs and symptoms of delirium.
- The Section C items for this coding workshop include:
 - C100. Should Brief Interview for Mental Status (C0200-C0500) Be Conducted?
 - C0200-C0500. Brief Interview for Mental Status (BIMS).
 - C1310. Signs and Symptoms of Delirium (from CAM®).



C0100. Should Brief Interview for Mental Status (C0200–C0500) be Conducted?

C0100: Coding Instructions



- **Code 0. No**, if the interview should not be conducted because:
 - The patient is rarely/never understood.
 - The patient cannot respond verbally, in writing, or using another method.
 - An interpreter is needed but not available.
 - Skip items C0200–C0500.
- **Code 1. Yes**, if the interview should be conducted because:
 - The patient can be understood verbally, in writing, or using another method and an interpreter is available, if needed.
 - Proceed to C0200, Repetition of Three Words.



C0100: Practice Scenario 1

After a short acute care hospital stay, a patient is admitted to your post-acute care (PAC) facility. They cannot speak and they communicate using sign language. They appear to be withdrawn when asked questions. A sign language interpreter is available to assist with communication. Using the interpreter, you find that the patient consistently understands your questions and directions, though sometimes the patient is hesitant to respond.





How would you code C0100 for this patient?

- A. Code 0. No, as the patient cannot express themselves verbally.
- B. Code 1. Yes, as the patient (using an interpreter) can be understood.
- C. Use a dash, as the patient is withdrawn and hesitant to respond to questions.



How would you code C0100 for this patient?



- A. Code 0. No, as the patient cannot express themselves verbally.
- B. Code 1. Yes, as the patient (using an interpreter) can be understood.**
- C. Use a dash, as the patient is withdrawn and hesitant to respond to questions.



Practice Scenario 1 – Rationale

Answer: The answer is B, **Code 1. Yes**, as the patient (using an interpreter) can be understood.

Rationale: The patient required an interpreter to communicate, and one was available. When communicating with the interpreter, the patient was understood.

C0200–C0500. Brief Interview for Mental Status (BIMS)

C0200–C0500: BIMS Steps for Assessment

1. Interview any patient not screened out by item C0100. *Should Brief Interview for Mental Status be Conducted?*
2. Conduct the interview in a private setting, if possible.
3. Be sure the patient can hear you.
4. Sit so the patient can see your face.
5. Provide an introduction before starting the 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.”*
6. If the patient expresses concern that you are testing their memory, reply: *“We ask these questions of everyone so we can make sure that our care will meet your needs.”*
7. Directly ask the patient each item in C0200 through C0400 in one sitting and in the order provided.
8. If the patient chooses not to answer an item, accept their refusal and move on to the next question.

C0200–C0500 BIMS: Practice Scenario 2



A nurse is preparing to perform the BIMS interview on a patient after completing the screening question C0100. The nurse finds a private setting and ensures that the patient can hear. They sit in front of the patient, telling the patient that they need to complete a mental status interview. The patient expresses concern that their memory is being tested. The nurse explains that this interview is conducted with all patients admitted to the facility. The nurse asks the patient the questions in the order listed; however, the patient expresses hesitancy and refuses to answer some of the questions. In response, the nurse accepts the refusal and moves on to the next question to complete the interview.




What step for assessment was not completed by the clinician?

- A. Asking the patient to use the bathroom before starting the interview to minimize interruptions.
- B. Providing an introduction to set the tone and help the patient understand the interview.
- C. Addressing the patient's fears about their memory being tested.
- D. Restating the questions and exploring the patient's hesitancy to answer some of the questions.





What step for assessment was not completed by the clinician?

- A. Asking the patient to use the bathroom before starting the interview to minimize interruptions.
-  **B. Providing an introduction to set the tone and help the patient understand the interview.**
- C. Addressing the patient's fears about their memory being tested.
- D. Restating the questions and exploring the patient's hesitancy to answer some of the questions.

C0200–C0500 BIMS: Practice Scenario 2 – Rationale

- **Answer:** The correct answer is **B. Providing an introduction to set the tone and help the patient understand the interview.**
- **Rationale:** The nurse told the patient that they need to complete a mental status interview but did not provide an introduction to the assessment. The steps for assessment do not include an explanation regarding bathroom use to minimize interruption. As the patient refused to answer some of the questions, the nurse responded appropriately by accepting their refusal and moving on to the next question. The nurse did address the patient's fears about having their memory tested.

C0200–C0500

Video Practice Coding Scenario

Mr. Crocker

BIMS Video – Practice Coding Activity

Activity Instructions:

- Let's watch a few short video segments of the BIMS assessment for Mr. Crocker.
- As you watch the video, code C0200–C0500 of the BIMS assessment.
 - Reflect on Mr. Crocker's responses to help answer the coding scenario questions.
- Coding answers and rationale will be reviewed.

Note: For training purposes, we will be using the LCDS data set items. The IRF-PAI versions are essentially the same, with coding responses in the reverse order.





How would you code C0200. Repetition of Three Words for Mr. Crocker?

Brief Interview for Mental Status (BIMS)	
C0200. Repetition of Three Words	
<div>Enter Code</div> <div> <input type="text"/> </div>	<div>Ask patient: <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: sock, blue, and bed. Now tell me the three words."</i></div> <div>Number of words repeated after first attempt</div> <div> <div>0. None</div> <div>1. One</div> <div>2. Two</div> <div>3. Three</div> </div> <div>After the patient'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.</div>

How would you code C0200. Repetition of Three Words for Mr. Crocker?

Brief Interview for Mental Status (BIMS)	
C0200. Repetition of Three Words	
<div>Enter Code</div> <div>3</div>	<p>Ask patient: <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: sock, blue, and bed. Now tell me the three words."</i></p> <p>Number of words repeated after first attempt</p> <ul style="list-style-type: none"> 0. None 1. One 2. Two 3. Three <p>After the patient'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>

C0200. Repetition of Three Words – Coding Rationale

Coding: C0200. Repetition of Three Words would be coded as, 3. Three.

Rationale: Mr. Crocker stated all three words as a question. This was his first attempt. The way the words are stated by the patient does not affect the coding.

C0300. Temporal Orientation – Practice Scenario 4

- The next part of the scenario demonstrates the nurse assessing Mr. Crocker on his temporal orientation.





How would you code C0300. Temporal Orientation for Mr. Crocker?

C0300. Temporal Orientation (orientation to year, month, and day)	
Enter Code <input type="checkbox"/>	Ask patient: <i>"Please tell me what year it is right now."</i> 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
Enter Code <input type="checkbox"/>	Ask patient: <i>"What month are we in right now?"</i> 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
Enter Code <input type="checkbox"/>	Ask patient: <i>"What day of the week is today?"</i> C. Able to report correct day of the week 0. Incorrect or no answer 1. Correct



How would you code C0300. Temporal Orientation for Mr. Crocker?

C0300. Temporal Orientation (orientation to year, month, and day)	
Enter Code <div>3</div>	Ask patient: <i>"Please tell me what year it is right now."</i> 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
Enter Code <div></div>	Ask patient: <i>"What month are we in right now?"</i> 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
Enter Code <div></div>	Ask patient: <i>"What day of the week is today?"</i> C. Able to report correct day of the week 0. Incorrect or no answer 1. Correct



How would you code C0300. Temporal Orientation for Mr. Crocker?

C0300. Temporal Orientation (orientation to year, month, and day)	
Enter Code <div>3</div>	Ask patient: <i>"Please tell me what year it is right now."</i> 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
Enter Code <div>2</div>	Ask patient: <i>"What month are we in right now?"</i> 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
Enter Code <div></div>	Ask patient: <i>"What day of the week is today?"</i> C. Able to report correct day of the week 0. Incorrect or no answer 1. Correct



How would you code C0300. Temporal Orientation for Mr. Crocker?

C0300. Temporal Orientation (orientation to year, month, and day)	
Enter Code <div>3</div>	Ask patient: <i>"Please tell me what year it is right now."</i> 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
Enter Code <div>2</div>	Ask patient: <i>"What month are we in right now?"</i> 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
Enter Code <div>0</div>	Ask patient: <i>"What day of the week is today?"</i> C. Able to report correct day of the week 0. Incorrect or no answer 1. Correct



C0300. Temporal Orientation – Coding Rationale

- The correct code for **C0300A. Able to report correct year** would be **3. Correct**, as Mr. Crocker reported the year to be 2020.
- The correct code for **C0300B. Able to report correct month** would be **2. Accurate within 5 days**. Mr. Crocker reported that the month is February. He correctly reported the month within 5 days, even though the correct month is March. March 2 minus 5 days would be February 27.
- The correct code for **C0300C. Able to report correct day of the week** would be **0. Incorrect or no answer**. Mr. Crocker responded that the day of the week was “Saturday or Sunday.” As the day of the interview was Monday, March 2, this would be an incorrect response.

C0400. Recall – Practice Scenario 5

- This final segment of video shows the nurse assessing Mr. Crocker for his recall ability.





How would you code C0400A. Recall for Mr. Crocker?

C0400. Recall	
Enter Code <input type="checkbox"/>	<p>Ask patient: <i>"Let's go back to an earlier question. What were those three words that I asked you to repeat?"</i> If unable to remember a word, give cue (something to wear; a color; a piece of furniture) for that word.</p> <p>A. Able to recall "sock"</p> <ul style="list-style-type: none">0. No - could not recall1. Yes, after cueing ("something to wear")2. Yes, no cue required
Enter Code <input type="checkbox"/>	<p>B. Able to recall "blue"</p> <ul style="list-style-type: none">0. No - could not recall1. Yes, after cueing ("a color")2. Yes, no cue required
Enter Code <input type="checkbox"/>	<p>C. Able to recall "bed"</p> <ul style="list-style-type: none">0. No - could not recall1. Yes, after cueing ("a piece of furniture")2. Yes, no cue required



How would you code C0400B. Recall for Mr. Crocker?

C0400. Recall	
Enter Code <div style="border: 1px solid black; background-color: yellow; padding: 2px; display: inline-block;">1</div>	<p>Ask patient: <i>"Let's go back to an earlier question. What were those three words that I asked you to repeat?"</i> If unable to remember a word, give cue (something to wear; a color; a piece of furniture) for that word.</p> <p>A. Able to recall "sock"</p> <ul style="list-style-type: none"> 0. No - could not recall 1. Yes, after cueing ("something to wear") 2. Yes, no cue required
Enter Code <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<p>B. Able to recall "blue"</p> <ul style="list-style-type: none"> 0. No - could not recall 1. Yes, after cueing ("a color") 2. Yes, no cue required
Enter Code <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<p>C. Able to recall "bed"</p> <ul style="list-style-type: none"> 0. No - could not recall 1. Yes, after cueing ("a piece of furniture") 2. Yes, no cue required

How would you code C0400C. Recall for Mr. Crocker?

C0400. Recall	
Enter Code <div>1</div>	<p>Ask patient: <i>"Let's go back to an earlier question. What were those three words that I asked you to repeat?"</i> If unable to remember a word, give cue (something to wear; a color; a piece of furniture) for that word.</p> <p>A. Able to recall "sock"</p> <ul style="list-style-type: none"> 0. No - could not recall 1. Yes, after cueing ("something to wear") 2. Yes, no cue required
Enter Code <div>2</div>	<p>B. Able to recall "blue"</p> <ul style="list-style-type: none"> 0. No - could not recall 1. Yes, after cueing ("a color") 2. Yes, no cue required
Enter Code <div></div>	<p>C. Able to recall "bed"</p> <ul style="list-style-type: none"> 0. No - could not recall 1. Yes, after cueing ("a piece of furniture") 2. Yes, no cue required

How would you code C0400. Recall for Mr. Crocker?

C0400. Recall	
Enter Code <div>1</div>	<p>Ask patient: <i>"Let's go back to an earlier question. What were those three words that I asked you to repeat?"</i> If unable to remember a word, give cue (something to wear; a color; a piece of furniture) for that word.</p> <p>A. Able to recall "sock"</p> <ul style="list-style-type: none"> 0. No - could not recall 1. Yes, after cueing ("something to wear") 2. Yes, no cue required
Enter Code <div>2</div>	<p>B. Able to recall "blue"</p> <ul style="list-style-type: none"> 0. No - could not recall 1. Yes, after cueing ("a color") 2. Yes, no cue required
Enter Code <div>2</div>	<p>C. Able to recall "bed"</p> <ul style="list-style-type: none"> 0. No - could not recall 1. Yes, after cueing ("a piece of furniture") 2. Yes, no cue required

C0400. Recall – Coding Rationale

- The correct code for **C0400A. Able to recall “sock”** would be **1. Yes, after cueing (“something to wear”)**. Mr. Crocker reported that he could not remember that word and a cue was provided. After hearing the cue, Mr. Crocker correctly stated the word “sock.”
- The correct code for **C0400B. Able to recall “blue”** would be **2. Yes, no cue required**. Mr. Crocker reported the word “blue” when asked to recall the three words.
- The correct code for **C0400C. Able to recall “bed”** would be **2. Yes, no cue required**. Mr. Crocker reported the word “bed” when asked to recall the three words.

C0500. BIMS Summary Score – Practice Scenario 6

Mr. Crocker's responses were coded as the following:

- C0200 = 3.
- C0300A = 3.
- C0300B = 2.
- C0300C = 0.
- C0400A = 1.
- C0400B = 2.
- C0400C = 2.



Q⁶ What is Mr. Crocker's BIMS Summary Score?

- A. The Summary Score was 13.
- B. The Summary Score was 8.
- C. The Summary Score was 15.
- D. The Summary Score was 11.



What is Mr. Crocker's BIMS Summary Score?



A. The Summary Score was 13.

B. The Summary Score was 8.

C. The Summary Score was 15.

D. The Summary Score was 11.

C0500. BIMS Summary Score – Coding Rationale

C0200 = 3.
C0300A = 3.
C0300B = 2.
C0300C = 0.
C0400A = 1.
C0400B = 2.
C0400C = 2.

Total = 13

Based on Mr. Crocker’s responses,
the BIMS Summary Score is 13.

C0500. BIMS Summary Score	
Enter Score	Add scores for questions C0200-C0400 and fill in total score (00-15) Enter 99 if the patient was unable to complete the interview
13	



Video Coding Scenario for BIMS and C1310 Signs and Symptoms of Delirium (from CAM[®])

BIMS/C1310 Video – Practice Coding Scenario

Instructions

- Let's watch a video coding scenario of Mr. Miller.
- As you watch code **C0200–C0500** of the **BIMS** assessment and **C1310A–C1310D** of the **CAM**® using the item sets provided.
 - Reflect and take notes on Mr. Miller's responses to help answer the coding scenario questions.
- Coding answers and rationale will be reviewed.

Remember:

You should observe the patient's behavior during the BIMS assessment in order to code C1310. Signs and Symptoms of Delirium.



Mr. Miller

- Mr. Miller has been newly admitted to a PAC facility.
 - A nurse is completing Section C of an admission assessment that includes C0200–C0500 and C1310.
- The scenario begins with Mrs. Miller confiding in the nurse regarding some concerns she has about her husband, Henry.
- The scenario continues with the nurse conducting an interview to collect data to inform both the BIMS and CAM[©].





Tuesday, March 10, 2020

Mr. Miller

Coding the BIMS

How would you code C0200. Repetition of Three Words for Mr. Miller?

Brief Interview for Mental Status (BIMS)	
C0200. Repetition of Three Words	
<div>Enter Code</div> <div> <input type="text"/> </div>	<div>Ask patient: <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: sock, blue, and bed. Now tell me the three words."</i></div> <div>Number of words repeated after first attempt</div> <div> <div>0. None</div> <div>1. One</div> <div>2. Two</div> <div>3. Three</div> </div> <div>After the patient'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.</div>

How would you code C0200. Repetition of Three Words for Mr. Miller?

Brief Interview for Mental Status (BIMS)	
C0200. Repetition of Three Words	
<div>Enter Code</div> <div>3</div>	<p>Ask patient: <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: sock, blue, and bed. Now tell me the three words."</i></p> <p>Number of words repeated after first attempt</p> <ul style="list-style-type: none"> 0. None 1. One 2. Two 3. Three <p>After the patient'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>

C0200. Repetition of Three Words – Coding Rationale

Coding: The correct coding of **C0200. Repetition of Three Words** is **3. Three**.

Rationale: Mr. Miller repeated all three words on the first attempt. The order of the repetition does not affect the score.



How would you code C0300A. Able to report correct year for Mr. Miller?

<p>Enter Code</p> <div></div>	<p>Ask patient: <i>"Please tell me what year it is right now."</i></p> <p>A. Able to report correct year</p> <ul style="list-style-type: none">0. Missed by > 5 years or no answer1. Missed by 2-5 years2. Missed by 1 year3. Correct
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How would you code C0300A. Able to report correct year for Mr. Miller?

Enter Code	Ask patient: <i>"Please tell me what year it is right now."</i>
<div>1</div>	<div>A. Able to report correct year<ul style="list-style-type: none">0. Missed by > 5 years or no answer1. Missed by 2-5 years2. Missed by 1 year3. Correct</div>



C0300A. Able to Report Correct Year – Coding Rationale

Coding: The correct code for **C0300A. Able to report correct year** would be **1. Missed by 2–5 years.**

Rationale: Mr. Miller reported the year to be 2016, which is within 2–5 years of 2020.



How would you code C0300B. Able to report correct month for Mr. Miller?

C0300. Temporal Orientation (orientation to year, month, and day)	
Enter Code <div></div>	Ask patient: <i>"What month are we in right now?"</i> 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



How would you code C0300B. Able to report correct month for Mr. Miller?

C0300. Temporal Orientation (orientation to year, month, and day)	
Enter Code	Ask patient: <i>"What month are we in right now?"</i>
<div>0</div>	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



C0300B. Able to Report Correct Month – Coding Rationale

Coding: The correct code for **C0300B. Able to Report Correct Month**, would be **0. Missed by >1 month or no answer.**

Rationale: Mr. Miller did not report a month. He reported the season.

How would you code C0300C. Able to report correct day of the week for Mr. Miller?

<p>Enter Code</p> <div></div>	<p>Ask patient: <i>"What day of the week is today?"</i></p> <p>C. Able to report correct day of the week</p> <p>0. Incorrect or no answer</p> <p>1. Correct</p>
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How would you code C0300C. Able to report correct day of the week for Mr. Miller?

Enter Code	Ask patient: <i>"What day of the week is today?"</i>
<div>1</div>	C. Able to report correct day of the week 0. Incorrect or no answer 1. Correct



C0300C. Able to Report Correct Day of the Week – Coding Rationale

Coding: The correct code for **C0300C. Able to report correct day of the week**, would be **1. Correct**.

Rationale: Mr. Miller reported it was Tuesday (an accurate report) after looking at the newspaper.

C0300. Temporal Orientation – Coding for Mr. Miller

C0300. Temporal Orientation (orientation to year, month, and day)	
Enter Code 1	Ask patient: <i>"Please tell me what year it is right now."</i> 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
Enter Code 0	Ask patient: <i>"What month are we in right now?"</i> 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
Enter Code 1	Ask patient: <i>"What day of the week is today?"</i> C. Able to report correct day of the week 0. Incorrect or no answer 1. Correct

How would you code C0400A. Able to recall “sock” for Mr. Miller?

<p>Enter Code</p> <div></div>	<p>Ask patient: <i>“Let’s go back to an earlier question. What were those three words that I asked you to repeat?”</i> If unable to remember a word, give cue (something to wear; a color; a piece of furniture) for that word.</p> <p>A. Able to recall “sock”</p> <ul style="list-style-type: none">0. No - could not recall1. Yes, after cueing (“something to wear”)2. Yes, no cue required
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How would you code C0400A. Able to recall “sock” for Mr. Miller?

<p>Enter Code</p> <div>1</div>	<p>Ask patient: <i>“Let’s go back to an earlier question. What were those three words that I asked you to repeat?”</i> If unable to remember a word, give cue (something to wear; a color; a piece of furniture) for that word.</p> <p>A. Able to recall “sock”</p> <ul style="list-style-type: none">0. No - could not recall1. Yes, after cueing (“something to wear”)2. Yes, no cue required
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C0400A. Able to Recall “Sock” – Coding Rationale

Coding: The correct code for **C0400A. Able to recall “sock”** would be **1. Yes**, after cueing (“something to wear”).

Rationale: Mr. Miller recalled the word “sock” after the nurse provided cueing (“something to wear”).

How would you code C0400B. Able to recall “blue” for Mr. Miller?

<p>Enter Code</p> <div></div>	<p>B. Able to recall “blue”</p> <p>0. No - could not recall</p> <p>1. Yes, after cueing (“a color”)</p> <p>2. Yes, no cue required</p>
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How would you code C0400B. Able to recall “blue” for Mr. Miller?

<p>Enter Code</p> <div>0</div>	<p>B. Able to recall “blue”</p> <p>0. No - could not recall</p> <p>1. Yes, after cueing (“a color”)</p> <p>2. Yes, no cue required</p>
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C0400B. Able to Recall “Blue” – Coding Rationale

Coding: The correct code for **C0400B. Able to Recall “Blue”** would be **0. No – could not recall.**

Rationale: After providing a categorical cue, Mr. Miller stated the correct word in a series of words. However, this would be considered an incorrect response as Mr. Miller named multiple items in the category, even though the correct word was said within the series of words.

How would you code C0400C. Able to recall “bed” for Mr. Miller?

<p>Enter Code</p> <div></div>	<p>C. Able to recall “bed”</p> <p>0. No - could not recall</p> <p>1. Yes, after cueing (“a piece of furniture”)</p> <p>2. Yes, no cue required</p>
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How would you code C0400C. Able to recall “bed” for Mr. Miller?

<p>Enter Code</p> <div>2</div>	<p>C. Able to recall “bed”</p> <p>0. No - could not recall</p> <p>1. Yes, after cueing (“a piece of furniture”)</p> <p>2. Yes, no cue required</p>
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C0400C. Able to Recall “Bed” – Coding Rationale

Coding: The correct code for **C0400C. Able to Recall “Bed”** would be **2. Yes, no cue required.**

Rationale: Mr. Miller recalled the word without the need for a categorical cue.

C0400. Recall – Coding for Mr. Miller

C0400. Recall	
Enter Code 1	<p>Ask patient: <i>“Let’s go back to an earlier question. What were those three words that I asked you to repeat?”</i> If unable to remember a word, give cue (something to wear; a color; a piece of furniture) for that word.</p> <p>A. Able to recall “sock”</p> <ul style="list-style-type: none">0. No - could not recall1. Yes, after cueing (“something to wear”)2. Yes, no cue required
Enter Code 0	<p>B. Able to recall “blue”</p> <ul style="list-style-type: none">0. No - could not recall1. Yes, after cueing (“a color”)2. Yes, no cue required
Enter Code 2	<p>C. Able to recall “bed”</p> <ul style="list-style-type: none">0. No - could not recall1. Yes, after cueing (“a piece of furniture”)2. Yes, no cue required

C0200–C0400. BIMS Coding for Mr. Miller

Mr. Miller's responses were coded as the following:

- C0200 = 3.
- C0300A = 1.
- C0300B = 0.
- C0300C = 1.
- C0400A = 1.
- C0400B = 0.
- C0400C = 2.

Q₁₄

What is Mr. Miller's BIMS Summary Score?

C0500. BIMS Summary Score	
<div>Enter Score</div> <div><div></div><div></div></div>	<p>Add scores for questions C0200-C0400 and fill in total score (00-15)</p> <p>Enter 99 if the patient was unable to complete the interview</p>



Q₁₄

What is Mr. Miller's BIMS Summary Score?

C0500. BIMS Summary Score	
<div>Enter Score</div> <div>08</div>	<p>Add scores for questions C0200-C0400 and fill in total score (00-15)</p> <p>Enter 99 if the patient was unable to complete the interview</p>



C0500. BIMS Summary Score – Coding Rationale

C0200	=	3.
C0300A	=	1.
C0300B	=	0.
C0300C	=	1.
C0400A	=	1.
C0400B	=	0.
C0400C	=	2.
<hr/>		
Total	=	8

By adding the values of **C0200–C0400**, the **BIMS Summary Score** for Mr. Miller would be **8**.

Mr. Miller

Coding C1310. Signs and Symptoms of Delirium (from CAM[©])

How would you code C1310A. Acute Onset Mental Status Change for Mr. Miller?

A. Acute Onset Mental Status Change	
Enter Code <input type="text"/>	Is there evidence of an acute change in mental status from the patient's baseline? 0. No 1. Yes



How would you code C1310A. Acute Onset Mental Status Change for Mr. Miller?

A. Acute Onset Mental Status Change	
Enter Code	Is there evidence of an acute change in mental status from the patient's baseline?
1	0. No 1. Yes



C1310A. Acute Onset Mental Status Change – Coding Rationale

Coding: The correct code for **C1310A. Acute Onset Mental Status Change**, would be **1. Yes**.

Rationale: Mr. Miller demonstrated behaviors that signal an acute change in mental status. Based on his wife's report, these behaviors are new and represent a change from baseline.

How would you code C1310B. Inattention for Mr. Miller?

Coding:	Enter Code in Boxes	
	↓	
	<input type="checkbox"/>	B. Inattention – Did the patient have difficulty focusing attention, for example, being easily distractible or having difficulty keeping track of what was being said?
	<input type="checkbox"/>	C. Disorganized thinking – Was the patient’s thinking disorganized or incoherent (rambling or irrelevant conversation, unclear or illogical flow of ideas, or unpredictable switching from subject to subject)?
0. Behavior not present	<input type="checkbox"/>	D. Altered level of consciousness - Did the patient have altered level of consciousness as indicated by any of the following criteria? <ul style="list-style-type: none">▪ vigilant – startled easily to any sound or touch▪ lethargic – repeatedly dozed off when being asked questions, but responded to voice or touch▪ stuporous – very difficult to arouse and keep aroused for the interview▪ comatose – could not be aroused
1. Behavior continuously present, does not fluctuate	<input type="checkbox"/>	
2. Behavior present, fluctuates (comes and goes, changes in severity)	<input type="checkbox"/>	



How would you code C1310B. Inattention for Mr. Miller?

Coding: 0. Behavior not present 1. Behavior continuously present, does not fluctuate 2. Behavior present, fluctuates (comes and goes, changes in severity)	↓	Enter Code in Boxes
	<div>2</div>	B. Inattention – Did the patient have difficulty focusing attention, for example, being easily distractible or having difficulty keeping track of what was being said?
	<div></div>	C. Disorganized thinking – Was the patient’s thinking disorganized or incoherent (rambling or irrelevant conversation, unclear or illogical flow of ideas, or unpredictable switching from subject to subject)?
	<div></div>	D. Altered level of consciousness - Did the patient have altered level of consciousness as indicated by any of the following criteria? <ul style="list-style-type: none">▪ vigilant – startled easily to any sound or touch▪ lethargic – repeatedly dozed off when being asked questions, but responded to voice or touch▪ stuporous – very difficult to arouse and keep aroused for the interview▪ comatose – could not be aroused



C1310B. Inattention – Coding Rationale

Coding: The correct code for **C1310B. Inattention**, would be **2. Behavior present, fluctuates.**

Rationale: Mr. Miller demonstrated difficulty focusing attention and keeping track of what was said. Based on his wife's report, these behaviors are new and represent a change from baseline.

How would you code C1310C. Disorganized Thinking for Mr. Miller?

Coding:	↓ Enter Code in Boxes	
	<div>2</div>	B. Inattention – Did the patient have difficulty focusing attention, for example, being easily distractible or having difficulty keeping track of what was being said?
	<div></div>	C. Disorganized thinking – Was the patient’s thinking disorganized or incoherent (rambling or irrelevant conversation, unclear or illogical flow of ideas, or unpredictable switching from subject to subject)?
	<div></div>	D. Altered level of consciousness - Did the patient have altered level of consciousness as indicated by any of the following criteria? <ul style="list-style-type: none">▪ vigilant – startled easily to any sound or touch▪ lethargic – repeatedly dozed off when being asked questions, but responded to voice or touch▪ stuporous – very difficult to arouse and keep aroused for the interview▪ comatose – could not be aroused
0. Behavior not present		
1. Behavior continuously present, does not fluctuate		
2. Behavior present, fluctuates (comes and goes, changes in severity)		



How would you code C1310C. Disorganized Thinking for Mr. Miller?

Coding:	↓ Enter Code in Boxes	
	<div>2</div>	B. Inattention – Did the patient have difficulty focusing attention, for example, being easily distractible or having difficulty keeping track of what was being said?
	<div>2</div>	C. Disorganized thinking – Was the patient’s thinking disorganized or incoherent (rambling or irrelevant conversation, unclear or illogical flow of ideas, or unpredictable switching from subject to subject)?
	<div></div>	D. Altered level of consciousness - Did the patient have altered level of consciousness as indicated by any of the following criteria? <ul style="list-style-type: none">▪ vigilant – startled easily to any sound or touch▪ lethargic – repeatedly dozed off when being asked questions, but responded to voice or touch▪ stuporous – very difficult to arouse and keep aroused for the interview▪ comatose – could not be aroused



C1310C. Disorganized Thinking – Coding Rationale

Coding: The correct code for **C1310C. Disorganized thinking**, would be **2, Behavior present, fluctuates.**

Rationale: Mr. Miller demonstrated disorganized thinking, including irrelevant conversation and switching from subject to subject. Based on his wife's report, these behaviors are new and represent a change from baseline.

Q18

How would you code C1310D. Altered Level of Consciousness for Mr. Miller?

Coding:	Enter Code in Boxes	
	↓	
	<div>2</div>	B. Inattention – Did the patient have difficulty focusing attention, for example, being easily distractible or having difficulty keeping track of what was being said?
	<div>2</div>	C. Disorganized thinking – Was the patient’s thinking disorganized or incoherent (rambling or irrelevant conversation, unclear or illogical flow of ideas, or unpredictable switching from subject to subject)?
0. Behavior not present 1. Behavior continuously present, does not fluctuate 2. Behavior present, fluctuates (comes and goes, changes in severity)	<div></div>	D. Altered level of consciousness - Did the patient have altered level of consciousness as indicated by any of the following criteria? <ul style="list-style-type: none"> ▪ vigilant – startled easily to any sound or touch ▪ lethargic – repeatedly dozed off when being asked questions, but responded to voice or touch ▪ stuporous – very difficult to arouse and keep aroused for the interview ▪ comatose – could not be aroused



Q18

How would you code C1310D. Altered Level of Consciousness for Mr. Miller?

Coding:	Enter Code in Boxes	
	↓	
	2	B. Inattention – Did the patient have difficulty focusing attention, for example, being easily distractible or having difficulty keeping track of what was being said?
	2	C. Disorganized thinking – Was the patient’s thinking disorganized or incoherent (rambling or irrelevant conversation, unclear or illogical flow of ideas, or unpredictable switching from subject to subject)?
2. Behavior present, fluctuates (comes and goes, changes in severity)	0	D. Altered level of consciousness - Did the patient have altered level of consciousness as indicated by any of the following criteria? <ul style="list-style-type: none"> ▪ vigilant – startled easily to any sound or touch ▪ lethargic – repeatedly dozed off when being asked questions, but responded to voice or touch ▪ stuporous – very difficult to arouse and keep aroused for the interview ▪ comatose – could not be aroused



C1310D. Altered Level of Consciousness – Coding Rationale

Coding: The correct code for **C1310D. Altered level of consciousness**, would be **0, Behavior not present**.

Rationale: Mr. Miller did not demonstrate any symptoms of vigilance, lethargy, stupor, or comatose behavior during the assessment.

C1310. Signs and Symptoms of Delirium – Coding for Mr. Miller

C1310. Signs and Symptoms of Delirium (from CAM®)		
Code after completing the Brief Interview for Mental Status or Staff Assessment and reviewing medical record.		
A. Acute Onset Mental Status Change		
Enter Code	Is there evidence of an acute change in mental status from the patient's baseline?	
<div>1</div>	0. No 1. Yes	
Coding: 0. Behavior not present 1. Behavior continuously present, does not fluctuate 2. Behavior present, fluctuates (comes and goes, changes in severity)	↓	Enter Code in Boxes
	<div>2</div>	B. Inattention – Did the patient have difficulty focusing attention, for example, being easily distractible or having difficulty keeping track of what was being said?
	<div>2</div>	C. Disorganized thinking – Was the patient's thinking disorganized or incoherent (rambling or irrelevant conversation, unclear or illogical flow of ideas, or unpredictable switching from subject to subject)?
	<div>0</div>	D. Altered level of consciousness - Did the patient have altered level of consciousness as indicated by any of the following criteria? <ul style="list-style-type: none"> ▪ vigilant – startled easily to any sound or touch ▪ lethargic – repeatedly dozed off when being asked questions, but responded to voice or touch ▪ stuporous – very difficult to arouse and keep aroused for the interview ▪ comatose – could not be aroused
Adapted from: Inouye SK, et al. Ann Intern Med. 1990; 113: 941-948. Confusion Assessment Method. Copyright 2003, Hospital Elder Life Program, LLC. Not to be reproduced without permission.		

Indication of Delirium for Mr. Miller

- Mr. Miller has an indication of delirium based on the coding of the CAM[®].
- Coding responses for C1310 indicate that behaviors were present, identified as either continuous or fluctuating.

CAM Assessment Scoring Methodology

The indication of delirium by the CAM requires the presence of:

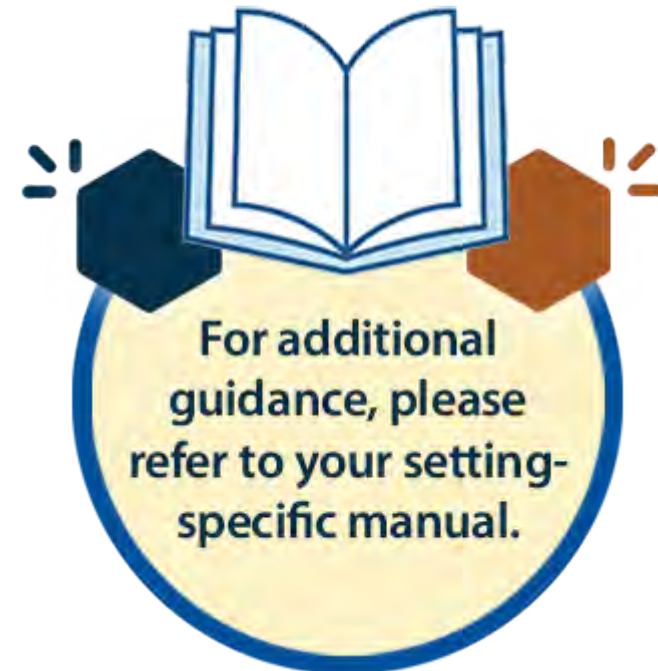
Item A = 1 **OR** Item B, C, or D = 2

AND

Item B = 1 OR 2

AND EITHER

Item C = 1 OR 2 **OR** Item D = 1 OR 2



Key Insights

- Structured cognitive interviews, such as those found in Section C, are more accurate and reliable than observation alone for recognizing cognitive patterns.
- Structured interviews will efficiently provide insight into the patient's current condition that will enhance good care.
- Direct or performance-based testing of cognitive function decreases the chance of incorrect labeling of cognitive ability.

